

## **Appendix A**

# **Dual Enrollment and Guaranteed Admission Agreement between The George Washington University School of Medicine and Health Sciences and The Alexandria City School Board DBA Alexandria City Public Schools**

**DUAL ENROLLMENT AND GUARANTEED ADMISSION AGREEMENT**

**BETWEEN**

**THE GEORGE WASHINGTON UNIVERSITY**

**SCHOOL OF MEDICINE AND HEALTH SCIENCES**

**AND**

**THE ALEXANDRIA CITY SCHOOL BOARD**

**DBA ALEXANDRIA CITY PUBLIC SCHOOLS**

This Dual Enrollment and Guaranteed Admission ("Agreement") is made effective as of this 31 day of August 2017, by and between the George Washington University on behalf of its School of Medicine and Health Sciences (hereinafter referred to as "GW SMHS") and Alexandria City School Board doing business as Alexandria City Public Schools (hereinafter referred to as "ACPS"), a public entity and/or political subdivision of the Commonwealth of Virginia (hereinafter collectively referred to as the "Parties").

WHEREAS, the Parties have a mutual interest in developing a dual enrollment program and a guaranteed admission program which would encourage ACPS students to demonstrate academic success at the college level while still in high school, and to bring college degree pathways to high school students earlier, resulting in making college more affordable by reducing the overall cost and time spent earning a college degree and/or post-secondary certification and increasing the regional health care workforce with diverse qualified, highly skilled and technically advanced individuals; and

WHEREAS, the Parties desire to provide ACPS students with an opportunity to explore fields of study in health and medical sciences through career pathways developed through collaboration between GW SMHS and ACPS; and

WHEREAS, the Parties desire to develop dual enrollment courses that will allow ACPS students to simultaneously earn high school and college credit; and

WHEREAS, GW SMHS offers a Bachelor's Degree in Health Sciences ("BSHS") to students who have successfully completed the academic requirements of its program; and

WHEREAS, GW SMHS and ACPS recognize the need to facilitate the admission of ACPS students who have obtained high school diploma and who wish to pursue an accelerated BSHS from GW, and resolve to adopt a guaranteed admission arrangement, in accordance with the terms and conditions herein.

NOW THEREFORE, in consideration of the mutual promises, benefits and covenants contained herein, GW SMHS and ACPS, do hereby agree to the following terms and conditions:



**I. DUAL ENROLLMENT PROGRAM**

**A. Program Overview**

GW SMHS will review ACPS course offerings and will make a determination as to which courses will be accepted toward the BSHS Degree at GW SMHS and how many credits will be awarded by GW SMHS for each course. ACPS will provide the course offerings to GW SMHS for review by no later than August of each year, and GW will notify ACPS in writing of its determination as to which ACPS course offerings will be accepted by GW for credit toward the BSHS Degree in writing by no later than September 15th of each year. Such courses will be designated as "Dual Enrollment Courses" and ACPS students will receive credit for these courses toward their high school diploma and BSHS Degree at GW SMHS should they choose to pursue it.

The responsibilities of the Parties pursuant to this Section are conditional upon student registration for the Dual Enrollment Courses and subject to adequate student enrollment as determined by GW SMHS. GW SMHS and ACPS reserve the right to cancel any class sections or add sections, no later than the determined census date for the class.

GW SMHS reserves the right to enroll other students in the courses subject to this Agreement when those courses are offered on the GW campus or online, and not at the ACPS high school.

**B. Tuition and Fees**

Pursuant to the Virginia Plan for Dual Enrollment, colleges are encouraged to provide high school students the opportunity for dual enrollment at no cost to the student or their families. As such, there will be no fees or tuition charged to ACPS students by GW SMHS for the Dual Enrollment Courses.

**C. Textbooks**

GW SMHS reserves the right to determine the textbooks used in Dual Enrollment Courses. The provision of all textbooks used in Dual Enrollment Courses is the responsibility of the ACPS.

**D. Payment for Teaching**

If a GW adjunct faculty member, who is not an ACPS employee, is required to teach a Dual Enrollment Course at ACPS for any reason, ACPS agrees to pay GW SMHS its standard adjunct faculty rates for teaching such courses.

**E. Adjunct Faculty**

Unless otherwise agreed to by the Parties, all Dual Enrollment Courses will be taught by ACPS teachers subject to the following requirements:

1. All ACPS teachers who will teach Dual Enrollment Courses will be selected and mentored by GW SMHS. ACPS may recommend for consideration qualified teachers who are interested in teaching Dual Enrollment Courses. All ACPS teachers who desire to teach Dual Enrollment Courses must formally apply to do so in accordance with the Operating Protocols set forth on Exhibit A, which is attached and incorporated in this Agreement. All ACPS teachers desiring to teach Dual Enrollment Courses must meet the GW adjunct faculty in accordance with the standard GW policies and procedures for such appointments. Any ACPS teacher who is not awarded a GW adjunct faculty appointment shall not be permitted to teach Dual Enrollment Courses.
2. All adjunct faculty teaching Dual Enrollment Courses must meet the criteria of the Middle States Commission on Higher Education (MSCHE). These criteria apply to all adjunct faculty teaching postsecondary dual enrollment courses regardless of the physical location of the course being taught. GW SMHS shall ensure that adjunct faculty teaching Dual Enrollment Courses meet these qualifications.

#### **F. Students**

1. In order to be eligible to participate in Dual Enrollment Courses, ACPA students must:
  - a. Have permission of their parent or guardian to participate;
  - b. Be recommended by an ACPS designated official; and
  - c. Meet all course prerequisites for specific Dual Enrollment Courses as set forth in Exhibit A, which is attached and incorporated in this Agreement.
2. ACPS students must meet admission and course placement requirements of GW SMHS. Requirements for admission include the completion of an application for admission to GW SMHS and the completion and receipt of satisfactory scores on the college's placement tests or acceptable alternatives in accordance with GW SMHS policies and procedures. Exceptions to student eligibility may be made on a case-by-case basis with the approval of a GW SMHS designated official.
3. All ACPS students enrolled in Dual Enrollment Courses must adhere to ACPS policy and procedures.
4. The administrative responsibilities of the Parties regarding the exchange of student grades and academic progression are set forth in Exhibit A.

#### **G. Course Standards**

GW SMHS has the responsibility to ensure that all Dual Enrollment Courses taught pursuant to this Agreement are equivalent to other instruction offered by GW SMHS, specifically in terms of course objectives, components of the syllabi, level and rigor of content, evaluation of students, textbooks, student outcomes and assessment and faculty evaluation.

#### H. Transferability

GW SMHS makes no guarantee that credit that it awards for Dual Enrollment Courses will be accepted by other colleges and universities. ACPS agrees to advise its students to consult with specific colleges and institutions to which they may elect to transfer in order to determine whether credits for Dual Enrollment Courses will be accepted for transfer.

#### I. Assessment Standards

The Parties agree that the grading system set forth on Exhibit A will be utilized for Dual Enrollment Courses pursuant to this Agreement.

#### J. Evaluation Standards

1. GW SMHS will maintain curricular oversight of all Dual Enrollment Courses. In the event of changes to the course objectives or content, GW SMHS will have the opportunity to re-review the course to determine eligibility for dual enrollment.
2. Dual Enrollment courses will participate in the GW student feedback system. GW SMHS will review course evaluation feedback each semester.
3. GW SMHS will conduct periodic reviews of course content and student artifacts in Dual Enrollment Courses.
4. GW SMHS may compare dual enrollment and traditional enrollment student performance (e.g. GPA, student artifacts) as part of course assessment.
5. GW SMHS will submit an annual report to ACPS including, but not limited to:
  - a. Select data from the GW course evaluation reports
  - b. Dual Enrollment Course GPA
  - c. Number of admitted students into GW SMHS pathways
  - d. Number of graduate students

## **II. GUARANTEED ADMISSION PROGRAM**

### **A. Guaranteed Admission Program Overview**

This Agreement applies to:

1. Students who have completed the Standard Diploma or Advanced Studies Diploma from ACPS who desire to obtain a BSHS from GWU SMHS; and
2. Students who desire to obtain a BSHS from GW through the established acceleration of a Bachelor of Science in Health Science through dual enrollment and early admissions programs.

### **B. General Admission Requirements and Eligibility**

1. ACPS students who desire to obtain a BSHS from GW SMHS and who have met the following criteria are guaranteed admission to the GW SMHS:
  - a. Completed a Standard Diploma or Advanced Studies Diploma from ACPS;
  - b. Completed each dual enrollment course with a grade of C or higher;
  - c. Graduated with a cumulative GPA in the Standard Diploma or Advanced Studies Diploma from ACPS of 3.0 (as shown on the ACPS transcript);
  - d. Have scored at the college level according to GW SMHS defined cut-off scores in mathematics, English, and reading sections of the SAT, ACT, or other state college placement exam;
  - e. Have earned a minimum of twenty-four (24) eligible college credits; and
  - f. Completed the GW application process.
2. ACPS students who do not satisfy the admission requirements set forth above for guaranteed admission will be considered for admission by GW SMHS, but admission is not guaranteed.

### **C. Program Requirements**

The BSHS Degree requires successful completion of 120 credit hours as follows:

1. General Education (minimum of 24-30 college credit hours completed at ACPS);
2. Advanced Placement Credits with a score of 4 or 5; and
3. Dual Enrollment College Credits (college credit hours completed at ACPS through dual enrollment); and Health Sciences (remaining college credit hours taken at GW SMHS)



**D. Program Benefits**

1. The GW application fee for all students who apply for guaranteed admission pursuant to this Agreement will be waived (Centralized Application System fees will still apply).
2. Students who are admitted to GW pursuant to this Agreement will be eligible to apply for financial aid and tuition awards, as available.

**E. Curriculum Pathways**

GW SMHS and ACPS shall provide curriculum pathway(s) for participating students to complete college credit concurrent with their high school diploma as set forth in Section I (Dual Enrollment). Credit awarded for applicable dual enrollment courses and Advanced Placement courses with qualifying exam scores may be applied toward the attainment of a BSHS degree. The curriculum pathways are outlined in Exhibit B, which is attached and incorporated into this Agreement.

**F. Responsibilities of ACPS**

1. ACPS agrees to disseminate accurate information to ACPS students regarding the conditions for guaranteed admission to GW SMHS as set forth in this Agreement by posting such conditions on the ACPS website as well as in printed materials.
2. ACPS agrees to provide academic advising services to assist ACPS students in participating in dual enrollment courses.

**G. Responsibilities of GW**

1. GW SMHS agrees to provide academic advising services to ACPS students who plan to apply to GW SMHS to assist these students in making a smooth transition.
2. GW SMHS agrees to provide reports with tracking data to ACPS regarding the performance of ACPS students enrolled in a GW SMHS BSHS degree program, including credits presented and accepted in transfer, GW SMHS courses attempted and completed, cumulative GPA, major, graduation date from GW SMHS, and comparisons with non-ACPS students. The specific data elements of the reports will be determined by ACPS and GW SMHS, and GW SMHS will provide such reports by July 1 of each year.

**H. Responsibilities of Students**

1. Students who apply to GW SMHS will be responsible for understanding the requirements for the BSHS program.
2. Students who apply to GW will be responsible for following the GW SMHS application and admission processes and timelines.

### **III. TERM AND TERMINATION**

- A. The term of this Agreement shall be six (6) years and will commence on August 1, 2017, and will expire on July 31, 2022. Upon mutual written consent, the Parties may renew this Agreement for additional periods.
- B. This Agreement may be terminated by mutual written consent of the Parties in writing at any time.
- C. This Agreement may be terminated by either Party upon one-hundred (100) days' notice in writing. Unless otherwise agreed by the Parties, ACPS students accepted for guaranteed admission to GW SMHS Sciences at the time any notice of termination is received shall be permitted to complete their program under the terms and conditions of this Agreement. No new ACPS students shall be admitted to GW SMHS under the terms of this Agreement after either party receives notice of termination.
- D. Both GWU SMHS and ACPS agree to review the Agreement a minimum of every five (5) years and to recommend adjustments or amendments as deemed appropriate to maintain the integrity of each institution as well as for the improvement of the transfer process and student agreement.

### **IV. GENERAL PROVISIONS**

- A. **Review of Agreement:** ACPS will designate officials who will be responsible for all aspects of the Agreement at ACPS. GWU SMHS will designate individuals responsible for all aspects of the Agreement at GWU SMHS.
  - 1. The GWU SMHS representative will be Catherine Golden, EdD Associate Dean, Academic Planning & Assessment.
  - 2. The ACPS representatives will be Sherri Chapman, Coordinator, Career and Technical Education.
- B. **Assignment:** The provisions of this Agreement may not be assigned and are for the exclusive benefit of the Parties hereto and not for the benefit of any third person, nor shall this Agreement be deemed to have conferred any rights, express or implied, upon any third person unless otherwise expressly provided for herein.
- C. **Captions and Heading:** The section captions and headings are for convenience and reference purposes only and shall not affect in any way the meaning or interpretation of this Agreement.
- D. **Severability:** The invalidity, illegality or unenforceability of any provision of this Agreement as determined by a court of competent jurisdiction shall in no way affect the validity, legality or enforceability of any other provision hereof.

- E. **Waiver:** No failure of any party to insist on strict observance of any provision of this Agreement, and no custom or practice of the parties at variance with the terms hereof, shall be deemed a waiver of any provision of this Agreement in any instance.
- F. **Governing Law:** This Agreement shall be governed by and construed in accordance with the laws of the Commonwealth of Virginia.
- G. **Entire Agreement:** This Agreement represents the entire integrated agreement between the parties and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement shall not be amended or modified except by written instrument signed by the parties.
- H. **Use of Trademarks, Copyrights and Trade Names:** This Agreement does not give GWU SMHS or ACPS any ownership rights or interest in logos, trade names, trademarks of the other party.
- I. **Advertising:** GWU SMHS and ACPS must approve in writing and in advance its identification as a partner or co-sponsor in all publicity materials that are disseminated by either partner. Any advertising by the GWU SMHS and ACPS must be consistent with organizational policy.
- J. **Photo Consent:** GWU SMHS and ACPS assumes the responsibility for obtaining any necessary written consent of any student or employee whose likeness may appear in any materials disseminated by the either organization.
- K. **Student Data:** All student data shall be confidential under this Agreement as well as under the Family Educational Rights and Privacy Act ("FERPA"), 20 U.S.C. §1232g et seq., and any other federal or state statutes or regulations pertaining to student records, and will only be released in accordance with the applicable laws and regulations. All student data received by GWU SMHS shall be maintained by GWU SMHS in a secure location, and shall immediately be returned to ACPS in its entirety upon request.
- L. **Confidential Documents and Data:** The Parties hereby acknowledge and agree that any confidential documents and/or data that may be received by either Party pursuant to this Agreement shall not be disclosed, discussed or transferred to any third party not a party to this Agreement unless otherwise agreed. Any student data or information shall only be disclosed to employees of GWU SMHS and ACPS employees who have a legitimate educational interest in the information.
- M. **Curriculum Materials:** Any curriculum materials provided to the GWU SMHS by ACPS pursuant to this Agreement will be held to the same standards as ACPS curriculum materials. Any curriculum materials provided to ACPS by GWU SMHS pursuant to this Agreement will be held to the same standards as GWU SMHS curriculum materials.
- N. **Participation:** Any participation by any student or employee of either GWU SMHS or ACPS in any activity established pursuant to this Agreement shall be purely voluntary.

- O. **Usage Schedule:** In the scheduling of events pursuant to this Agreement, both Parties agree to honor each other's scheduled events to the greatest extent reasonably possible and not to disrupt each other's scheduled programs. Should an unforeseen event occur which precludes a joint-use activity or program from occurring, ACPS will reasonably try its best to accommodate the program at an alternate ACPS location, site or room.
- P. **Exclusive Use:** Nothing in this Agreement shall create any exclusive rights for the GWU SMHS or ACPS or prohibit GWU SMHS and ACPS from entering agreements to utilize programs or services of other partners.
- Q. **Background Check and Security Provisions:** GWU SMHS shall inform its employees, representatives and agents that their placement in an ACPS school or facility will be contingent upon the results of a criminal background check, background verification as well as a Sex Offender Registry Search in accordance with ACPS policies and procedures for ACPS volunteers and employees. The failure to successfully pass ACPS' background check shall serve as grounds for immediate dismissal or removal of that employee, agent or representative from any program administered on an ACPS site or facility. GWU SMHS shall require all new volunteers to complete the ACPS screening at their orientation. For continuing Tutor/Mentor volunteers, the GWU SMHS shall ask each to complete the screening and shall work with ACPS to check that the volunteers have completed the screening.
- R. **Conflict of Interest:** This Agreement incorporates by reference all Virginia or federal law related to ethics, conflicts of interest, or bribery, including, by way of illustration and not limitation, the Virginia State and Local Government Conflict of Interests Act (Code of Virginia § 2.2-3100 et seq.), the Virginia Governmental Frauds Act (Code of Virginia § 18.2-498.1 et seq.), and Articles 2 and 3 of Chapter 10 of Title 18.2 of the Code of Virginia, as amended (§ 18.2-438 et seq.). GWU SMHS certifies that its offer was made without collusion or fraud and that it has not offered or received any kickbacks or inducements from any other contractor, supplier, manufacturer, or subcontractor and that it has not conferred on any public employee having official responsibility for this procurement any payment, loan, subscription, advance, deposit of money, services, or anything of more than nominal value, present or promised unless consideration of substantially equal or greater value was exchanged.
- S. **Non-discrimination:** The Alexandria City School Board is committed to nondiscrimination with regard to race, color, gender, sex, age, religion, disability, national origin, ancestry, sexual orientation, genetic information, pregnancy, marital status, status as a parent or political affiliation. This attitude will prevail in all its policies concerning staff, students, educational programs and services, and individuals with whom the Board does business. Please direct all inquiries regarding ACPS' non-discrimination policies to: Alexandria City Public Schools, Chief Human Resources Officer, 1340 Braddock Place, Alexandria, Virginia 22314.
- T. **GWU SMHS's Liability and Insurance Requirements:** Under no circumstances shall ACPS be responsible for the acts or omissions of GWU SMHS's



representatives, agents and employees, committed during the commission of any duty or service performed under this Agreement, which may cause harm or injury to persons that are not parties to this Agreement. The GWU SMHS acknowledges that ACPS and its agents and employees have sovereign immunity and that such immunity may not extend to GWU SMHS or its representative, agents or employees. GWU SMHS shall obtain and maintain comprehensive bodily injury, property damage and professional liability insurance, at the GWU SMHS's expense, for all employees, representatives or agents who perform activities pursuant to this Agreement. The comprehensive bodily injury, property damage and professional liability insurance shall contain a combined single occurrence limit of not less than One Million Dollars (\$1,000,000.00); and a professional liability insurance policy with General Aggregate of at least One Million Dollars (\$1,000,000.00); Workers Compensation and Employer's Liability, required when partner has three (3) or more employees, One Million Dollars (\$1,000,000.00) each accident; One Million Dollars (\$1,000,000.00) each disease, and One Million Dollars (\$1,000,000.00) policy limit for employer's liability shall also be maintained by GWU SMHS. GWU SMHS shall provide a Certificate of Insurance or otherwise furnish adequate proof of insurance to ACPS, naming the Alexandria City School Board as an additional insured.

- U. **Indemnification and restitution by the GWU SMHS:** GWU SMHS covenants for itself, its employees, representatives and agents to save, defend, hold harmless and indemnify ACPS, and all of its elected and appointed officials, officers, current and former employees, agents, departments, agencies, boards, and commissions (collectively the "ACPS" for purposes of this section) from and against any and all claims made by third parties or by ACPS for any and all losses, damages, injuries, fines, penalties, costs (including court costs and attorney's fees), charges, liability, demands or exposure, however caused, resulting from, arising out of, or in any way connected with GWU SMHS's negligent acts or omissions, including the negligent acts or omissions of its employees and/or subcontractors, in performance or nonperformance of the work called for by GWU SMHS Documents. This duty to save, defend, hold harmless and indemnify shall survive the termination of this MOA. If, after notice by ACPS, GWU SMHS fails or refuses to fulfill its obligations contained in this section, GWU SMHS shall be liable for and reimburse ACPS for any and all expenses, including but not limited to, reasonable attorney's fees incurred and any settlements or payments made. GWU SMHS shall pay such expenses upon demand by ACPS and failure to do so may result in such amounts being withheld from any amounts due to GWU SMHS under this Agreement.
- V. **Legal Compliance:** GWU SMHS shall make every effort to emphasize to each staff member or employee involved with all ACPS activities the importance of conforming and adhering to all applicable executive orders, federal, state and local laws, rules and regulations and policies in effect which govern ACPS when performing services or engaging in activities pursuant to this Agreement.
- W. **Certifications as to employees, etc.:** GWU SMHS agrees to direct its employees, agents or representatives engaging in activities on ACPS property pursuant to this Agreement to comply with ACPS Policy GBEA, concerning a drug-free workplace, for all work conducted on ACPS property. GWU SMHS certifies

that neither it, nor any of its employees, representatives, or agents who will have direct contact with ACPS students or provide services on ACPS property has been convicted of: (i) a felony or any offense involving the sexual molestation or physical or sexual abuse or rape of a child; and/or (ii) a crime of moral turpitude. GWU SMHS certifies that it does not, and shall not during the performance of this Agreement; knowingly employ an unauthorized alien as defined in the Federal Immigration Reform and Control Act of 1986.

- X. Relationships of Parties:** Neither GWU SMHS nor its employees, representatives, or agents, under any circumstances, is to be considered employees, servants or agents of ACPS. ACPS will not be legally responsible for any negligence or other wrong doings by GWU SMHS, its employees, representatives, or agents. ACPS will not withhold from payments to GWU SMHS any federal or state unemployment taxes, federal or state income taxes, social security, taxes or any other amounts for benefits to GWU SMHS or its students, representatives, agents, employees and/or faculty. Furthermore, ACPS will not provide to GWU SMHS any insurance coverage or other benefits, including worker's compensation, normally provided by ACPS for its employees.

Moreover, neither the ACPS nor its employees, representatives, or agents, under any circumstances, is to be considered employees, servants or agents of GWU SMHS. GWU SMHS will not be legally responsible for any negligence or other wrong doings by ACPS, its employees, representatives, or agents.

- Y. Faith Based Organizations:** The Parties do not discriminate against faith-based organizations.
- Z. Force Majeure:** GWU SMHS shall not be held responsible for failure to perform the duties and responsibilities imposed by this Agreement, if such failure is due to fires, riots, rebellions, natural disasters, wars, or an act of God beyond the control of GWU SMHS, and outside and beyond the scope of GWU SMHS's then current, by industry standards, disaster plan, that make performance impossible or illegal.
- AA. Survival of Terms:** In addition to any numbered sections in this Agreement, which specifically state that the term or paragraph survives the expiration or termination of this Agreement, the following sections if included in this Agreement also survive: INDEMNIFICATION, RECORDS and USE OF TRADEMARKS, COPYRIGHTS AND TRADE NAMES.
- BB. Non-exclusivity of Remedies:** All remedies available to ACPS and GWU SMHS under this Agreement are cumulative, and no such remedy shall be exclusive of any other remedy available to ACPS or GWU SMHS at law or in equity.
- CC. Amendments:** Unless otherwise specified herein, this Agreement shall not be amended except by written amendment executed by persons duly authorized to bind the GWU SMHS and ACPS.

**V. PROHIBITIONS**

The activities provided under this Agreement shall not involve or give the appearance of involving any activity, which pertains to any of the following:

- A. promotion of hostility or violence;
- B. an attack on ethnic, racial, or religious groups;
- C. discrimination prohibited by any law or School Board policy;
- D. promotion of the use of drugs, alcohol, tobacco, or firearms;
- E. promotion of sexual, obscene, or pornographic activities; or
- F. promotion of any image that is not in keeping with the established goals and purposes of the School Board;
- G. exploitation of any student or School Board employee;
- H. unauthorized collection of personal information, including names, addresses or telephone numbers of students or School Board employees because of the partnership; and
- I. it is expressly agreed that nothing under this Agreement shall be subject to arbitration, and any references to arbitration are expressly deleted from this Agreement.

## **VI. NOTICE**

All notices related to this Agreement shall be deemed properly issued if given in writing and hand delivered or sent by e-mail (receipt acknowledged), or mailed (registered or certified mail, return receipt requested), with all postage or other charges prepaid to:

If to GWU SMHS:

Catherine Golden, EdD  
Associate Dean, Academic Planning & Assessment,  
The George Washington University  
School of Medicine and Health Sciences  
2100 Pennsylvania Avenue, NW,  
Washington DC 20037

With a copy to:

Mary Lynn Reed Senior Counsel  
Office of Senior Vice President and General Counsel  
2100 Pennsylvania Avenue, N.W., Suite 250  
Washington, D.C. 20037  
(202) 994-6503 (Telephone)

If to ACPS:

Sherrl Chapman  
Career and Technical Education  
1340 Braddock Place  
Alexandria, VA 22314  
(703) 619-8020 (Telephone)


With a copy to:

Kurt Huffman  
School, Business and Community Partnerships  
1340 Braddock Place  
Alexandria, VA 22314

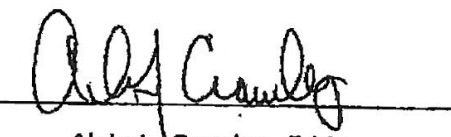
IN WITNESS WHEREOF, Alexandria Public School System and The George Washington University School of Medicine and Health Sciences hereto have executed this Agreement by their duly authorized representatives as of the date first above written.

ALEXANDRIA CITY SCHOOL BOARD


THE GEORGE WASHINGTON UNIVERSITY

By:   
Terri Mozingo, Ed.D.  
Chief Academic Officer

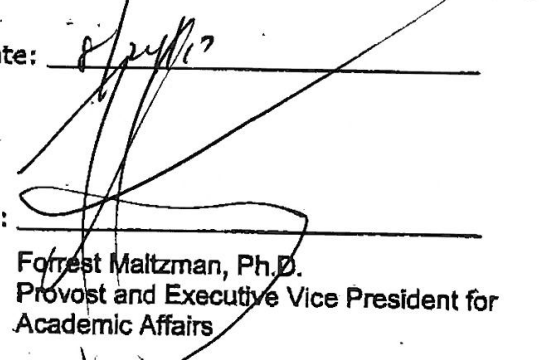
Date: 6/19/2017

By:   
Alvin L. Crawley, Ed.D.  
Superintendent of Schools

Date: 6-19-17

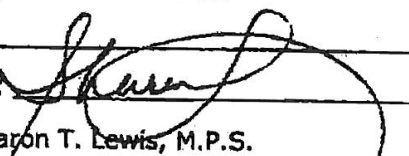
By:   
Jeffrey S. Akman, M.D.  
Vice President for Health Affairs and  
Dean, School of Medicine and Health Sciences

Date: 8/24/17

By:   
Forrest Maltzman, Ph.D.  
Provost and Executive Vice President for  
Academic Affairs

Date: 8-31-17

Approved as to Form:

By:   
Sharon T. Lewis, M.P.S.  
Director of Procurement

Date: 6-16-17



### Sample Nursing Sequence

English-4	English 9H	English 10H	English 111H College Comp 11 (DE/AP)ENG 111-112	College Comp 12 (DE/AP)ENG 111-112 World Lit (DE) ENG 251-252	4	3-12 (AP/DE) DE offered through NOVA
Math-4	Algebra I Geometry Algebra II	Geometry Algebra II PreCalc (DE) MTH 163-164	Algebra II PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP)MTH 173-174	PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH173-174 Differential Equations (DE) MTH 291-292	4	3-16 (AP/DE)  DE offered through NOVA
Science-4	Biology	Chemistry	Phys./Earth Science	DE Science Class	4	8 (AP)
Social Studies-4	World Civ I H/ AP Human Geography	World Civ II H/ AP World History	US History (DE/AP) HIS 121-122	US Govt (DE/AP) PLS 135-136	4	3-24 (AP/DE) DE via NOVA
World Language-3+	Level I-III World Language	Level II-IV Level IV (DE)101-102	Level III-V Level IV (DE) 101-102 Level V (DE/AP) 201-202	Level IV -V Level IV (DE) 101-102 Level V (DE/AP) 201-202	4*	3-6 (AP) DE offered through NOVA
Health/PE/BPF/Elective	Health/PE	Health/PE *	Economics & Personal Finance* / AP Economics & Online Personal Finance		3	0
Other Credits	Students choose one of the Sequences below and these courses will be used to meet Fine Arts, CTE and elective credits. The recommended Sequences meet sequential elective and CTE completion requirements.					
Nursing	Health & Medical Sciences Exploration  <i>HSCI 1XXX: Careers in Health Care (1 cr - Proposed)</i>  <i>HSCI 2111: Dev/Health Care Professions (3 cr)</i>	Medical Terminology with Anatomy & Physiology  <i>HSCI 1XXX: Medical Terminology I (3 cr - Proposed)</i>  <i>HSCI 1XXX: Medical Terminology II (3 cr -Proposed)</i>	Pharmacy or Medical Lab If Med Lab I, then: <i>MLS 1080: Intro to Laboratory Medicine (4 cr)</i> <i>MLS 1085: Urinalysis and Body Fluids (2 cr)</i> If Pharmacy, then: <i>EHS 1002: CPR &amp; First Aid (1 cr)</i> <i>PFLAR 1XXX: Intro to Pharmacy Studies I (2 cr)</i>	Certified Nurse Aide (2 credits)	5	13-16 (DE)  DE offered through GW SMHS
Total GW SMHS DE Credits by Grade	4 credits	6 credits	Mod Lab: 6 credits Pharmacy: 3 credits	2 credits		33-82 credits

- Some classes such as PE or Econ & Personal Finance may need to be taken over the summer, online or after school to meet concentration requirements
- Courses in Green currently offer AP or DE credit.
- Course in Blue are potential DE classes. Blue *italicized* offered by GW School of Medicine and Health Sciences.
- Sample Sequence aligns to BSHS in Clinical Research Administration. Students seeking admissions to GW SMHS will follow admission and transfer credit policies:  
<http://bulletin.gwu.edu/medicine-health-sciences/>

### Sample Surgical Medical Sciences Sequence

High School Concentration Requirements	Grade 9	Grade 10	Grade 11	Grade 12	DE/DE	DE/DE
English-4	English 9H	English 10H	English 111H College Comp 11 (DE/AP)ENG 111-112	College Comp 12 (DE/AP)ENG 111-112 World Lit (DE) ENG 251-252	4	3-12 (AP/DE)  DE offered through NOVA
Math-4	Algebra I Geometry Algebra II	Geometry Algebra II PreCalc (DE) MTH 163-164	Algebra II PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH 173-174	PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH173-174 Differential Equations (DE) MTH 291-292	4	3-16 (AP/DE)  DE offered through NOVA
Science-4	Biology	Chemistry	Phys/Earth Science	DE Science Class	4	8 (AP)
Social Studies-4	World History I H/AP Human Geography	World History II H/ AP World History	US History (DE/AP) HIS 121-122	US Govt (DE/AP) PLS 135-136	4	3-24 (AP/DE) DE via NOVA
World Language-3+	Level I-III World Language	Level II-IV Level IV (DE)101-102	Level III-V Level IV (DE) 101-102 Level V (DE/AP) 201-202	Level IV -V Level IV (DE) 101-102 Level V (DE/AP) 201-202	4*	3-6 (AP) DE offered through NOVA
Health/PE/EPP/Elective	Health/PE	Health/PE *	Economics & Personal Finance* / AP Economics & Online Personal Finance		3	0
Other Credits	Students choose one of the Sequences below and these courses will be used to meet Fine Arts, CTE and elective credits. The recommended Sequences meet sequential elective and CTE completion requirements.					
Surgical Medical Sciences	Health & Medical Sciences Exploration  <i>HSCI 1XXX: Careers in Health Care (1 cr - Proposed)</i>  <i>HSCI 2111: Dual Health Care Proficiency (3 cr)</i>	Medical Terminology with Anatomy & Physiology  <i>HSCI 1XXX: Medical Terminology I (3 cr - Proposed)</i>  <i>HSCI 1XXX: Medical Terminology II (3 cr - Proposed)</i>	Sterile Processing  <i>CML 1XXX: Intro to Surgical Studies (3 cr - Proposed)</i>	Surgical Set Up (2 credits)  <i>EHS 2128: Pharmacology/Health Care Provider (3 cr)</i>	5	15 (DE)  DE offered through GW SMHS
Total GW SMHS DE Credits by Grade	4 credits	6 credits	3 credits	3 credits		35-81 credits

- Some classes such as PE or Econ & Personal Finance may need to be taken over the summer, online or after school to meet concentration requirements
- Courses in Green currently offer AP or DE credit
- Course in Blue are potential DE classes. Blue italicized offered by GW School of Medicine and Health Sciences
- Sample Sequence aligns to BSHS in Clinical Research Administration and BSHS in Pre-Health (Proposed). Students seeking admissions to GW SMHS will follow the admission and transfer credit policies: <http://bulletin.gwu.edu/medicine-health-sciences/>

### Sample Sports Medicine Sequence

English-4	English 9H	English 10H	English 111H College Comp 11 (DE/AP)ENG 111-112	College Comp 12 (DE/AP)ENG 111-112 World Lit (DE) ENG 251-252	4	3-12 (AP/DE)  DE offered through NOVA
Math-4	Algebra I Geometry Algebra II	Geometry Algebra II PreCalc (DE) MTH 163-164	Algebra II PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH 173-174	PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH 173-174 Differential Equations (DE) MTH 291-292	4	3-16 (AP/DE)  DE offered through NOVA
Science-4	Biology	Chemistry	Phys/Earth Science	DE Science Class	4	8 (AP)
Social Studies-4	World Civ I H/AP Human Geography	World Civ II H/ AP World History	US History (DE/AP) HIS 121-122	US Govt (DE/AP) PLS 135-136	4	3-24 (AP/DE) DE via NOVA
World Language-3+	Level I-III World Language	Level II-IV Level IV (DE) 101-102	Level III-V Level IV (DE) 101-102 Level V (DE/AP) 201-202	Level IV -V Level IV (DE) 101-102 Level V (DE/AP) 201-202	4*	3-6 (AP) DE offered through NOVA
Health/PE/EPF/Elective	Health/PE	Health/PE *	Economics & Personal Finance* / AP Economics & Online Personal Finance		3	0
Other Credits	Students choose one of the Sequences below and these courses will be used to meet Fine Arts, CTE and elective credits. The recommended Sequences meet sequential elective and CTE completion requirements.					
Sports Medicine:	Health & Medical Sciences Exploration  <i>HSCI 1XXX: Careers in Health Care (1 cr - Proposed)</i>  <i>HSCI 2111: Diet/Health Care Professions (3 cr)</i>	Medical Terminology with Anatomy & Physiology  <i>HSCI 1XXX: Medical Terminology I (3 cr - Proposed)</i> <i>HSCI 1XXX: Medical Terminology II (3 cr -Proposed)</i>	Sports Medicine I (2 credits)  <i>EHS 1002: CPR &amp; First Aid (1 cr)</i>	Sports Medicine II (2 credits)  <i>EHS 2167: Injury Control Case Studies (3 cr)</i>	4	14 (DE)  DE offered through GW SMHS
Total GW SMHS DE Credits by Grade	4 credits	6 credits	1 credit	3 credits		34-80 credits

- Some classes such as PE or Econ & Personal Finance may need to be taken over the summer, online or after school to meet concentration requirements
- Courses in Green currently offer AP or DE credit.
- Course in Blue are potential DE classes. Blue *Italicized* offered by GW School of Medicine and Health Sciences.
- Sample Sequence aligns to BSMS in Emergency Medical Services Management and BSMS in Pre-Health (Proposed). Students seeking admission to GW SMHS will follow admission and transfer credit policies: <http://bulletin.gwu.edu/medicine-health-sciences/>

### Sample Biomedical Informatics Sequence

English-4	English 9H	English 10H	English 111H College Comp 11 (DE/AP)ENG 111-112	College Comp 12 (DE/AP)ENG 111-112 World Lit (DE) ENG 251-252	4	3-12 (AP/DE)  DE offered through NOVA
Math-4	Algebra I Geometry Algebra II	Geometry Algebra II PreCalc (DE) MTH 163-164	Algebra II PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH 173-174	PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH173-174 Differential Equations (DE) MTH 291-292	4	3-16 (AP/DE)  DE offered through NOVA
Science-4	Biology	Chemistry	Phys/Earth Science	DE Science Class	4	8 (AP)
Social Studies-4	World Civ I H/AP Human Geography	World Civ II H/ AP World History	US History (DE/AP) HIS 121-122	US Govt (DE/AP) PLS 135-136	4	3-24 (AP/DE) DE via NOVA
World Language-3+	Level I-III World Language	Level II-IV Level IV (DE) 101-102	Level III-V Level IV (DE) 101-102 Level V (DE/AP) 201-202	Level IV-V Level IV (DE) 101-102 Level V (DE/AP) 201-202	4*	3-6 (AP)  DE offered through NOVA
Health/PE/EPP/Elective	Health/PE	Health/PE *	Economics & Personal Finance* / AP Economics & Online Personal Finance		3	0
Other Credits	Students choose one of the Sequences below and these courses will be used to meet Fine Arts, CTE and elective credits. The recommended Sequences meet sequential elective and CTE completion requirements.					
Biomedical Informatics:	Health & Medical Sciences Exploration  <i>HSCI 1XXX: Careers in Health Care (1 cr - Proposed)</i>  <i>HSCI 2111: Dev/Health Care Professions (3 cr)</i>	Introduction to Informatics  <i>HSCI 2113: Informatics in the HSCI (3 credits)</i>	Biotechnology & Forensics Foundations  <i>MLA 2000: Biology in the Health Sciences (3 credits)</i>	AP Computer Science	4	6 (AP) + 10 (DE) = 16  DE offered through GW SMHS
Total GW SMHS DE Credits by Grade	4 credits	3 credits	3 credits	0 GW credits; 6 AP credits		33-79 credits

- Some classes such as PE or Econ & Personal Finance may need to be taken over the summer, online or after school to meet concentration requirements
- Courses in Green currently offer AP or DE credit.
- Course in Blue are potential DE classes. Blue *italicized* offered by GW School of Medicine and Health Sciences.
- Sample Sequence aligns to BSHS in Biomedical Informatics and BSHS in Clinical Research Administration. Students seeking admission to GW SMHS will follow the admission and transfer credit policies: <http://bulletin.gwu.edu/medicine-health-sciences/>



### Sample Emergency Medical Services Sequence

English-4	English 9H	English 10H	English 111H College Comp 11 (DE/AP)ENG 111-112	College Comp 12 (DE/AP)ENG 111-112 World Lit (DE) ENG 251-252	4	3-12 (AP/DE) DE via NOVA
Math-4	Algebra I Geometry Algebra II	Geometry Algebra II PreCalc (DE) MTH 163-164	Algebra II PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH 173-174	PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH173-174 Differential Equations (DE) MTH 291-292	4	3-16 (AP/DE)  DE offered through NOVA
Science-4	Biology	Chemistry	Phys/Earth Science	DE Science Class	4	8 (AP)
Social Studies-4	World Civ I H/AP Human Geography	World Civ II H/ AP World History	US History (DE/AP) HIS 121-122	US Govt (DE/AP) PLS 135-136	4	3-24 (AP/DE) DE via NOVA
World Language-3+	Level I-III World Language	Level II-IV Level IV (DE)101-102	Level III-V Level IV (DE) 101-102 Level V (DE/AP) 201-202	Level IV -V Level IV (DE) 101-102 Level V (DE/AP) 201-202	4*	3-6 (AP) DE via NOVA
Health/PE/EPP/Elective	Health/PE	Health/PE *	Economics & Personal Finance* / AP Economics & Online Personal Finance		3	0
Other Credits	Students choose one of the Sequences below and these courses will be used to meet Fine Arts, CTE and elective credits. The recommended Sequences meet sequential elective and CTE completion requirements.					
Emergency Medical Services:	Health & Medical Sciences Exploration  <i>HSCI 1XXX: Careers in Health Care (1 cr - Proposed)</i>  <i>HSCI 2111: Des/Health Care Professions (3 cr)</i>	Emergency Medical Services I (2 credits)  <i>EHS 1002: CPR &amp; First Aid (1 cr)</i>  <i>EHS 1023 Basic Trauma Life Support (1 cr)</i>  <i>EHS 2131: History Taking &amp; Physical Exam (2 credits)</i>	Emergency Medical Services II (2 credits)  <i>EHS 1040: EMT-B (3 cr)</i>  <i>EHS 2166 Current Topics (1 cr)</i>	Emergency Medical Services III (2 credits)  <i>EHS 2167 : Injury Control Case Studies (3 cr)</i>  <i>EHS 2166 Current Topics (1 cr)</i>	7	16 (DE)  DE offered through GW SMHS
Total GW SMHS DE Credits by Grade	4 credits	6 credits	6 credits	6 credits		36-82 credits

- Some classes such as PE or Econ & Personal Finance will need to be taken over the summer, online or after school to meet concentration requirements
- Courses in Green currently offer AP or DE credit.
- Course in Blue are potential DE classes. Blue *italicized* offered by GW School of Medicine and Health Sciences.
- Sample Sequence aligns to BSMS in Emergency Medical Services Management. Students seeking admission to GW SMHS will follow the admission and transfer credit policies:  
<http://bulletin.gwu.edu/medicine-health-sciences/>

### Sample Pharmacy Program

English 4	English 9H	English 10H	English 111H College Comp 11 (DE/AP)ENG 111-112	College Comp 12 (DE/AP)ENG 111-112 World Lit (DE) ENG 251-252	4	3-12 (AP/DE) DE via NOVA
Math-4	Algebra I Geometry Algebra II	Geometry Algebra II PreCalc (DE) MTH 163-164	Algebra II PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH 173-174	PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH173-174 Differential Equations (DE) MTH 291-292	4	3-16 (AP/DE)  DE offered through NOVA
Science-4	Biology	Chemistry	Phys/Earth Science	DE Science Class	4	8 (AP)
Social Studies-4	World Civ I H/AP Human Geography	World Civ II H/ AP World History	US History (DE/AP) HIS 121-122	US Govt (DE/AP) PLS 135-136	4	3-24 (AP/DE) DE via NOVA
World Language-3+	Level I-III World Language	Level II-IV Level IV (DE)101-102	Level III-V Level IV (DE) 101-102 Level V (DE/AP) 201-202	Level IV -V Level IV (DE) 101-102 Level V (DE/AP) 201-202	4*	3-6 (AP)  DE offered through NOVA
Health/PE/EPF/Elective	Health/PE	Health/PE *	Economics & Personal Finance* / AP Economics & Online Personal Finance		3	0
Other Credits	Students choose one of the Sequences below and these courses will be used to meet Fine Arts, CTE and elective credits. The recommended Sequences meet sequential elective and CTE completion requirements.					
Pharmacy	Health & Medical Sciences Exploration  <i>HSCI 1XXX: Careers in Health Care (1 or -Proposed)</i>  <i>HSCI 2111: Dev/Health Care Professions (3 or -)</i>	Medical Terminology with Anatomy & Physiology  <i>HSCI 1XXX: Medical Terminology I (3 or - Proposed)</i>  <i>HSCI 1XXX: Medical Terminology II (3 or -Proposed)</i>	Pharmacy Studies I  <i>EHIS 1002: CPR &amp; First Aid (1 or -)</i>  <i>PHAR 1XXX: Intro to Pharmacy Studies I (2 or -Proposed)</i>	Pharmacy Studies II (2 credits)  <i>PHAR 1XXX: Intro to Pharmacy Studies II (2 or -Proposed)</i>	5	15 (DE)  DE offered through GW SMHS
Total GW SMHS DE Credits by Grade	4 credits	6 credits	3 credits	2 credits		35-81 credits

- Some classes such as PE or Econ & Personal Finance may need to be taken over the summer, online or after school to meet concentration requirements
- Courses in Green currently offer AP or DE credit.
- Course in Blue are potential DE classes. Blue *italicized* offered by GW School of Medicine and Health Sciences.
- Sample Sequence aligns to BSHS in Pre-Health (proposed). Students seeking admission to GW SMHS will follow the admission and transfer credit policies: <http://bulletin.gwu.edu/medicine-health-sciences/>

## All Sample Sequences

Core Academic Course Options							
These course will be used to meet specific course and SOL graduation requirements. All programs are aligned toward the Advanced Diploma							
English 4 Grade 9 2018-2019	Grade 9 2018-2019	Grade 10 2019-2020	Grade 11 2020-2021	Grade 12 2021-2022	4	College Credit	GW SMHS Diploma
English-4	English 9H	English 10H	English 111H College Comp 11 (DE/AP)ENG 111-112	College Comp 12 (DE/AP)ENG 111-112 World Lit (DE) ENG 251-252	4	3-12 (AP/DE)  DE offered through NOVA	
Math-4	Algebra I Geometry Algebra II	Geometry Algebra II PreCalc (DE) MTH 163-164	Algebra II PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH 173-174	PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH173-174 Differential Equations (DE) MTH 291-292	4	3-16 (AP/DE)  DE offered through NOVA	
Science-4	Biology	Chemistry	Phys/Earth Science	AP/DE Science Class	4	6 (AP)	
Social Studies-4	World Civ I H/AP Human Geography	World Civ II H/ AP World History	US History (DE/AP) HIS 121-122	US Govt (DE/AP) PLS 135-136	4	3-24 (AP/DE)  DE offered through NOVA	
World Language-3+	Level I-III World Language	Level II-IV Level IV (DE)101-102	Level III-V Level IV (DE) 101-102 Level V (DE/AP) 201-202	Level IV -V Level IV (DE) 101-102 Level V (DE/AP) 201-202	4*	3-6 (AP)  DE offered through NOVA	
Health/PE & EPF	Health/PE	Health/PE *	Economics & Personal Finance* / AP Economics & Online Personal Finance		3	3-6	

Students seeking admission to GW SMHS will follow the admission and transfer credit policies: <http://bulletin.gwu.edu/medicine-health-sciences/>

### Sample Medical Laboratory Sciences Sequence

Grade 9	Grade 10	Grade 11	Grade 12	Credits	Notes
English-4	English 9H	English 10H	English 111H College Comp 11 (DE/AP)ENG 111-112	College Comp 12 (DE/AP)ENG 111-112 World Lit (DE) ENG 251-252	4 3-12 (AP/DE) DE via NOVA
Math-4	Algebra I Geometry Algebra II	Geometry Algebra II PreCalc (DE) MTH 163-164	Algebra II PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH 173-174	PreCalc (DE) MTH 163-164 Probability & Statistics Calculus (DE/AP) MTH173-174 Differential Equations (DE) MTH 291-292	4 3-16 (AP/DE) DE offered through NOVA
Science-4	Biology	Chemistry	Phys/Earth Science	DE Science Class	4 8 (AP)
Social Studies-4	World Civ I H/AP Human Geography	World Civ II H/ AP World History	US History (DE/AP) HIS 121-122	US Govt (DE/AP) PLS 135-136	4 3-24 (AP/ DE) DE via NOVA
World Language-3+	Level I-III World Language	Level II-IV Level IV (DE) 101-102	Level III-V Level IV (DE) 101-102 Level V (DE/AP) 201-202	Level IV -V Level IV (DE) 101-102 Level V (DE/AP) 201-202	4* 3-6 (AP) DE offered through NOVA
Health/PE/EPP/ Elective	Health/PE	Health/PE *	Economics & Personal Finance* / AP Economics & Online Personal Finance		3 0
Other Credits	Students choose one of the Sequences below and these courses will be used to meet Fine Arts, CTE and elective credits. The recommended Sequences meet sequential elective and CTE completion requirements.				
Medical Laboratory Sciences	Health & Medical Sciences Exploration  <i>HSCI 1XXX: Career in Health Care (1 cr - Proposed)</i>  <i>HSCI 2111: Diet/Health Care Professions (3 cr)</i>	Medical Terminology with Anatomy & Physiology  <i>HSCI 1XXX: Medical Terminology I (3 cr - Proposed)</i>  <i>HSCI 1XXX: Medical Terminology II (3 cr - Proposed)</i>	Medical Laboratory Sciences I  <i>MLS 1080: Intro to Laboratory Medicine (4 cr)</i>  <i>MLS 1083: Urinalysis and Body Fluids (2 cr)</i>	Medical Laboratory Sciences II  <i>MLS 1XXX: Intro to Laboratory Medicine II (4 cr - Proposed)</i>  <i>MLS 1086: Clinical Immunology (2 cr)</i>	4 22 (DE) DE offered through GW SMHS
Total GW SMHS DE Credits by Grade	4 credits	6 credits	6 credits	6 credits	42-88 credits

- Some classes such as PE or Econ & Personal Finance may need to be taken over the summer, online or after school to meet concentration requirements
- Courses in Green currently offer AP or DE credit.
- Course in Blue are potential DE classes. Blue *italicized* offered by GW School of Medicine and Health Sciences.
- Sample Sequence aligns to BSHS in Medical Laboratory Sciences. Students seeking admission to GW SMHS will follow the admission and transfer credit policies: <http://bulletin.gwu.edu/medicine-health-sciences/>

High School Graduation Requirements	Grade 9 2018-2019	Grade 10 2019-2020	Grade 11 2020-2021	Grade 12 2021-2022	College Credits	College Credits	GW SMHS Degree
<b>Sports Medicine:</b>	Health & Medical Sciences Exploration  <i>HSCI 1XXX: Careers in Health Care (1 cr - Proposed)</i>  <i>HSCI 2111: Dev/Health Care Professions (3 cr)</i>	Medical Terminology with Anatomy & Physiology  <i>HSCI 1XXX: Medical Terminology I (3 cr - Proposed)</i>  <i>HSCI 1XXX: Medical Terminology II (3 cr - Proposed)</i>	Sports Medicine I (2 credits)  <i>EHS 1002: CPR &amp; First Aid (1 cr)</i>	Sports Medicine II (2 credits)  <i>EHS 2167: Injury Control Case Studies (3 cr)</i>	4	14 (DE)  DE offered through GW SMHS	BSHS in Pre-Health (Proposed)
<b>Emergency Medical Services:</b>	Health & Medical Sciences Exploration  <i>HSCI 1XXX: Careers in Health Care (1 cr - Proposed)</i>  <i>HSCI 2111: Dev/Health Care Professions (3 cr)</i>	Emergency Medical Services I (2 credits)  <i>EHS 1002: CPR &amp; First Aid (1 cr)</i>  <i>EHS 1023 Basic Trauma Life Support (1 cr)</i>  <i>EHS 2131: History Taking &amp; Physical Exam (2 credits)</i>	Emergency Medical Services II (2 credits)  <i>EHS 1040: EMT-B (3 cr)</i>  <i>EHS 2166 Current Topics (1 cr)</i>	Emergency Medical Services III (2 credits)  <i>EHS 2167: Injury Control Case Studies (3 cr)</i>  <i>EHS 2166 Current Topics (1 cr)</i>	7	16 (DE)  DE offered through GW SMHS	BSHS in Emergency Medical Services Management
<b>Pharmacy</b>	Health & Medical Sciences Exploration  <i>HSCI 1XXX: Careers in Health Care (1 cr - Proposed)</i>  <i>HSCI 2111: Dev/Health Care Professions (3 cr)</i>	Medical Terminology with Anatomy & Physiology  <i>HSCI 1XXX: Medical Terminology I (3 cr - Proposed)</i>  <i>HSCI 1XXX: Medical Terminology II (3 cr - Proposed)</i>	Pharmacy Studies I  <i>EHS 1002: CPR &amp; First Aid (1 cr)</i>  <i>PHAR 1XXX: Intro to Pharmacy Studies I (2 cr - Proposed)</i>	Pharmacy Studies II (2 credits)  <i>PHAR 1XXX: Intro to Pharmacy Studies II (2 cr - Proposed)</i>	5	15 (DE)  DE offered through GW SMHS	BSHS in Pre-Health (Proposed)
<b>Medical Laboratory Sciences</b>	Health & Medical Sciences Exploration  <i>HSCI 1XXX: Careers in Health Care (1 cr - Proposed)</i>  <i>HSCI 2111: Dev/Health Care Professions (3 cr)</i>	Medical Terminology with Anatomy & Physiology  <i>HSCI 1XXX: Medical Terminology I (3 cr - Proposed)</i>  <i>HSCI 1XXX: Medical Terminology II (3 cr - Proposed)</i>	Medical Laboratory Sciences I  <i>MLS 1080: Intro to Laboratory Medicine (4 cr)</i>  <i>MLS 1085: Urinalysis and Body Fluids (2 cr)</i>	Medical Laboratory Sciences II  <i>MLS 1XXX: Intro to Laboratory Medicine II (4 cr - Proposed)</i>  <i>MLS 1086: Clinical Immunology (2 cr)</i>	4	22 (DE)  DE offered through GW SMHS	BSHS in Medical Laboratory Sciences

Students seeking admission to GW SMHS will follow the admission and transfer credit policies: <http://bulletin.gwu.edu/medicine-health-sciences/>

## Health & Medical Career Sequences

Students choose one of the Sequences below and these courses will be used to meet Fine Arts, CTE and elective credits.  
The recommended Sequences meet sequential elective and CTE completion requirements.

Health & Medical Career Sequence	Grade 9 2019-2020	Grade 10 2020-2021	Grade 11 2021-2022	Grade 12 2022-2023	AP Credits	College Credits	GW SMHS Degree
<b>Surgical Medical Sciences</b>	Health & Medical Sciences Exploration  <i>HSCI 1XXX: Careers in Health Care (1 cr - Proposed)</i>  <i>HSCI 2111: Dev/Health Care Professions (3 cr)</i>	Medical Terminology with Anatomy & Physiology  <i>HSCI 1XXX: Medical Terminology I (3 cr - Proposed)</i>  <i>HSCI 1XXX: Medical Terminology II (3 cr - Proposed)</i>	Sterile Processing  <i>CML 1XXX: Intro to Surgical Studies (3 cr - Proposed)</i>	Surgical Set Up (2 credits)  <i>EHS 2128: Pharmacology/Hub Care Provider (3 cr)</i>	5	15 (DE)  DE offered through GW SMHS	BSHS in Clinical Research Administration  BSHS in Pre-Health (Proposed)
<b>Nursing</b>	Health & Medical Sciences Exploration  <i>HSCI 1XXX: Careers in Health Care (1 cr - Proposed)</i>  <i>HSCI 2111: Dev/Health Care Professions (3 cr)</i>	Medical Terminology with Anatomy & Physiology  <i>HSCI 1XXX: Medical Terminology I (3 cr - Proposed)</i>  <i>HSCI 1XXX: Medical Terminology II (3 cr - Proposed)</i>	If Med Lab I, then:  <i>MLS 1080: Intro to Laboratory Medicine (4 cr)</i>  <i>MLS 1095: Urinalysis and Body Fluids (2 cr)</i>  If Pharmacy, then:  <i>EHS 1002: CPR &amp; First Aid (1 cr)</i>  <i>PLAR 1XXX: Intro to Pharmacy Studies I (2 cr)</i>	Certified Nurse Aide (2 credits)	5	13-16 (DE)  DE offered through GW SMHS	BSHS in Clinical Research Administration  BSHS in Pre-Health (Proposed)
<b>Biomedical Informatics</b>	Health & Medical Sciences Exploration  <i>HSCI 1XXX: Careers in Health Care (1 cr - Proposed)</i>  <i>HSCI 2111: Dev/Health Care Professions (3 cr)</i>	Introduction to Informatics  <i>HSCI 2113: Informatics in the HSCI (3 credits)</i>	Biotechnology & Forensics Foundations  <i>MLS 2000: Biology in the Health Sciences (3 credits)</i>	AP Computer Science	4	6 (AP) + 10 (DE) = 16  DE offered through GW SMHS	BSHS in Biomedical Informatics

Students seeking admission to GW SMHS will follow the admission and transfer credit policies: <http://bulletin.gwu.edu/medicine-health-sciences/>

## **EXHIBIT A**

This exhibit provides supporting documentation and clarifying language for the Dual Enrollment and Guaranteed Admission Agreement. The exhibit includes the following sections:

- Operating Protocols
- Exchange of Student Grades and Academic Records Administrative Responsibilities
- Assessment and Grading System
- Course Requirements and Illustrative Curricular Sequences



## **Section 1: Operating Protocols**

### **Faculty**

1. Postsecondary transcripts of all adjunct faculty teaching Dual Enrollment Courses must be submitted to GW SMHS with the formal application to teach Dual Enrollment Courses.
2. GW SMHS shall provide all adjunct faculty teaching Dual Enrollment Courses with a copy of the current faculty handbook. Adjunct faculty shall adhere to the professional guidelines, rules and expectations therein.
3. GW SMHS shall provide all adjunct faculty teaching Dual Enrollment Courses with access to the GW Catalog and rules and procedures detailing information that includes, but is not limited to, drop and withdrawal policies, student code of conduct, grading policies and critical dates. Adjunct faculty shall adhere to the guidelines, rules and expectations therein that apply to adjunct faculty.
4. GW SMHS shall provide all adjunct faculty teaching Dual Enrollment Courses with a faculty liaison in the relevant discipline.
5. All adjunct faculty teaching Dual Enrollment Courses, regardless of location of instruction, shall be observed and evaluated by a designee of the GW SMHS based on the same criteria, including course evaluations used for all other faculty delivering college courses at the institution.
6. GW SMHS shall provide adjunct faculty teaching Dual Enrollment Courses with a copy of course plans and objectives for the college course they are teaching. All course objectives and identified competencies must be included in the course plan and covered per the syllabus.
7. All adjunct faculty teaching Dual Enrollment Courses shall file a copy of their current course syllabus with GW SMHS department chair prior to the start of each course. Content of the syllabus must meet the same criteria as required for all college courses offered at GW SMHS.

### **Admissions**

1. Prerequisites for admission and conditions for transfer credit / advance standing to GW SMHS must be consistent with the most current version of the GW Health Sciences Bulletin, which is published online at: <http://bulletin.gwu.edu/medicine-health-sciences/#Admission>
2. Applicants to GW SMHS must meet published minimum prerequisite course requirements with coursework from a regionally accredited post-secondary institution prior to entry.

## **Section 2: Exchange of Student Grades and Records Administrative Responsibilities**

1. ACPS shall obtain student schedules from the student who may retrieve them from GW SMHS student portal after the Drop period.
2. After one month from the start of the semester, student additions and drops will be considered complete. GW SMHS will send an email to ACPS course instructor requesting a review of the course roster(s) and to provide any necessary changes. Once initial approval is obtained, an electronic roster will be created. This roster will be sent back to ACPS for review and final approval. The course instructor will submit the roster and forwarded to ACPS designee for final approval. When ACPS designee accepts, and submits the roster, this demonstrates an agreement these students will receive college credit for the course(s).
3. In addition, ACPS will verify enrollments in each course section, and course instructors will report grades to GW SMHS within a prescribed period, according to established college procedures.
4. GW will provide feedback to ACPS at the end of each college term via a copy of the student's transcript of final grades.
5. GW SMHS withdrawal process is as follows: Students may officially withdraw from a Dual Enrollment Courses(s) during any give term, provided they follow appropriate policy and procedure. Following the conclusion of the drop period, students may officially withdraw without academic penalty from any course, provided they submit the appropriate forms no later than the published withdrawal deadline.
6. With ACPS approval, dual enrollment students are allowed to repeat a course one time through dual enrollment. All course attempts appear on the transcript and are calculated in the overall GPA at GW SMHS. If a student stops attending class, the grade earned is assigned and posted.
7. ACPS assigns the grade earned at GW SMHS to the high school course or requirement being met by dual enrollment agreement.
8. Termination of enrollment in a college course without satisfactory completion may hinder timely fulfillment of high school graduation requirements.
9. Students who are matriculated cannot be withdrawn from college classes by ACPS.
10. ACPS assigns the grade earned at GW SMHS to the high school course met by dual enrollment agreement.

### **Section 3: Assessment and Grading System**

The GW SMHS Grading System is as follows: A, Excellent; B, Good; C, Satisfactory; D, Low Pass; F, Fail. At the discretion of the program and individual faculty, "+" or "-" (plus or minus) grades also may be assigned. Except for courses that specifically state that repetition for credit is permitted, a candidate for an undergraduate degree or undergraduate-level certificate (including post-baccalaureate certificate) at GW may not repeat a course in which a grade of D or above was received, unless a petition to do so is approved by the appropriate dean and/or chair upon recommendation of the program director. If a course is repeated, the first grade remains on the student's record and is included in the cumulative GPA.

Symbols that may appear on the transcript include CR, Credit; AU, Audit; P, Pass; NP, No Pass; I, Incomplete; IPG, In Progress; W, Authorized Withdrawal; Z, Unauthorized Withdrawal. These symbols are not considered in determining the GPA.

The GW SMHS Grading Scale is as follows:

93-100 = A  
90-92 = A-  
87-89 = B+  
83-86 = B  
80-82 = B-  
77-79 = C+  
73-76 = C  
70-72 = C-  
67-69 = D+  
63-66 = D  
60-62 = D-  
Below 60 = F

#### **Section 4: Course Requirements and Illustrative Curricular Sequences**

Course requirements during high school grades 9 through 12 are detailed within the sample curricular sequences that follow. These illustrations include various courses designated for DE or advanced placement credit, but the courses proposed for development in partnership with GW SMHS are limited to those within the sections entitled "Other Credits."

Additional courses illustrated within the sequences, including various general education courses, are available to students via existing dual enrollment between ACPS and another regionally accredited post-secondary institution, which is described in the ACPS Program of Studies; the most recent version is published online:

<https://www.acps.k12.va.us/cms/lib/VA01918616/Centricity/Domain/822/program-of-studies.pdf>

**Appendix B**

**Dual Enrollment Contract between NVCC and ACPS**

**Dual Enrollment Contract**

**Virginia Community College System Qualifications of  
Faculty**

**School Approval Form**

**General Education Certificate and Course Offerings**

**Dual Enrollment Contract**  
**Between**  
**Northern Virginia Community College**  
**and**  
**Alexandria City Public Schools**

The purpose of this Agreement is to set out the terms and conditions upon which courses will be offered under the "Governing Principles for Dual Enrollment between Virginia Public Schools and the Virginia Community College System" (2015) (herein after "Governing Principles for Dual Enrollment"). This document replaces the "Virginia Plan for Dual Enrollment Between Virginia Public Schools and Community Colleges," which was established by the Secretary of Education, the VCCS Chancellor, and the Superintendent of Public Instruction in January 2005. The purpose of this offering is to allow high school students to take college-level courses and receive both college credit and high school credit towards graduation.

Each party does hereby agree to the following:

1. Under this Agreement, Northern Virginia Community College, (herein after "the College"), will make available college-level courses to students of Alexandria City Public Schools for the 2017-2018 academic year.

The courses to be offered will be established by mutual agreement of both parties for the fall and spring semesters. A list of courses can be found as Attachment 1, and are hereby incorporated into this Agreement.

The responsibilities of the parties pursuant to this Agreement are conditional upon student registration for the course(s) being completed and subject to adequate student enrollment as determined by the College. The College reserves the right to cancel any class sections no later than the census date for the class as determined by the College. Upon agreement of both parties, the parties may add sections no later than the census date for the class as determined by the College.

2. Tuition & Fees

Pursuant to the Governing Principles for Dual Enrollment, schools and colleges should provide high school students the opportunity for dual enrollment at little or no direct cost to them or their families. Virginia Community College System policy requires that full tuition and fees must be paid to the College for each student enrolled in dual enrollment courses.

When the School pays the tuition and fees on behalf of the student, the College will bill the School on a semester basis. However, the College may reimburse the School a portion of the tuition charged directly to the School in recognition of the School's contribution of resources toward student participation in the dual enrollment program when dual enrollment courses are held at the School.

When dual enrollment courses are held at the School and are taught by a qualified high school teacher, in accordance with the Virginia Community College Dual Enrollment Financial Model, the College will reimburse the School. The minimum amount of tuition that will be reimbursed is 60% of tuition charged. The reimbursement rate can be increased up to 100% of the tuition charged based on specific options negotiated by the College and School. Total

Revised March 2017

reimbursement may not exceed 100% of tuition charged. The School may not charge dual enrollment students or their families more than the actual cost of tuition and fees charged.

When dual enrollment courses are held at the School and are taught by College faculty, the College may decrease the amount of reimbursement to the School by the costs associated with College faculty teaching those courses. The VCCS Dual Enrollment Financial Model applies only when dual enrollment courses are taught at the high school.

The Parties agree that only the courses listed in Attachment 1 shall be governed by the terms of this Agreement. Any student who enrolls in a College course not governed by the terms of this Agreement shall pay the mandatory tuition and fees established by the State Board for Community Colleges at the rate then in effect at the time the classes begin. The College shall bill the students directly.

3. Textbooks

The College reserves the right to determine the textbooks used in dual enrollment courses. The provision of all dual enrollment course textbooks is the responsibility of the Alexandria City Public Schools.

4. Payment for Other Services

Fees and reimbursement for other costs and services will be determined by mutual consent of the Alexandria City Public Schools and the College per Attachment 2, which is hereby incorporated herein and made a part of this Agreement.

5. Faculty

a. Selection

(1) Authority

The selection of high school faculty members of the Alexandria City Public Schools to teach all dual enrollment courses governed by the terms of this Agreement will be pursuant to the requirements set by the College. Alexandria City Public Schools may recommend qualified teachers who are interested in teaching dual enrollment course(s) to the College for consideration. The College shall select all other faculty members teaching dual enrollment course(s) from its full-time faculty or hire part-time faculty.

(2) College and high school faculty teaching dual enrollment courses must meet the minimum credential requirements set forth by Form VCCS-29 (Attachment 3) and the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC).



- (3) The Parties agree that nothing in this Agreement is intended to, or shall create, an employer/employee relationship between the College and high school faculty members of the Alexandria City Public Schools.

b. Payment

If the faculty member for the dual enrollment course(s) is employed full time by Alexandria City Public Schools and the course(s) are part of the assigned teaching workload, the College shall reimburse Alexandria City Public Schools for the services of its employee. The College shall not enter into a separate employment agreement with high school faculty members of the Alexandria City Public Schools to teach dual enrollment courses at the high school. The College may, however, employ high school teachers as adjunct faculty of the College. If the College employs a faculty member that is not affiliated with the Alexandria City Public Schools, the College will compensate the faculty member directly. Direct reimbursement and/or payment of faculty salaries will be in accordance with the Virginia Community College System approved lecturer rates depending on qualifications of the instructor and will occur no later than the end of the semester of the course. The College and Alexandria City Public Schools may agree in writing to other reimbursement procedures.

c. Faculty Responsibilities

- (1) Dual enrollment faculty members must comply with policies and procedures related to the dual enrollment courses they teach, as provided in the Governing Principles for Dual Enrollment.

(2) Evaluation

- i. Faculty Evaluation - The College will enforce criteria to evaluate the effectiveness of each high school dual enrollment faculty member from the college guidelines and procedures established for adjunct faculty. The College will evaluate adjunct College faculty teaching a dual enrollment course in accordance with the College's adjunct faculty evaluation process. The College will evaluate full-time community college faculty teaching a dual enrollment course in accordance with the College's full-time faculty evaluation process.
- ii. Student Evaluation – The College will require student evaluations of faculty effectiveness each semester for each course offered in the dual enrollment program and will use the same instruments used for all adjunct or full-time faculty members. The College will compile the results of the student evaluations of teaching effectiveness and share them with the academic dean or designee, the faculty member, and the designated public school representative.

d. Professional Development

Under the terms of this contract, dual enrollment faculty may take advantage of professional development opportunities offered by the College, as approved by Alexandria City Public Schools and the College.

6. Students

a. Selection and Eligibility to Participate in Dual Enrollment Program

- (1) In order to enroll in a dual enrollment course, high school students must have permission of their parent or guardian to participate, be recommended by their high school principal to cross register, and meet all course prerequisites.
- (2) Students must meet admission and course placement requirements of the College. Requirements for admission include the completion of and application for admission to the College, transcripts, and the completion and receipt of satisfactory scores on the College's placement tests when required.
- (3) The College may make exceptions to the policies established in 6.0.1.1 regarding student eligibility on a case-by-case basis, if the public school principal and community college president approve and if such exceptions are in accordance with the *VCCS Policy Manual*.

- b. All dual enrollment students must adhere to policies within the *VCCS Policy Manual*, unless specifically noted in this Agreement.

7. College Administrative Responsibilities

- a. Dual enrollment students must be registered by the end of the add/drop period (no later than the last day to drop) established for each course, which corresponds to 15% of the calendar days in a session, which includes all instructional and exam days; exceptions must be approved by the Vice Chancellor for Academic Services and Research, Virginia Community College System.
- b. Dual enrolled courses taught at the School may not include non-dual enrolled students without the written approval of the community college president.
- c. The College, through its faculty, will provide the appropriate Alexandria City Public Schools officials with progress reports on each student from time to time as agreed upon by the Parties. At the conclusion of each college academic term, the student will receive a college grade for each course in which he/she was registered and such grades will become part of the student's permanent college record.
- d. A record will be maintained by the College for each dual enrollment student as a part of the permanent college record maintained by the College's Admissions and Records

office. The College will send transcripts to colleges/universities upon a student's request.

- e. The College will provide a minimum of 750 minutes of instruction (to include testing and evaluation) for each lecture credit or lab contact hour per semester to Alexandria City Public Schools students enrolled in college courses under this Agreement.

8. High School Administrative Responsibilities

- a. Alexandria City Public Schools will provide to the College testing scores for students who take the PSAT, SAT, ACT or SOL in lieu of the Virginia Placement Test within a prescribed period of time, according to established college procedures.

- b. Alexandria City Public Schools will provide a list of courses to be offered and verify enrollments in each class section, and instructors will report grades to the College within a prescribed period of time, according to established college procedures.

9. Award of Credit

College and high school credit shall be awarded to the participating high school student upon successful completion of the dual enrollment course.

10. Award of Credential

The Alexandria City Public Schools and College shall provide a pathway for participating students to complete a career studies certificate, certificate, including the General Education Certificate, or an associate degree concurrent with their high school diploma. Credit awarded for applicable dual enrollment courses and Advanced Placement courses with qualifying exam scores of three or higher may be applied toward attainment of the aforementioned credentials. The pathways are outlined in Attachment 4, which is hereby incorporated herein and made a part of this Agreement.

11. Course Standards

- a. Course Equivalency, Evaluation, and Assessment

Dual enrollment courses shall be offered for course credit with the same departmental designations, course descriptions, numbers, titles, and credits as those listed in the VCCS Master Course File. All dual enrollment courses shall be equivalent to the pedagogical, theoretical, and philosophical orientation of the College's department and contain the same student learning outcomes, components of the syllabi, level and rigor of content, assessment and evaluation of student learning outcomes and instructional effectiveness. An effective dual enrollment program requires collaboration between the School and the College to evaluate student learning outcomes, program learning outcomes, instructional effectiveness and longitudinal outcomes. This evaluative process shall be coordinated by the College with support from the School to implement and collect information and data in a timely manner.

In order to ensure that dual enrollment courses taught at the School meet the curricular depth and breadth of courses taught at the College, all dual enrollment courses shall have the same student learning outcomes as those courses taught at the College. In addition, student learning outcomes in all dual enrollment courses shall be assessed using common assessment measures identified and approved by the College and utilized in courses taught on campus. All course learning outcomes shall be communicated to students. Where applicable, the College's assessment of program learning outcomes shall include dual enrollment students.

The College and the School shall work together to provide tracking data on the performance of dual enrollment students, including credits completed, college courses attempted and completed, cumulative GPA, high school graduation data, and other data agreed upon. The specific data elements will be reported by the College on a regular basis. In order to ensure the quality and effectiveness of the dual enrollment program, the College will specify and evaluate dual enrollment programmatic outcomes and identify changes intended to result in continuous improvement.

b. Modifications of Policies

Modifications of on-campus policies, procedures, and rules appropriate to the high school setting may be agreed to by the Parties in writing before each term begins.

c. Student Performance

The College reserves the right to advise the student, parents, and School System that the student does not have sufficient skills or abilities to continue in the courses selected after the first semester, and that additional enrollments in dual enrolled courses will not be approved.

12. Agreement Contacts

Contact persons for this Agreement are:

- The School System: Superintendent or Chief Academic Officer
- The School: Principal or School DE Coordinator
- The College: AVP of Academic Services or Director of Dual Enrollment


13. Transferability

Normally, academic courses intended for transfer with a grade of "C" or above will transfer to four-year institutions of higher education. However, the College does not guarantee to students that course credit for dual enrollment courses will transfer to any other college or university. Community college occupational/technical course credits earned are applicable to specific curricula and are intended to prepare students for employment in those areas. While some of these courses may be accepted for transfer, no unified policy on the transfer of VCCS occupational/technical courses exists. The School should advise students to consult with

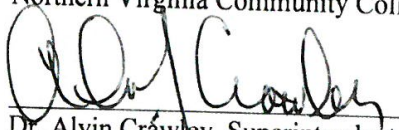
transfer institutions in order to determine if their dual enrollment courses will be accepted for transfer.

14. The College reserves the right to enroll other qualified students in the courses subject to this contract when those courses are offered on the College's campus or sites not at the high school.
15. Each party will be responsible for liability coverage of its employees and agents in fulfilling its responsibilities under this Agreement, to the extent authorized by law.
16. If either party wishes to terminate this Agreement, a written notice must be provided to the other party within [30]\* days of the requested termination date. Termination will not take place until dual enrollment courses in progress are completed.  
\*The number of days should be negotiated between the Alexandria City Public Schools and the Community College.
17. The College or the Alexandria City Public Schools shall not unlawfully discriminate on the basis of race, national origin, ethnicity, religion, gender, age, disability, or any other factor prohibited by Federal or state law in any undertaking pursuant to this Agreement. Students with disabilities will receive academic adjustments and reasonable accommodations through the School pursuant to Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act, as amended, respectively. Academic adjustments and reasonable accommodations for dual enrollment courses that students take for college-level credit shall not be pursuant to the Individuals with Disabilities Education Improvement Act of 2004, 20 U.S.C § 1400. At no time shall the College approve academic adjustments and reasonable accommodations for dual enrollment courses that will fundamentally alter the nature of the course. The Alexandria City Public Schools shall notify all students interested in taking a dual enrollment course of these conditions prior to approving their enrollment in a dual enrollment course.
18. Nothing herein shall be construed as a waiver of the sovereign immunity of the Commonwealth of Virginia or the assumption of any liability contrary to Virginia law.

**Signatures:**

By:   
Dr. Mel Schiavelli, Executive Vice President  
Northern Virginia Community College

\_\_\_\_\_  
Date

  
Dr. Alvin Crawley, Superintendent  
Alexandria City Public Schools

\_\_\_\_\_  
Date

7-18-17





## Virginia Community College System Qualifications of Faculty *Effective July 1, 2005*

Qualifications for faculty in the Virginia Community College System are aligned with the Principles of Accreditation of the Commission on Colleges of the Southern Association of Colleges and Schools (SACS). SACS states:

The institution employs competent faculty members qualified to accomplish the mission and goals of the institution. When determining acceptable qualifications of its faculty, an institution gives primary consideration to the highest earned degree in the discipline in accordance with the guidelines listed below. The institution also considers competence, effectiveness, and capacity, including, as appropriate, undergraduate and graduate degrees, related work experiences in the field, professional licensure and certifications, honors and awards, continuous documented excellence in teaching, or other demonstrated competencies and achievements that contribute to effective teaching and student learning outcomes. For all cases, the institution is responsible for justifying and documenting the qualifications of its faculty.

### Credentia l Guidelines:

1. Faculty teaching associate degree courses designed for transfer to a baccalaureate degree: doctor's or master's degree in the teaching discipline or master's degree with a concentration in the teaching discipline (a minimum of 18 graduate semester hours in the teaching discipline)
2. Faculty teaching associate degree courses not designed for transfer to the baccalaureate degree: bachelor's degree in the teaching discipline, or associate's degree and demonstrated competencies in the teaching discipline.

In addition to the above two categories of faculty specified by SACS, the VCCS adds the following:

3. Faculty teaching courses designed for non-associate degree occupational fields: high school diploma or equivalent with demonstrated competencies in the teaching field.
4. Faculty teaching developmental courses: bachelor's degree in a discipline related to the teaching assignment and either teaching/occupational experience related to the teaching assignment or graduate training in developmental education.

The accompanying chart (VCCS-29) specifies the normal minimum criteria for each faculty rank. This chart applies to teaching faculty and administrators. For administrators and professional faculty (counselors, and librarians), "teaching effectiveness" refers to effective performance in the primary area of responsibility and "teaching experience" includes professional service in the primary area of responsibility. The chart should be used and interpreted in conjunction with the above general principles, Section 3.2 (Faculty Qualifications) of the VCCS Policy Manual, and the following interpretive specifications

### Interpretive Specifications

- ❖ Fulfillment of normal minimum criteria does not guarantee original placement in, or promotion to, a given rank.
- ❖ Minimum degree requirements for original appointments and promotions must be met.
- ❖ The following are appropriate substitutions for requirements beyond the minimum degree specified for a given rank, which may be used at the discretion of the college.
  - a) Teaching experience beyond the minimum required may be used in lieu of occupational experience at the rate of one year of teaching experience being considered equivalent to a required year of occupational experience.
  - b) Occupational experience beyond the minimum required may be used in lieu of teaching experience at the rate of one year of related occupational experience being considered equivalent to a required year of teaching experience.
  - c) Educational preparation above the requirements for initial placement in rank may fulfill requirements for occupational experience and/or teaching experience at the rate of 30 undergraduate credits being considered equivalent to one year of teaching or occupational experience, and 24 graduate credits being considered equivalent to one year of teaching or occupational experience.

- d) Certification in lieu of a degree will be possible for initial hiring in Columns 3 and 5. Business, industry and professional certifications may substitute for educational requirements. Equivalencies must be documented, approved by the president, and placed in the personnel file as an attachment to hiring and promotion documents. Sample equivalencies are available on the System website.
- e) Eighteen graduate semester hours of course work related to the teaching field may substitute for the requirement that a bachelor's degree be related to the teaching field.
- f) Measurement of teaching effectiveness for initial appointments is determined through references; for promotions, it is determined using the evaluation ratings for the two previous years.
- g) The MFA Degree for those faculty who teach a majority of classes in studio art, theater, or creative writing areas shall be recognized as a terminal degree. The requirement of the doctoral degree under columns one and two for such faculty will not be necessary; however, these faculty will still need to satisfy the requirements of credits in the teaching field and another requirements for promotion to upper ranks of the professoriate.
- h) In cases where program accreditation agencies recommend specific graduate courses for faculty, those courses should be considered to be "in the teaching field" for VCCS- 29 purposes regardless of the course prefix or other criteria normally used to determine the status of course work.

#### ❖ **Interpretive Specifications for Promotions Only**

❖ Credit hour equivalency may be granted for no more than a total of 15 semester hours by either a. or b. below or a combination of both during employment with the VCCS.

- a) Active participation in given learning experiences (c. e. u. classes, workshops, conferences, seminars, etc.) when part of a plan approved by the Community College President applying the following formula: 45 contact hours is equivalent to one semester credit hour.
- b) Non- teaching work experience directly related to the faculty member's field at a rate not to exceed 1.25 semester credit hours per month of full- time equivalent work experience and not to include work experience applied toward initial appointment.

- ❖ Any exceptions to the criteria as outlined in the VCCS-29 must be fully justified and documented in accordance with the Community College's Human Resource Delegation Agreement.

3-4A  
7/05 (*Effective Date*)



**Virginia Community College System**  
**NORMAL MINIMUM CRITERIA FOR EACH FACULTY RANK**

**VCCS-29 Normal Minimum Criteria for Each Faculty Rank Effective July 1, 2005**

	Faculty in Specialized Professional or Technical Associate in Applied Sciences or Arts Degree Fields					Faculty in Non-Associate Degree Occupational Fields				
	Faculty in Humanities, Soc. Sciences, Natural Sciences and Math, Developmental Studies, Counselors, Librarians		Faculty in Specialized Professional or Technical Associate in Applied Sciences or Arts Degree Fields		Faculty in Non-Associate Degree Occupational Fields		Faculty in Non-Associate Degree Occupational Fields		Faculty in Non-Associate Degree Occupational Fields	
	Initial Appointment/ Promotions Column 1	Promotions Column 2	Initial Appointment/ Promotions Column 3	Promotions Column 4	Initial Appointment/ Promotions Column 5	Promotions Column 6	Initial Appointment/ Promotions Column 5	Promotions Column 6	Initial Appointment/ Promotions Column 5	Promotions Column 6
<b>ASSISTANT INSTRUCTOR</b>	Appointment on a temporary or emergency basis for a period of one year for persons who meet most of the minimum requirements for the instructor rank and who show evidence of being able to complete such requirements within one year. A one-year renewal only of assistant instructor appointment may be considered upon request of the college administrator for a person who is actively pursuing completion of the necessary requirements.									
<b>INSTRUCTOR</b>										
Teaching Effectiveness	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
Academic Preparation	Master's in field or Master's w/18 grad s.h. in teaching field (The minimum requirement for faculty teaching developmental courses at the instructor level is a baccalaureate degree.)	Master's + 15 grad s.h. (27 grad s.h. in teaching field)	Bachelor's in teaching field or Associate's in teaching field with demonstrated competency in teaching field.	Bachelor's in teaching field +15 grad s.h.	Assoc. or equiv. (Major in teaching field)	H.S. dip. or equiv. Assoc. or equiv. in teaching field preferred.	H.S. dip. or equiv. Assoc. or equiv. in teaching field preferred.	H.S. dip. or equiv. Assoc. or equiv. in teaching field preferred.	H.S. dip. or equiv. Assoc. or equiv. in teaching field preferred.	H.S. dip. or equiv. Assoc. or equiv. in teaching field preferred.
Experience:	0 yrs.	0 yrs.	2 yrs.	2 yrs.	5 yrs.	5 yrs.	5 yrs.	5 yrs.	5 yrs.	5 yrs.
Related Occup. Exp.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.
Total Teaching Exp.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.
FTI Community College Experience	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.
Professional Activities and Contributions	Demonstrates Potential	Demonstrates Potential	Demonstrates Potential	Demonstrates Potential	Demonstrates Potential	Demonstrates Potential	Demonstrates Potential	Demonstrates Potential	Demonstrates Potential	Demonstrates Potential
<b>ASSISTANT PROFESSOR</b>										
Teaching Effectiveness	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
Academic Preparation	Master's + 24 grad s.h. (27 grad s.h. in teaching field)	Master's + 15 grad s.h. (27 grad s.h. in teaching field)	Bachelor's in teaching field + 24 grad s.h.	Bachelor's in teaching field +15 grad s.h.	Assoc. or equiv. (Major in teaching field)	Assoc. or equiv. (Major in teaching field)	Assoc. or equiv. (Major in teaching field)	Assoc. or equiv. (Major in teaching field)	Assoc. or equiv. (Major in teaching field)	Assoc. or equiv. (Major in teaching field)
Experience:	0 yrs.	0 yrs.	2 yrs.	2 yrs.	5 yrs.	5 yrs.	5 yrs.	5 yrs.	5 yrs.	5 yrs.
Related Occup. Exp.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.
Total Teaching Exp.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.
FTI Community College Experience	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.
Professional Activities and Contributions	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
<b>ASSOCIATE PROFESSOR</b>										
Teaching Effectiveness	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Academic Preparation	Doctorate (36 grad s.h. in teaching field)	Master's + 39 grad s.h. (36 grad hours in teaching field)	Master's related to teaching field +15 grad s.h.	Master's related to teaching field	Bachelor's related to the teaching field	Assoc. related to the teaching field or equiv. +30 s.h.	Bachelor's related to the teaching field	Assoc. related to the teaching field or equiv. +30 s.h.	Bachelor's related to the teaching field	Assoc. related to the teaching field or equiv. +30 s.h.
Experience:	0 yrs.	0 yrs.	2 yrs.	2 yrs.	5 yrs.	5 yrs.	5 yrs.	5 yrs.	5 yrs.	5 yrs.
Related Occup. Exp.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.
Total Teaching Exp.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.
FTI Community College Experience	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.
Professional Activities and Contributions	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
Min. VCCS Exp. in Previous Rank	0 yrs.	3 yrs.	0 yrs.	3 yrs.	0 yrs.	3 yrs.	0 yrs.	3 yrs.	0 yrs.	3 yrs.
<b>PROFESSOR</b>										
Teaching Effectiveness	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Academic Preparation	Doctorate (36 grad s.h. in teaching field)	Doctorate (36 hours in teaching field)	Master's related to teaching field +36 grad s.h.	Master's related to teaching field +36 grad s.h.	Master's related to the teaching field	Master's related to the teaching field	Master's related to the teaching field	Master's related to the teaching field	Master's related to the teaching field	Master's related to the teaching field
Experience:	0 yrs.	0 yrs.	2 yrs.	2 yrs.	5 yrs.	5 yrs.	5 yrs.	5 yrs.	5 yrs.	5 yrs.
Related Occup. Exp.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.
Total Teaching Exp.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.
FTI Community College Experience	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.	0 yrs.
Professional Activities and Contributions	Exceptional	Exceptional	Exceptional	Exceptional	Exceptional	Exceptional	Exceptional	Exceptional	Exceptional	Exceptional
Min VCCS Exp. in Previous Rank	0 yrs.	3 yrs.	0 yrs.	3 yrs.	0 yrs.	3 yrs.	0 yrs.	3 yrs.	0 yrs.	3 yrs.

3-5A  
7/05 (Effective Date)

## Contract Dual Enrollment Course Offering Approval

High School Name: TC Williams HS District: APCS  
Principal Name: Peter Balas Email: peter.balas@acps.k12.va.us Academic Year: 2017-2018

**Dual Enrollment Primary Contact – *Please change if incorrect.***

Name: Michele Coffman  
Title: CTE Specialist  
Phone: 703-824-6805, ext 6199  
Email: michele.coffman@acps.k12.va.us

By signing this document, I am verifying that the courses listed below will be offered in the high school during the 2017-2018 academic year. I also acknowledge that the students who are enrolled and successfully complete the course(s) will receive both college and high school credit.

Principal's Signature

Date

TC Williams High School	AUT 100	2	Introduction to Automotive Shop Practices	Auto Tech 2
TC Williams High School	AUT 241	4	Automotive Electricity I	Auto Tech 2
TC Williams High School	AUT 100	2	Introduction to Automotive Shop Practices	Auto Tech 2
TC Williams High School	AUT 241	4	Automotive Electricity I	Auto Tech 2
TC Williams High School	AUT 242	4	Automotive Electricity II	Auto Tech 3
TC Williams High School	AUT 265	4	Automotive Braking Systems	Auto Tech 2
TC Williams High School	AUT 265	4	Automotive Braking Systems	Auto Tech 2
TC Williams High School	AUT 266	4	Automotive Alignment, Suspension and Steering	Auto Tech 3
TC Williams High School	BUS 116	3	Entrepreneurship	Entrepreneurship 1
TC Williams High School	BUS 165	3	Small Business Management	Advanced Entrepreneurship
TC Williams High School	CHD 120	3	Introduction to Early Childhood Education	Early Childhood Careers II
TC Williams High School	CHD 145	3	Teaching Art, Music & Movement to Children	Early Childhood Careers II
TC Williams High School	CHD 165	3	Observation & Participation in Early Childhood Education	Early Childhood Careers II

TC Williams High School	EGR 130	5	Statics and Strength of Materials for Engineering Technology	DE Statics
TC Williams High School	ENG 111/112	6	College Composition I/II	DE College Composition 11
TC Williams High School	ENG 111/112	6	College Composition I/II	DE College Composition 12
TC Williams High School	ENG 251/252	6	Survey of World Literature I/II	DE College World Literature
TC Williams High School	FIN 248	3	International Finance	AOF: Introduction to Business and International Finance
TC Williams High School	HIM 111	3	Medical Terminology	Surgical Technologist
TC Williams High School	HIM 111	3	Medical Terminology	DE Medical Terminology
TC Williams High School	HIS 121/122	6	United States History I/II	DE College US History
TC Williams High School	MTH 291/292	3	Differential Equations/ Topics in Differential Equations	DE Differential Equations
TC Williams High School	MTH 174	5	Calculus with Analytic Geometry II	DE Calculus
TC Williams High School	PHT 130/131	6	Video I/II	TV Production 1
TC Williams High School	PHT 274	3	Digital Film Editing and Post Production	TV Production 2

*\*If you are eliminating a class, please cross it out in the chart above and initial the line.*

*If you are adding additional courses, please contact your Dual Enrollment Coordinator and confirm the teacher has received approval from NOVA to serve as adjunct faculty within your high school and list the required information below:*

NOVA College Course (prefix, number & name)	Credit	Teacher Name	High School Course Equivalent Name

*Please return this form to the Director of Dual Enrollment Amy Nearman, [anearman@nvcc.edu](mailto:anearman@nvcc.edu)*

## Dual Enrollment

Dual Enrollment is a program that allows high school students to earn college credit for courses they are taking in high school. The courses are taught by high school faculty who meet the credentials to teach college level courses. The teachers follow the college curriculum, use college approved textbooks, and work with a mentor, who is a full-time college faculty member to ensure they are delivering a college-level course.

In the Spring of 2012 legislation (HB 1184) was passed that *“Requires local school boards and community colleges to develop agreements allowing high school students to complete an associate’s degree or a one-year Uniform Certificate of General Studies from a community college concurrent with a high school diploma.”*

In addition, **The Uniform Certificate of General Studies** (HB 441); *clarifies that credits earned in academic subject area coursework as part of the Uniform Certificate of General Studies shall be transferable to a four-year public institution of higher education.* Students interested in attending private or colleges outside of Virginia should contact that college’s admission’s office regarding their dual enrollment policies.

Alexandria City Public Schools has been working with Northern Virginia Community College (NOVA) to create both a one-year General Studies Certificate and identify possible Associate Degree programs students could pursue while in high school. The following chart identifies the course requirements for the General Studies Certificate and courses offered at TC Williams High School that students can take to meet these requirements. The Certificate can be earned through a combination of Advanced Placement and Dual Enrollment courses, however at least twenty-five percent (25%) of the credits must be earned via dual enrollment to earn the college certificate.

Students interested in pursuing an Associate Degree while in high school should work with their counselor and NOVA to identify appropriate courses. Information about specific degree programs can be found online at <https://www.nvcc.edu/curcatalog/>.

### Alexandria City Public Schools General Studies Certificate

The following articulates a pathway for a qualifying student within Alexandria City Public Schools to complete the Northern Virginia Community College General Studies Certificate. To be eligible for this certificate all course requirements must be met **before** high school graduation and **at least twenty-five percent (25%), or nine (9) credits must be taken as dual enrollment courses**

*When choosing college courses it is wise to check transferability with the colleges you are interested in attending.*

NOVA Course	College Credits	High School Credit	Possible High School Courses
ENG 111 / 112 College Composition I & II	6	1	AP Courses with 3 or better on exam AP Language & Composition = ENG 111 - 112 AP Literature & Composition = ENG 11- 112 <b>DE ENG 111 / 112 College Composition I &amp; II</b>

MTH 151 / 152 Math for the Liberal Arts  <b>OR</b> higher level math courses	3-10 depending on course	1	<i>AP Courses with 3 or better on exam</i> AP Calculus AB =MTH 173 AP Calculus BC = MTH 173-174 AP Statistics = MTH 241 <b>DE MTH 174 Calculus Analytic Geometry II</b> <b>DE MTH 291 Differential Equations</b> <b>DE MTH 292 Topics in Differential Equations</b>
2 Physical or Life Science with Lab I & II	8	1-2	<i>AP Courses with 3 or better on exam</i> AP Biology = BIO 101-102 AP Chemistry = CHM 111-112 AP Environmental Science = ENV 121-122 *AP Physics courses are currently under review
<b>3 Social Science Classes approved by District</b>	9	1.5 - 2 credits, students need at least two high school courses	<i>AP Courses with 3 or better on exam</i> AP European History = HIS 101-102 AP Virginia & US History = HIS 121-122 AP World History = HIS 111-112 AP Virginia & US Government = PLS 135-211 AP Comparative Government=PLS120 AP Economics, Macro = ECO 201 AP Economics, Micro = ECO 202 AP Psychology = PSY 201-202 <b>DE HIS 121-122 US History I &amp; II</b>
<b>2 Humanity Classes approved by District</b>	6	1	<i>AP Courses with 3 or better on exam</i> AP Chinese = CHI 201-202 AP French V = FRE 201-202 AP German V = GER 201-202 AP Latin V = LAT 201-202 AP Music Theory = MUS 111-112 AP Spanish V = SPA 201-202 AP Spanish Literature V = SPA 233 + SPA elective OR SPA 271-272 AP Art History = ART 101-102 <b>DE ENG 251-252 Survey of World Literature I &amp; II</b>
SDV 100 College Success Skills	1	0	No equivalent high school course. Would need to take through NOVA,

33-40

- (1)Any modification to the above pathway will be outlined in writing and agreed upon by the College and School Division. Any modifications will not prevent students from obtaining the plan's intended credential.
- (2)In order to participate in the above pathway, a student must meet all Dual Enrollment admission requirements and College program requirements, including placement tests. In order to enroll in any of the courses noted in the pathway, all course pre-requisites must be met.
- (3)Program information including purpose, occupational objectives, admission requirements, notes, computer competency requirements, and course requirements may be found in the College catalog found at [www.nvcc.edu/curcatalog/](http://www.nvcc.edu/curcatalog/)

## **Dual Enrollment Process**

In order to dual enroll in any course students must apply to NOVA and demonstrate college readiness in English & math. The Virginia Placement test is offered at TC Williams several times during the year or students can go to any NOVA campus to take the test. Additional information about the placement test and practice tests can be found online at: <http://www.nvcc.edu/testing/index.html>. Students may choose to use scores from approved alternative assessments in lieu of taking the Virginia Placement Test, but must attach an official score report with their full name. All tests must have been completed within the past two years.

### **Approved Alternative Assessments**

#### **All tests must have been taken with in two years**

**PSAT Scores-** 390 Evidence –Based Reading &  
Writing  
500 Evidence – Based Math

**SAT Scores-** 560 Evidence Based Reading &  
Writing  
550 on Math

**AP Scores-** 3 or better on AP English Language  
or Literature  
3 or better on AP Calculus

**ACT Scores-** 18 on English, Reading & Writing  
22 on Math

**SOL Math Scores-** Passing score on Algebra I or  
higher  
The English SOL in **NOT** an  
approved alternative

Once a student has applied to NOVA and has taken appropriate placement tests, they must complete a Dual Enrollment Intent Form that requires parental signature. For most elective courses students have the option not to take the course for dual enrollment credit, but only for high school credit. The following is a list of courses that are expected to be offered during the 2018-2019 school year. Courses will only be offered if there is sufficient enrollment.

### 2018-2019 Expected Course Offerings and Test Requirements

Department	T.C. Williams Course	College Course & Teacher	English Requirement	Math Requirement
<b>Business &amp; Information Technology</b>	DE AOF: Introduction to Business and International Finance	FIN 248, International Finance, 3 credits	Level I on VPT English	Level I on VPT Math
<b>English</b>	DE College Composition (11 or 12)	ENG 111 & ENG 112, College Composition, 6 credits	Level IV on VPT English	Level I on VPT Math
<b>English</b>	<i>DE College World Literature</i>	<i>ENG 251 &amp; 252, Survey of World Literature, 6 credits</i>	<i>DE College Comp or 3 or higher on AP English Language</i>	<i>Level I on VPT Math</i>
<b>Family &amp; Consumer Science</b>	DE Early Childhood Education II	CHD 120, Intro to ECE, 3 credits CHD 145, Teaching, Art, Music & Movement to Children, 3 credits CHD 165, Observation & Participation in ECE, 3 credits	Level I on VPT English	Level I on VPT Math
<b>Health &amp; Medical Sciences</b>	DE Medical Terminology	HIM 111, Medical Terminology, 3 credits	Level I on VPT English	Level I on VPT Math
<b>Health &amp; Medical Sciences</b>	DE Surgical Technologist	HIM 111, Medical Terminology, 3 credits	Level I on VPT English	Level I on VPT Math
<b>Math</b>	DE Calculus with Analytic Geometry II	MTH 174, Calculus with Analytic Geometry II, 5 credits	Level III on VPT English	<b>4 or higher on AP Calc AB</b>
<b>Math</b>	DE Differential Equations	MTH 291 & 292, Differential Equations, 6 credits	Level III on VPT English	<b>3 or higher on AP Calc BC</b>
<b>Marketing</b>	DE Entrepreneurship	BUS 116, Entrepreneurship, 3 credits	Level I on VPT English	Level I on VPT Math



<b>Marketing</b>	<i>DE Advanced Entrepreneurship</i>	<i>BUS 165, Small Business Management, 3 credits</i>	<i>DE Entrepreneurship</i>	<i>DE Entrepreneurship</i>
<b>Social Studies</b>	DE College US History	HIS 121-122, United States History, 6 credits	Level III on VPT English	Level I on VPT Math
<b>Technology Education</b>	DE Engineering Statics & Strength of Materials	EGR 130, Statics and Strength of Materials for Engineering Technology, 5 credits	Level III on VPT English	<b>Place into Calculus (MTH173) or 3 or higher on AP Calc AB or BC</b>
<b>Trade &amp; Industry</b>	DE TV Production II	PHT 130 & PHT 131, Video I & II, 6 credits	Level III on VPT English	Level I on VPT Math
<b>Trade &amp; Industry</b>	<i>DE TV Production III</i>	<i>PHT 274 Digital Film Editing &amp; Post Production, 3 credits</i>	<i>DE TV Production II</i>	<i>DE TV Production II</i>
<b>Trade &amp; Industry</b>	DE Automotive Technology II	AUT 100, Intro to Auto Shop Practice, 2 credits AUT 241 Automotive Electricity I, 4 credits AUT 265 Automotive Braking, 4 credits	Level I on VPT English	Level I on VPT Math
<b>Trade &amp; Industry</b>	<i>DE Automotive Technology III</i>	<i>AUT 242 Automotive Electricity II, 4 credits</i> <i>AUT 266 Automotive Alignment, Suspension &amp; Steering 4 credits</i>	<i>DE Automotive Technology II</i>	<i>DE Automotive Technology II</i>

***\*Courses in Italics are advanced level courses and students should have taken the previous dual enrollment course or AP equivalent course.***

## **Appendix C**

# **Workplace Readiness Skills for the Commonwealth**

# Workplace Readiness Skills for the Commonwealth

Needs Identified by Virginia Employers

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## ***Personal Qualities and People Skills***

1. **POSITIVE WORK ETHIC:** Comes to work every day on time, is willing to take direction, and is motivated to accomplish the task at hand
2. **INTEGRITY:** Abides by workplace policies and laws and demonstrates honesty and reliability
3. **TEAMWORK:** Contributes to the success of the team, assists others, and requests help when needed
4. **SELF-REPRESENTATION:** Dresses appropriately and uses language and manners suitable for the workplace
5. **DIVERSITY AWARENESS:** Works well with all customers and coworkers
6. **CONFLICT RESOLUTION:** Negotiates diplomatic solutions to interpersonal and workplace issues
7. **CREATIVITY AND RESOURCEFULNESS:** Contributes new ideas and works with initiative

## ***Professional Knowledge and Skills***

8. **SPEAKING AND LISTENING:** Follows directions and communicates effectively with customers and fellow employees
9. **READING AND WRITING:** Reads and interprets workplace documents and writes clearly
10. **CRITICAL THINKING AND PROBLEM SOLVING:** Analyzes and resolves problems that arise in completing assigned tasks
11. **HEALTH AND SAFETY:** Follows safety guidelines and manages personal health
12. **ORGANIZATIONS, SYSTEMS, AND CLIMATES:** Identifies “big picture” issues and his or her role in fulfilling the mission of the workplace
13. **LIFELONG LEARNING:** Continually acquires new industry-related information and improves professional skills
14. **JOB ACQUISITION AND ADVANCEMENT:** Prepares to apply for a job and to seek promotion
15. **TIME, TASK, AND RESOURCE MANAGEMENT:** Organizes and implements a productive plan of work
16. **MATHEMATICS:** Uses mathematical reasoning to accomplish tasks
17. **CUSTOMER SERVICE:** Identifies and addresses the needs of all customers, providing helpful, courteous, and knowledgeable service

## ***Technology Knowledge and Skills***

18. **JOB-SPECIFIC TECHNOLOGIES:** Selects and safely uses technological resources to accomplish work responsibilities in a productive manner
  19. **INFORMATION TECHNOLOGY:** Uses computers, file management techniques, and software/programs effectively
  20. **INTERNET USE AND SECURITY:** Uses the Internet appropriately for work
  21. **TELECOMMUNICATIONS:** Selects and uses appropriate devices, services, and applications
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**Appendix D**

**Commonwealth of Virginia Plans of Study**

**Surgical**

**Nursing**

**Biomedical Informatics**

**Sports Medicine**

**Emergency Medical Services**

**Pharmacy**

**Medical Laboratory Sciences**

**Cluster: Health Sciences**

**Pathway: Therapeutic Services**

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS		GRADE	English/ Language Arts	Mathematics	Science	Social Studies/ Science	Other Required Courses Recommended Electives Learner Activities	Recommended Career and Technical Courses Source: Administrative Planning Guide http://www.cteresource.org/apg / /index.shtml	SAMPLE – Occupations Relating to This Pathway: http://www.doe.virginia.gov/instruction/career_clusters/sample_plans_study_index.shtml http://www.cteresource.org/cp
NOTE: Indicate State Course Titles and Codes									
Graduation Requirements: http://www.doe.virginia.gov/instruction/graduation/index.shtml									
MIDDLE	7	English 7 (1110)	Math 7 (3111)	Life Science (4115)	U S History (2354)	Health, PE, Family Life (7120)	Computer Solutions (6609-18)	Central Sterile Supply Technician	
	8	English 8 (1120)	Math 8 (3121) or Algebra I (3130)	Physical Science (4125)	Civics & Economics (2357)	Health, PE, Family Life (7200)	Digital Input Technologies (6160)	Instrument Technician Sterile Preparation Technician Sterilization Technician Operating Room Surgical Technician	
Career Assessment: Identify an appropriate career assessment instrument at the middle school level used to help students and their parents plan for high school: VA Wizard <input type="checkbox"/> or other assessment (please indicate): <b>Naviance</b>									
SECONDARY	9	English 9 (1130)	Algebra I (3130) or Geometry (3143)	Biology (4310)	World History/ Geography I (2215)	Economics & Personal Finance (6120) Health & PE (2 years) Foreign Language (3 years) Other Electives to Complement Pathway (Core Academic and CTE):	Health & Medical Sciences Exploration (8302)	Operating Room Technologist Surgical Scrub Technician Surgical Technologist	
	10	English 10 (1140)	Geometry (3143) or Algebra II (3135)	Earth Sciences (4210)	World History/ Geography II (2216) or AP World (2380)		Medical Terminology w/ Anatomy & Physiology (8383)	Certified First Assistant (CFA), Certified Surgical Assistant	
	11	English 11 (1150) or AP Language (1196) or DE College Composition (1601)	Algebra II (3135) or Pre-Calculus (3162)	Chemistry (4410)	USVA History (2360) or DE US History or AP US History (2319)		Sterile Processing (8367)	Certified Surgical First Assistant	
	12	English 12 (1160) or AP Literature (1195) or DE World Literature (1602)	Pre-Calculus (3162) or AP Calculus BC (3177)	AP Science or Anatomy & Physiology (4330)	USVA Government(2440) or AP Government (2445)		Surgical Technologist (8351)	Assistant Certified Surgical Technician, Gastrointestinal Technician Surgical First Assistant	
College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment), AP (Advanced Placement) and/or VC (Validated Credit)									
List related certifications/credentials approved by VDOE and offered locally: <a href="http://www.cteresource.org/apg">http://www.cteresource.org/apg</a> (Go to Certification – License Section) Certified Registered Central Service Technician CPR Financial Literacy Certification (WISE) Workplace Readiness Skills for the Commonwealth (CTECS)									
<b>Additional Learning Opportunities:</b> CTSO Organization(s): <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <input type="checkbox"/> TSA <input type="checkbox"/> FEA <input type="checkbox"/> X HOSA <input type="checkbox"/> SkillsUSA <b>Work-Based Learning:</b> <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Mentorship <input type="checkbox"/> Career Research <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Student Apprenticeship <input type="checkbox"/> X Job Shadowing College Entrance Exams such as ACT, SAT and AP									
SAMPLE POSTSECONDARY PROGRAMS RELATED TO THIS CAREER PATHWAY Individual plans must include locally agreed upon courses at the postsecondary level (See page 2)									

	Pathway	Associate Degree, College Certificate, or Apprenticeship	Bachelors Degree	Postgraduate Degree
	Therapeutic Services	Surgical Technology, A.A.S.	Health Science, B.S.	Health Sciences, M.S.

College: [Lord Fairfax Community College](#)

School Division(s): [Alexandria City Public Schools](#)

Postsecondary: Placement Assessments such as Virginia Placement Test, ACT or SAT					
Semester	English	Mathematics	Science	Social Studies	Required Courses or Recommended Electives
POSTSECONDARY PLAN OF STUDIES MUST INCLUDE POSTSECONDARY ACADEMIC, CTE, AND OTHER ELECTIVE COURSES APPROPRIATE FOR AN ASSOCIATE DEGREE.					
Year 1 Semester 1st			BIO 141 Anatomy & Physiology I	HIM 111 Medical Terminology	SUR 140 Introduction to Surgical Care SUR 145 Fundamentals of Surgical Care I
Year 1 Semester 2nd			BIO 142 Anatomy & Physiology II	SUR 250 Surgical Pharmacology	SDV 101 Orientation to Health Professions
Year 2 Semester 1st	ENG 111 College Composition I		BIO 150 Microbiology	SUR 260 Surgical Technology Clinical Practicum	
Year 2 Semester 2nd					
College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment), AP (Advanced Placement) and/or VC (Validated Credit)					
Related Industry Certifications Available:			Additional Suggested Learning Opportunities:		
			<b>Work-Based Learning:</b> <input type="checkbox"/> Cooperative Education <input checked="" type="checkbox"/> Internship <input type="checkbox"/> Mentorship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Registered Apprenticeship		
UNIVERSITY University/College: The George Washington University Degree or Major: Health Sciences Number of Articulated CC Credits: 16 Credits					
<b>Notes:</b> TC Williams also offers a one year post-graduation program to become certified Surgical Technologists.					

# Commonwealth of Virginia

## Plan of Study

### Cluster: Health Sciences

### Pathway: Therapeutic Services

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

Requirements:		GRADE	English/ Language Arts	Mathematics	Science	Social Studies/ Science	Other Required Courses Recommended Electives Learner Activities	Recommended Career and Technical Courses Source: Administrative Planning Guide http://www.cteresource.org/apg	SAMPLE – Occupations Relating to This Pathway: http://www.doe.virginia.gov/instruction/career_clusters/sample_plans_study/index.shtml http://www.careerclusters.org ers.org http://www.cteresource.org/cpg/
EDUCATION LEVELS									
		NOTE: Indicate State Course Titles and Codes							
		Graduation Requirements: http://www.doe.virginia.gov/instruction/graduation/index.shtml							
MIDDLE	7	English 7 (1110)	Math 7 (3111)	Life Science (4115)	U S History (2354)	Health, PE, Family Life (7120)	Computer Solutions (6609-18)	Nurse Licensed Practical Nurse	
	8	English 8 (1120)	Math 8 (3121) or Algebra I (3130)	Physical Science (4125)	Civics & Economics (2357)	Health, PE, Family Life (7200)	Digital Input Technologies (6160)	Registered Nurse Home Health Aide Physician's Assistant Medical Assistant Certified Nursing Assistant	
Career Assessment: Identify an appropriate career assessment instrument at the middle school level used to help students and their parents plan for high school: VA Wizard <input type="checkbox"/> or other assessment (please indicate): <b>Naviance</b>									
SECONDARY	9	English 9 (1130)	Algebra I (3130) or Geometry (3143)	Biology (4310)	World History/ Geography I (2215)	Economics & Personal Finance (6120) Health & PE (2 years) Foreign Language (3 years) Other Electives to Complement Pathway (Core Academic and CTE):	Health & Medical Sciences Exploration (8302) Medical Terminology w/ Anatomy & Physiology (8383)	Nurse Instructor Hospital Administrator Medical Translator Family Medical Advocate	
	10	English 10 (1140)	Geometry (3143) or Algebra II (3135)	Earth Sciences (4210)	World History/ Geography II (2216) or AP World (2380)		Nurse Aide (8360)	Therapist Dietician Nutritionist Biochemist	
	11	English 11 (1150) or AP Language (1196) or DE College Composition (1601)	Algebra II (3135) or Pre-Calculus (3162)	Chemistry (4410)	US/VA History (2360) or DE US History or AP US History (2319)		Nurse Aide (8362)	Food Service Worker Nurse Practitioner	
	12	English 12 (1160) or AP Literature (1195) or DE World Literature (1602)	Pre-Calculus (3162) or AP Calculus BC (3177)	AP Science or Anatomy & Physiology (4330)	US/VA Government(2440) or AP Government (2445)				
		College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment), AP (Advanced Placement) and/or VC (Validated Credit)							

<b>POSTSECONDARY</b>	<b>List related certifications/credentials approved by VDOE and offered locally:</b> <a href="http://www.cteresource.org/apq">http://www.cteresource.org/apq</a> (Go to Certification – License Section) Certified Nurse Aide CPR Financial Literacy Certification (WISE) Workplace Readiness Skills for the Commonwealth (CTECS)		<b>Additional Learning Opportunities:</b> CTSO Organization(s): <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <input type="checkbox"/> TSA <input type="checkbox"/> FEA <input checked="" type="checkbox"/> X HOSA <input type="checkbox"/> SkillsUSA <b>Work-Based Learning:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Mentorship <input checked="" type="checkbox"/> X Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Student Apprenticeship	
	College Entrance Exams such as ACT, SAT and AP			
	<b>SAMPLE POSTSECONDARY PROGRAMS RELATED TO THIS CAREER PATHWAY</b> Individual plans must include locally agreed upon courses at the postsecondary level. (See page 2)			
	<b>Pathway</b>  Therapeutic Services	<b>Associate Degree, College Certificate, or Apprenticeship</b>  Nursing, AAS	<b>Bachelor's Degree</b>  Nursing, BS	<b>Postgraduate Degree</b>  Nursing, MS

**School Division(s):** Alexandria City Public Schools

<b>Postsecondary:</b> Placement Assessments such as Virginia Placement Test, ACT or SAT							
<b>POSTSECONDARY</b> - COMMUNITY COLLEGE or APPRENTICESHIP - Determined Locally	<b>Semester</b>	<b>English</b>	<b>Mathematics</b>	<b>Science</b>	<b>Social Studies</b>	<b>Required Courses or Recommended Electives</b>	
	<b>POSTSECONDARY PLAN OF STUDIES MUST INCLUDE POSTSECONDARY ACADEMIC, CTE, AND OTHER ELECTIVE COURSES APPROPRIATE FOR AN ASSOCIATE DEGREE.</b>						
	Year 1 1 <sup>st</sup> Semester				PSY 201 Intro to Psychology I	HLT 141, Intro to Medical Terminology	NUR 111 Nursing I
	Year 1 2 <sup>nd</sup> Semester				PSY 202 Intro to Psychology II	HLT 250 General Pharmacology	NUR 180 Essentials of Maternal/Newborn Nursing
	Year 2 1 <sup>st</sup> Semester	CST 229 Intercultural Communications			Humanities/Fine Arts Elective	NUR 221 Second Level Nursing Principles & Concepts I	
	Year 2 2 <sup>nd</sup> Semester					NUR 222 Second Level Nursing Principles & Concepts II	NUR 254 Nursing Dimensions
						NUR 150 Community Based Nursing in a Multicultural Environment	
						NUR 201 Psychiatric Nursing	
						NUR 255 Nursing Organization & Management	
<b>College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment), AP (Advanced Placement) and/or VC (Validated Credit)</b>							
<b>Related Industry Certifications Available:</b>							
<b>Additional Suggested Learning Opportunities:</b> <b>Work-Based Learning:</b> <input type="checkbox"/> Cooperative Education <input type="checkbox"/> x Internship <input type="checkbox"/> Mentorship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Registered Apprenticeship							



UNIVERSITY	<p>University/College: The George Washington University  Degree or Major: Health Sciences  Number of Articulated CC Credits: 10+, depending on core classes taken &amp; AP scores</p>
	<p>Notes: Admission into the Nursing Program is competitive. Details regarding admissions are explained during a required Nursing Information Session. Prior to admission into the Nursing program students must successfully complete NAS 161 &amp; 163, Health Sciences I &amp; II, ENG 111, English Composition, SDV Elective and met the college's computer competency requirement. Students must also place at the MTH 151 on the college's placement exam and take the Test of Essential Academic Skills and earn at least 45%. Students must complete Basic Life Support Provider CPR and complete a physical exam with all required immunizations. Details can be found at <a href="http://www.nvcc.edu/medical/divisions/nursing/index.html">http://www.nvcc.edu/medical/divisions/nursing/index.html</a></p>

# Commonwealth of Virginia Plan of Study

## Cluster: Health Sciences

## Pathway: Health Informatics

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS		GRADE	English/ Language Arts	Mathematics	Science	Social Studies/ Science	Other Required Courses Recommended Electives Learner Activities	Recommended Career and Technical Courses Source: Administrative Planning Guide http://www.cleresource.org/apg/	SAMPLE – Occupations Relating to This Pathway: http://www.doe.virginia.gov/instruction/career_technical/career_clusters/sample_plans_study/index.shtml http://www.careerclusters.org http://www.cleresource.org/apg/
			NOTE: Indicate State Course Titles and Codes						
			Graduation Requirements: <a href="http://www.doe.virginia.gov/instruction/graduation/index.shtml">http://www.doe.virginia.gov/instruction/graduation/index.shtml</a>						
MIDDLE	7	English 7 (1110)	Math 7 (3111)	Life Science (4115)	U S History (2354)	Health, PE, Family Life (7120)	Computer Solutions (6609-18)	Informatics Nurse Health Informatics Specialist. Clinical Informatics Specialist. Clinical Analyst. Clinical Informatics Manager Biologist Chemist Microbiologist Cellular Biologist Molecular Biologist Food Science Specialist Hospital Administrator Medical Billing Coordinator Medical Translator Family Medical Advocate Clinical Analyst Public Health Informatics Specialist Health Records Administrator	
	8	English 8 (1120)	Math 8 (3121) or Algebra I (3130)	Physical Science (4125)	Civics & Economics (2357)	Health, PE, Family Life (7200)	Digital Input Technologies (6160)		
Career Assessment: Identify an appropriate career assessment instrument at the middle school level used to help students and their parents plan for high school: <b>Naviance</b> VA Wizard <input type="checkbox"/>									
SECONDARY	9	English 9 (1130)	Algebra I (3130) or Geometry (3143)	Biology (4310)	World History/ Geography I (2215)	Economics & Personal Finance (6120) Health & PE (2 years) Foreign Language (3 years) Other Electives to Complement Pathway (Core Academic and CTE):	Health & Medical Sciences Exploration (8302) Medical Terminology w/ Anatomy & Physiology (8383) Health Informatics I (8338)		
	10	English 10 (1140)	Geometry (3143) or Algebra II (3135)	Earth Sciences (4210)	World History/ Geography II (2216) or AP World (2380) US/VA History (2360) or DE US History or AP US History (2319)				
	11	English 11 (1150) or AP Language (1196) or DE College Composition (1601)	Algebra II (3135) or Pre-Calculus (3162)	Chemistry (4410)	US/VA Government(2440) or AP Government (2445)				
	12	English 12 (1160) or AP Literature (1195) or DE World Literature (1602)	Pre-Calculus (3162) or AP Calculus BC (3177)	AP Science or Anatomy & Physiology (4330)					
			College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment), AP (Advanced Placement) and/or VC (Validated Credit)						

<b>List related certifications/credentials approved by VDOE and offered locally:</b> <a href="http://www.cteresource.org/apq">http://www.cteresource.org/apq</a> (Go to Certification – License Section) Health Informatics CPR Financial Literacy Certification (WISE) Workplace Readiness Skills for the Commonwealth (CTECS)		<b>Additional Learning Opportunities:</b> CTSO Organization(s): <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <input type="checkbox"/> FEA <input type="checkbox"/> X HOSA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> TSA <b>Work-Based Learning:</b> x Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Mentorship x Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Student Apprenticeship	
College Entrance Exams such as ACT, SAT and AP			
<b>SAMPLE POSTSECONDARY PROGRAMS RELATED TO THIS CAREER PATHWAY</b> Individual plans must include locally agreed upon courses at the postsecondary level (See page 2)			
<b>Pathway</b> Diagnostic Services		<b>Associate Degree, College Certificate, or Apprenticeship</b> Biotechnology	<b>Bachelors Degree</b> Biomedical Informatics
			<b>Postgraduate Degree</b> Biomedical Informatics

**College:** [Northern Virginia Community College](#) **School Division(s):** [Alexandria City Public Schools](#)

Postsecondary: Placement Assessments such as Virginia Placement Test, ACT or SAT					
Semester	English	Mathematics	Science	Social Studies	Required Courses or Recommended Electives
<b>POSTSECONDARY PLAN OF STUDIES MUST INCLUDE POSTSECONDARY ACADEMIC, CTE, AND OTHER ELECTIVE COURSES APPROPRIATE FOR AN ASSOCIATE DEGREE.</b>					
Year 1 1 <sup>st</sup> Semester	ENG 111 College Composition	MTH Elective	BIO 101 General Biology	CHM 111 General Chemistry I	SDV 100 College Success Skills
Year 1 2 <sup>nd</sup> Semester	ENG 115 Technical Writing		BIO 147 Laboratory Calculation for Biotechnology	Social Science Elective*	BIO 250 Biotechnology Research Methods & Skills
Year 2 1 <sup>st</sup> Semester			BIO 205 General* Microbiology	Social Science Elective	BIO 165 Principles in Regulatory & Quality Environment for Biotechnology
Year 2 2 <sup>nd</sup> Semester	CST 126 Interpersonal Communication		BIO Internship/ Special Project	Humanities/Fine Arts Elective	BIO 251 Protein Applications in Biotechnology
<b>College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment), AP (Advanced Placement) and/or VC (Validated Credit)</b>					
<b>Related Industry Certifications Available:</b>					
<b>Additional Suggested Learning Opportunities:</b> <b>Work-Based Learning:</b> <input type="checkbox"/> Cooperative Education <input type="checkbox"/> x Internship <input type="checkbox"/> Mentorship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Registered Apprenticeship					

University/College: The George Washington University  
Degree or Major: Biotechnology Informatics  
Number of Articulated CC Credits: 16+, depending on core classes taken & AP scores

Notes:



SAMPLE POSTSECONDARY PROGRAMS RELATED TO THIS CAREER PATHWAY Individual plans must include locally agreed upon courses at the postsecondary level. (See page 2)			
Pathway	Associate Degree, College Certificate, or Apprenticeship	Bachelors Degree	Postgraduate Degree
Diagnostic Services	Physical Therapy A. A. S.	Health Sciences, B.S.	Health Sciences, MS.

School Division(s): <u>Alexandria City Public Schools</u>						
Postsecondary: Placement Assessments such as Virginia Placement Test, ACT or SAT						
Semester	English	Mathematics	Science	Social Studies	Required Courses or Recommended Electives	
POSTSECONDARY PLAN OF STUDIES MUST INCLUDE POSTSECONDARY ACADEMIC, CTE, AND OTHER ELECTIVE COURSES APPROPRIATE FOR AN ASSOCIATE DEGREE.						
Year 1 Semester 1 <sup>st</sup>				PTH 105 Introduction to Physical Therapy	PTH 151 Musculoskeletal Structure & Foundation	PTH 121 Therapeutic Procedures I
Year 1 Semester 2 <sup>nd</sup>		Math Elective		PSY 200 Principles of Psychology	PTH 122 Therapeutic Procedures II	PTH 131 Clinical Education I - Summer
Year 2 Semester 1 <sup>st</sup>				Humanities/Fine Art Elective	PTH 225 Rehabilitation Procedures	
Year 2 Semester 2 <sup>nd</sup>					PTH 210 Psychological Aspects of Therapy	PTH 232 Clinical Education III
College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment), AP (Advanced Placement) and/or VC (Validated Credit)						
Related Industry Certifications Available:				Additional Suggested Learning Opportunities:		
				<b>Work-Based Learning:</b> <input type="checkbox"/> Cooperative Education <input checked="" type="checkbox"/> Internship <input type="checkbox"/> Mentorship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Registered Apprenticeship		
University/College: The George Washington University Degree or Major: Health Sciences Number of Articulated CC Credits: 14 Credits						
Notes: Pre-admission requirements, ENG 111, College Composition, HLT 141, Intro to Medical Terminology, & NAS 150, Human Biology						



CareerClusters®  
PATHWAYS TO COLLEGE & CAREER READINESS

# Commonwealth of Virginia Plan of Study



School of Medicine  
& Health Sciences



## Cluster: Health Sciences

## Pathway: Therapeutic Services

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS		GRADE	English/ Language Arts	Mathematics	Science	Social Studies/ Science	Other Required Courses Recommended Electives Learner Activities	Recommended Career and Technical Courses Source: Administrative Planning Guide http://www.cteresource.org/apg/	SAMPLE – Occupations Relating to This Pathway: http://www.doe.virginia.gov/instruction/career_technical/career_clusters/sample_plans_study/index.shtml http://www.cteresource.org/cpg/
NOTE: Indicate State Course Titles and Codes									
Graduation Requirements: http://www.doe.virginia.gov/instruction/graduation/index.shtml									
MIDDLE	7	English 7 (1110)	Math 7 (3111)	Life Science (4115)	U S History (2354)	Health, PE, Family Life (7120)	Computer Solutions (6609-18)	Emergency Medical Technician First Responder Paramedic Emergency Medical Doctor 911 Technician EMT Dispatcher Emergency Preparedness Program Specialist Emergency Planner Ambulance Attendant Flight Medic Medical Van Driver Emergency Room Director ER Nurse	
	8	English 8 (1120)	Math 8 (3121) or Algebra I (3130)	Physical Science (4125)	Civics & Economics (2357)	Health, PE, Family Life (7200)	Digital Input Technologies (6160)		
Career Assessment: Identify an appropriate career assessment instrument at the middle school level used to help students and their parents plan for high school: VA Wizard <input type="checkbox"/> or other assessment (please indicate): <b>Naviance</b>									
SECONDARY	9	English 9 (1130)	Algebra I (3130) or Geometry (3143)	Biology (4310)	World History/ Geography I (2215)	Economics & Personal Finance (6120) Health & PE (2 years) Foreign Language (3 years) Other Electives to Complement Pathway (Core Academic and CTE):	Health & Medical Sciences Exploration (8302)		
	10	English 10 (1140)	Geometry (3143) or Algebra II (3135)	Earth Sciences (4210)	World History/ Geography II (2216) or AP World (2380)		Medical Terminology w/ Anatomy & Physiology (8383)		
	11	English 11 (1150) or AP Language (1196) or DE College Composition (1601)	Algebra II (3135) or Pre-Calculus (3162)	Chemistry (4410)	USVA History (2360) or DE US History or AP US History (2319)	Emergency Medical Technician I (8333)			
	12	English 12 (1160) or AP Literature (1195) or DE World Literature (1602)	Pre-Calculus (3162) or AP Calculus BC (3177)	AP Science or Anatomy & Physiology (4330)	USVA Government(2440) or AP Government (2445)	Emergency Medical Technician II (8334)			
College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment), AP (Advanced Placement) and/or VC (Validated Credit)									
List related certifications/credentials approved by VDOE and offered locally: <a href="http://www.cteresource.org/apg">http://www.cteresource.org/apg</a> (Go to Certification – License Section) Financial Literacy Certification (WISE) Workplace Readiness Skills for the Commonwealth (CTECS) Microsoft Office (MOS) EMT Certification									
Additional Learning Opportunities: CTSO Organization(s): <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <input type="checkbox"/> FEA <input type="checkbox"/> X HOSA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> TSA  Work-Based Learning: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Mentorship <input type="checkbox"/> X Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Student Apprenticeship  College Entrance Exams such as ACT, SAT and AP									



POSTSECONDARY	SAMPLE POSTSECONDARY PROGRAMS RELATED TO THIS CAREER PATHWAY Individual plans must include locally agreed upon courses at the postsecondary level (See page 2)			
	Pathway	Associate Degree, College Certificate, or Apprenticeship	Bachelors Degree	Postgraduate Degree
	Diagnostic Services	Emergency Medical Services A.A.S.	Emergency Medical Services, B.S.	Emergency Medical Services MS.

POSTSECONDARY - COMMUNITY COLLEGE or APPRENTICESHIP - Determined Locally		<b>College:</b> <a href="#">Northern Virginia Community College</a>										<b>School Division(s):</b> Alexandria City Public Schools									
		<b>Postsecondary:</b> Placement Assessments such as Virginia Placement Test, ACT or SAT										<b>Required Courses or Recommended Electives</b>									
<b>POSTSECONDARY PLAN OF STUDIES MUST INCLUDE POSTSECONDARY ACADEMIC, CTE, AND OTHER ELECTIVE COURSES APPROPRIATE FOR AN ASSOCIATE DEGREE:</b>																					
Semester	English	Mathematics	Science	Social Studies																	
Year 1 1 <sup>st</sup> Semester	ENG 111 College Composition I		NAS 150 Human Biology					EMS 111 Emergency Medical Technician Basic	EMS 120 EMT-Basic Clinical	SDV 101 Orientation to Healthcare											
Year 1 2 <sup>nd</sup> Semester								EMS 151 Intro to Advanced Life Support	EMS 153 Basic ECG Recognition	EMS 157 ALS-Trauma Care EMS 170 ALS Internship I											EMS 213 ALS Skills Development HLT 250 Pharmacology
Year 2 1 <sup>st</sup> Semester				Social Science Elective				EMS 155 ALS-Medical Care	EMS 159 EMS Special Populations	EMS 172 ALS Clinical Internship II											EMS 173 ALS Field Internship II
Year 2 2 <sup>nd</sup> Semester								EMS 201 EMS Professional Development	EMS 205 Advanced Pathophysiology	EMS 207 Advanced Patient Assessment											EMS 242 ALS Clinical Internship III EMS 243 ALS Field Internship III
Year 3 1 <sup>st</sup> Semester		Math 151 Math for Liberal Arts		Humanities Elective				EMS 211 Operations	EMS 216 Paramedic Review	EMS 244 ALS Clinical Internship IV											EMS 245 Field Internship IV
<b>Related Industry Certifications Available:</b>																					
<b>College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment), AP (Advanced Placement) and/or VC (Validated Credit)</b>																					
<b>Additional Suggested Learning Opportunities:</b> <b>Work-Based Learning:</b> <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Mentorship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Registered Apprenticeship																					
UNIVERSITY: The George Washington University Degree or Major: Health Sciences Number of Articulated CC Credits: 16 Credits																					
Notes:																					

## Cluster: Health Sciences

## Pathway: Support Services

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS		GRADE	English/ Language Arts	Mathematics	Science	Social Studies/ Science	Other Required Courses Recommended Electives Learner Activities	Recommended Career and Technical Courses Source: Administrative Planning Guide http://www.cterresource.org/a pg/	SAMPLE – Occupations Relating to This Pathway: http://www.doe.virginia.gov/instru ction/career_technical/career_clu sters/sample_plans_study/index. shtml http://www.careerclusters.org http://www.cterresource.org/cpg/
NOTE: Indicate State Course Titles and Codes									
Graduation Requirements: http://www.doe.virginia.gov/instruction/graduation/index.shtml									
MIDDLE	7	English 7 (1110)	Math 7 (3111)	Life Science (4115)	U S History (2354)	Health, PE, Family Life (7120)	Computer Solutions (6609-18)	Ancillary Certified Pharmacist Assistant Drug Purchaser Front Counter Clerk Pharmacist Assistant Pharmacy Aide Pharmaceutical Sales Chemist Pharmacy Technician Pharmacist Pharmacy Informatics Clinical Drug Coordinator Medical Researcher Pharmaceutical Scientist Biomedical Research Pharmacy Manager	
	8	English 8 (1120)	Math 8 (3121) or Algebra I (3130)	Physical Science (4125)	Civics & Economics (2357)	Health, PE, Family Life (7200)	Digital Input Technologies (6160)		
Career Assessment: Identify an appropriate career assessment instrument at the middle school level used to help students and their parents plan for high school: VA Wizard <input type="checkbox"/> or other assessment (please indicate): <b>Naviance</b>									
SECONDARY	9	English 9 (1130)	Algebra I (3130) or Geometry (3143)	Biology (4310)	World History/ Geography I (2215)	Economics & Personal Finance (6120) Health & PE (2 years) Foreign Language (3 years) Other Electives to Complement Pathway (Core Academic and CTE):	Health & Medical Sciences Exploration (8302) Medical Terminology w/ Anatomy & Physiology (8383) Pharmacy Studies I (8305) Pharmacy Studies II (8306)		
	10	English 10 (1140)	Geometry (3143) or Algebra II (3135)	Earth Sciences (4210)	World History/ Geography II (2216) or AP World (2380)				
	11	English 11 (1150) or AP Language (1196) or DE College Composition (1601)	Algebra II (3135) or Pre-Calculus (3162)	Chemistry (4410)	US/VA History (2360) or DE US History or AP US History (2319)				
	12	English 12 (1160) or AP Literature (1195) or DE World Literature (1602)	Pre-Calculus (3162) or AP Calculus BC (3177)	AP Science or Anatomy & Physiology (4330)	US/VA Government (2440) or AP Government (2445)				
College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment), AP (Advanced Placement) and/or VC (Validated Credit)									
List related certifications/credentials approved by VDOE and offered locally: <a href="http://www.cterresource.org/adq">http://www.cterresource.org/adq</a> (Go to Certification – License Section) Pharmacy Technician CPR Financial Literacy Certification (WISE) Workplace Readiness Skills for the Commonwealth (CTECS)									
Additional Learning Opportunities: CTSO Organization(s): <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <input type="checkbox"/> TSA <input type="checkbox"/> FEA <input type="checkbox"/> X HOSA <input type="checkbox"/> SkillsUSA  Work-Based Learning: X Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Mentorship X Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Student Apprenticeship  College Entrance Exams such as ACT, SAT and AP									

POSTSECONDARY	SAMPLE POSTSECONDARY PROGRAMS RELATED TO THIS CAREER PATHWAY Individual plans must include locally agreed upon courses at the postsecondary level (See page 2)			
	Pathway	Associate Degree, College Certificate, or Apprenticeship	Bachelors Degree	Postgraduate Degree
	Diagnostic Services	Pharmacy Technician Certification	Health Sciences, B.S.	Health Sciences, MS.

College: [Tidewater Community College](#)

School Division(s): Alexandria City Public Schools

Postsecondary: Placement Assessments such as Virginia Placement Test, ACT or SAT					
Semester	English	Mathematics	Science	Social Studies	Required Courses or Recommended Electives
POSTSECONDARY PLAN OF STUDIES MUST INCLUDE POSTSECONDARY ACADEMIC, CTE, AND OTHER ELECTIVE COURSES APPROPRIATE FOR AN ASSOCIATE DEGREE:					
Year 1 1 <sup>st</sup> Semester				AST 101 Keyboarding 101	HLT 143 Medical Terminology I
Year 1 2 <sup>nd</sup> Semester				ITE 115 Introduction to Computer Applications	MKT 170 Customer Service
Year 2 1 <sup>st</sup> Semester					
Year 2 2 <sup>nd</sup> Semester					
College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment), AP (Advanced Placement) and/or VC (Validated Credit)					
Related Industry Certifications Available:					
Additional Suggested Learning Opportunities: <b>Work-Based Learning:</b> <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Mentorship <input type="checkbox"/> Registered Apprenticeship					
University/College: The George Washington University Degree or Major: Health Sciences Number of Articulated CC Credits: 14 Credits					
Notes: Pre-admission requirements, ENG 111, College Composition, HLT 141, Intro to Medical Terminology, & NAS 150, Human Biology					

POSTSECONDARY - COMMUNITY COLLEGE or APPRENTICESHIP -  
Determined Locally

Year 1  
1<sup>st</sup> Semester

Year 1  
2<sup>nd</sup> Semester

Year 2  
1<sup>st</sup> Semester

Year 2  
2<sup>nd</sup> Semester

College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment), AP (Advanced Placement) and/or VC (Validated Credit)

Related Industry Certifications Available:

Additional Suggested Learning Opportunities:

Work-Based Learning:

☐ Cooperative Education    ☐ Job Shadowing    ☐ Service Learning Project    ☐ Mentorship    ☐ Registered Apprenticeship

University/College: The George Washington University

Degree or Major: Health Sciences

Number of Articulated CC Credits: 14 Credits

Notes: Pre-admission requirements, ENG 111, College Composition, HLT 141, Intro to Medical Terminology, & NAS 150, Human Biology

**Cluster:** Health Sciences

**Pathway:** Biotechnology Research & Development

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS	GRADE	English/ Language Arts	Mathematics	Science	Social Studies/ Science	Other Required Courses Recommended Electives Learner Activities	Recommended Career and Technical Courses Source: Administrative Planning Guide http://www.cterresource.org/apg/	SAMPLE – Occupations Relating to This Pathway: http://www.doe.virginia.gov/instruction/career_technical/career_clusters/sample_plans_study/index.shtml http://www.careerclusters.org http://www.cterresource.org/cpg/
NOTE: Indicate State Course Titles and Codes								
Graduation Requirements: http://www.doe.virginia.gov/instruction/graduation/index.shtml								
MIDDLE	7	English 7 (1110)	Math 7 (3111)	Life Science (4115)	U S History (2354)	Health, PE, Family Life (7120)	Computer Solutions (6609-18)	Biomedical Engineer Biomedical Equipment Technician Product Development Director Research Engineer Experimental Medicine Clinical Laboratory Scientist Clinical Pharmacologist Investigator Laboratory Director Immunologist Research Scientist Scientist Medical Laboratory Technician Phlebotomist Biochemist Cell Biologist Clinical Researcher
	8	English 8 (1120)	Math 8 (3121) or Algebra I (3130)	Physical Science (4125)	Civics & Economics (2357)	Health, PE, Family Life (7200)	Digital Input Technologies (6160)	
Career Assessment: Identify an appropriate career assessment instrument at the middle school level used to help students and their parents plan for high school: VA Wizard <input type="checkbox"/> or other assessment (please indicate) : <b>Naviance</b>								
SECONDARY	9	English 9 (1130)	Algebra I (3130) or Geometry (3143)	Biology (4310)	World History/ Geography I (2215)	Economics & Personal Finance (6120) Health & PE (2 years) Foreign Language (3 years) Other Electives to Complement Pathway (Core Academic and CTE):	Health & Medical Sciences Exploration (8302) Medical Terminology with Anatomy & Physiology (8383)	
	10	English 10 (1140)	Geometry (3143) or Algebra II (3135)	Earth Sciences (4210)	World History/ Geography II (2216) or AP World (2380)		Medical Laboratory Technician I (8377)	
	11	English 11 (1150) or AP Language (1196) or DE College Composition (1601)	Algebra II (3135) or Pre-Calculus (3162)	Chemistry (4410)	US/VA History (2360) or DE US History or AP US History (2319)		Medical Laboratory Technician II (8378)	
	12	English 12 (1160) or AP Literature (1195) or DE World Literature (1602)	Pre-Calculus (3162) or AP Calculus BC (3177)	AP Science or Anatomy & Physiology (4330)	US/VA Government(2440) or AP Government (2445)			
College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment), AP (Advanced Placement) and/or VC (Validated Credit)								
List related certifications/credentials approved by VDOE and offered locally: <a href="http://www.cterresource.org/apg">http://www.cterresource.org/apg</a> (Go to Certification – License Section) National Certified Phlebotomy Technician CPR Financial Literacy Certification (WISE) Workplace Readiness Skills for the Commonwealth (CTECS)								
Additional Learning Opportunities: CTSO Organization(s): <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <input type="checkbox"/> TSA <input type="checkbox"/> FEA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> TSA			Work-Based Learning: X Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Mentorship X Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Student Apprenticeship College Entrance Exams such as ACT, SAT and AP					

POSTSECONDARY	SAMPLE POSTSECONDARY PROGRAMS RELATED TO THIS CAREER PATHWAY Individual plans must include locally agreed upon courses at the postsecondary level (See page 2)			
	Pathway	Associate Degree, College Certificate, or Apprenticeship	Bachelors Degree	Postgraduate Degree
	Diagnostic Services	Medical Laboratory Technician A.A.S.	Medical Laboratory Sciences, B.S.	Medical Laboratory Sciences MS.

College: [Northern Virginia Community College](#) School Division(s): [Alexandria City Public Schools](#)

Postsecondary: Placement Assessments such as Virginia Placement Test, ACT or SAT						
Semester	English	Mathematics	Science	Social Studies	Required Courses or Recommended Electives	
POSTSECONDARY PLAN OF STUDIES MUST INCLUDE POSTSECONDARY ACADEMIC, CTE, AND OTHER ELECTIVE COURSES APPROPRIATE FOR AN ASSOCIATE DEGREE.						
Year 1 1 <sup>st</sup> Semester			BIO 142 Human Anatomy & Physiology II		MDL 101 Introduction to Medical Laboratory Techniques	MDL 125 Clinical Hematology I  MDL 140 Clinical Urinalysis
Year 1 2 <sup>nd</sup> Semester	CST 229 Intercultural Communications				MDL 130 Basic Clinical Microbiology	MDL 225 Clinical Hematology II  MDL 260 Laboratory Instrumentation
Year 1 3 <sup>rd</sup> Semester					MDL 266 Clinical Chemistry Techniques	MDL 276 Clinical Hematology Techniques  MDL 263 Clinical Chemistry & Instrumentation III
Year 2 1 <sup>st</sup> Semester				Social Science Elective	MDL 216 Blood Banking	MDL 243 Intro to Clinical Molecular Diagnostics  MDL 251 Clinical Microbiology I
Year 2 2 <sup>nd</sup> Semester				Humanities/Fine Arts Elective	MDL 277 Clinical Immunohematology & Immunology Technique	MDL 278 Clinical Microbiology Techniques II  MDL 281 Clinical Correlations

Determined Locally

POSTSECONDARY - COMMUNITY COLLEGE or APPRENTICESHIP -

College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment), AP (Advanced Placement) and/or VC (Validated Credit)	
Related Industry Certifications Available:	Additional Suggested Learning Opportunities: Work-Based Learning: <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Mentorship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Registered Apprenticeship

UNIVERSITY	University/College: The George Washington University Degree or Major: Health Sciences Number of Articulated CC Credits: Credits
Notes: Program pre-requisites, BIO 141 Human Anatomy & Physiology I, CHM 111 General Chemistry, ENG 111 College Composition I, SDV 101 Orientation to Healthcare	

## **Appendix E**

# **Bell Schedule**

# TC Williams Bell Schedules

<b>TC Williams Bell Schedule</b> <b>2017-2018</b> <b>King Street</b>				
Red	Blue	Time	Length	Instructional Hours
Block 1: Meets Daily		8:35-9:32	57 minutes	173 Hours Time includes morning announcements
Block 3	Block 2	9:39-11:14	95 minutes	144 hours
Block 5	Block 4	11:21-11:24	3	Time used for lunch block attendance
Block 5	Block 4	Lunch Block A: 11:24-11:54 B: 11:57-12:27 C: 12:30-1:00 D: 1:03-1:33	93-96 minutes	141-145 Hours  Time varies slightly due to passing time to and from lunch
Block	Block 6	1:40-3:15	95 Minutes	144 Hours



<b>TC Williams Bell Schedule</b> <b>2017-2018</b> <b>Minnie Howard</b>				
<b>Red</b>	<b>Blue</b>	<b>Time</b>	<b>Length</b>	<b>Instructional Hours</b>
Block 1: Meets Daily		8:30 - 9:20	50 minutes	152 Hours
Block 3	Block 2	9:25 - 11:08	103 minutes	156 Hours Includes time for announcements
Block 5	Block 4	LUNCH A: 11:13 - 11:43 B: 11:46 - 12:16 C: 12:19 - 12:49 D: 12:52 - 1:22	93-96 minutes	141-145 Hours  Time varies slightly due to passing time to and from lunch
Block	Block 6	1:27 - 3:10	103 Minutes	156 Hours

TC Williams has 183 instructional days. The Minnie Howard Campus starts and ends 5 minutes earlier than the

King Street Campus to accommodate student travel from Minnie Howard to King Street.

Block 1 is a shorter period that meets every day. Blocks 2-7 meet every other day.

**Appendix F**

**Health and Medical Sciences Student Survey  
and Results**

## Health and Medical Sciences Student Survey

We are exploring adding new Health and Medical Sciences courses at T.C. Williams High School. These courses would be offered as dual enrollment (DE) credits. Currently CTE offers Introduction to Health and Medical Sciences, DE Medical Terminology, Certified Nurse Aide, and DE Surgical Technologist.

We are considering adding the following to our course offerings:

EMT

Health Informatics

Medical Laboratory Sciences

Pharmacy Tech

Sports Medicine

Please rate each course, using the scale one through five. Rate the course you would be most interested in taking as a 1, and the course you would be least interested in taking as a 5. Please use each number only once. This information will help us to evaluate different areas of student interest. Thank you for taking the time to complete our survey.

**Emergency Medical Technician (EMT)**- In this course, students will have the opportunity to explore this health care profession responsible for the initial assessment of potentially critical situations involving ill and injured patients to determine the necessary course of action.

1                      2                      3                      4                      5

**Health Informatics**- In this course, students will have the opportunity to learn the importance of safeguarding electronic healthcare information. Students will be introduced to the various technologies and trends that affect the healthcare industry.

1                      2                      3                      4                      5

**Medical Laboratory Sciences**- In this course, students will have the opportunity to examine diagnostic and therapeutic laboratory procedures that support medical research and practice, and investigate safety, quality assurance, and ethical concerns associated with the field of medical technology.

1                      2                      3                      4                      5

**Pharmacy Technician** - In this course, students will have the opportunity to discover the clinical skills needed to support and assist pharmacists in the preparation and dispensing of medications.

1 2 3 4 5

**Sports Medicine** - In this course, students will have the opportunity to investigate training designs that maximize health and performance based on level of training, nutritional factors affecting health, fitness, and athletic performance.

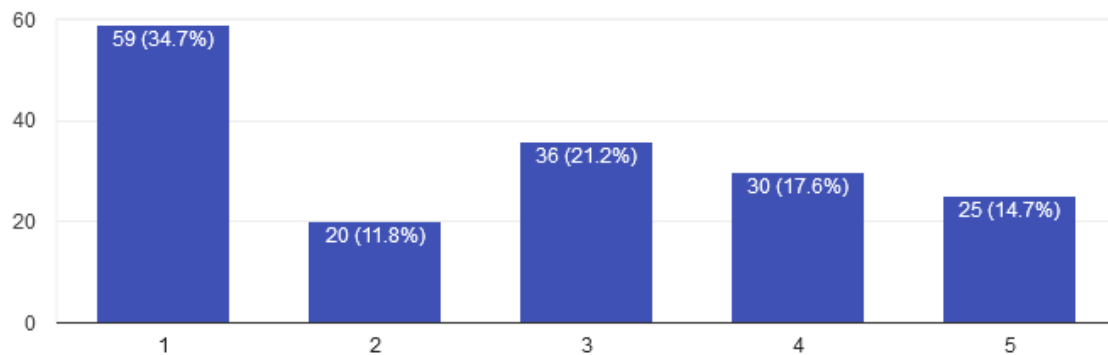
1 2 3 4 5

### Survey Results

The following charts indicate the survey results:

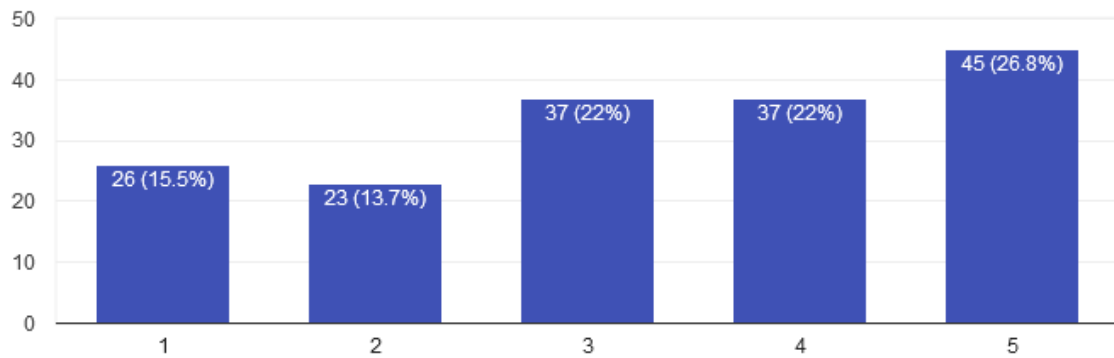
**Emergency Medical Technician (EMT)** - In this course, students will have the opportunity to explore this health ...ermine the necessary course of action.

170 responses



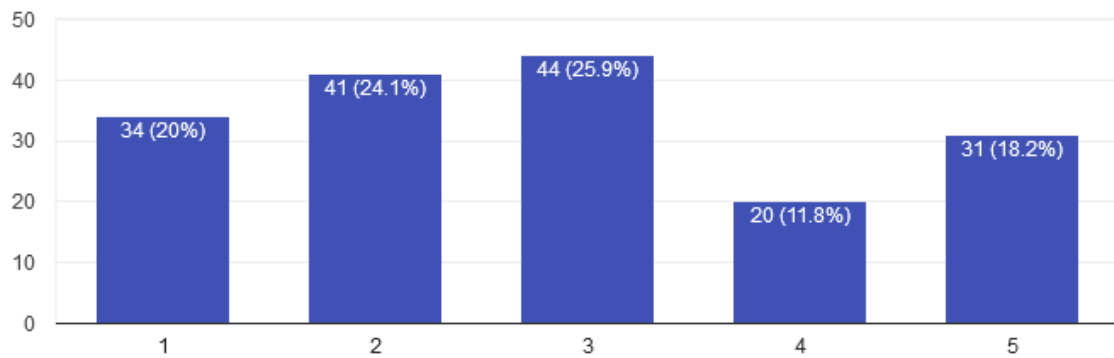
**Health Informatics-** In this course, students will have the opportunity to learn the importance of safeguarding ele... that affect the healthcare industry.

168 responses



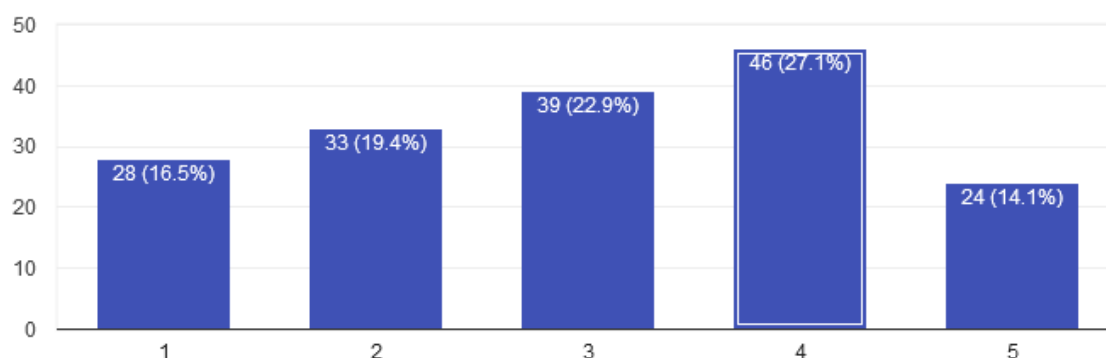
**Medical Laboratory Sciences-** In this course, students will have the opportunity to examine diagnostic and t...with the field of medical technology.

170 responses



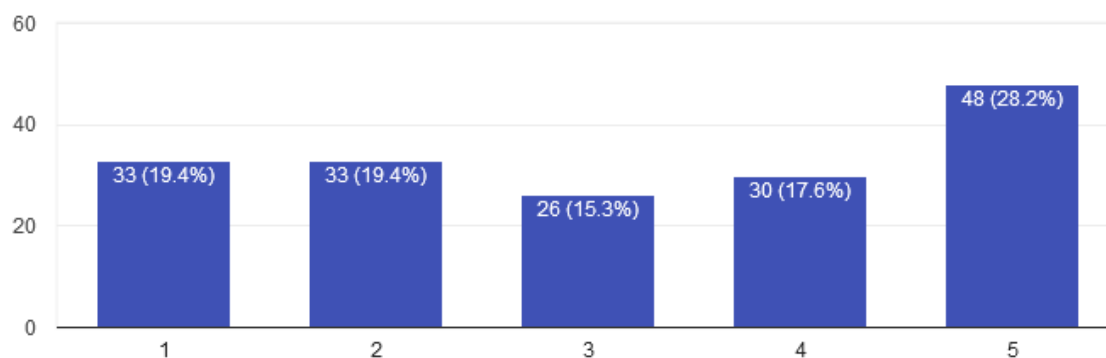
**Pharmacy Technician** - In this course, students will have the opportunity to discover the clinical skills needed to ...aration and dispensing of medications.

170 responses



**Sports Medicine** - In this course, students will have the opportunity to investigate training designs that maxim...lth, fitness, and athletic performance.

170 responses



There were 170 students who completed this survey. When comparing the data across pathways, students were most interested in the Emergency Medical Technician pathway (59 students or 34.7%). The second pathway students were most interested in is the Medical Laboratory Sciences pathway (34 students or 20%), followed by the Sports Medicine pathway (33 students or 19.4%). The fourth pathway students were most interested in is the Pharmacy Tech pathway

(28 students or 16.5%). The fifth pathway that students were most interested in was the Health Informatics pathway (26 students or 15.5%). These results will be used to help guide us to student areas of interest.



**Appendix G**

**Affiliation Agreements**

**Goodwin House Incorporated**

**Inova Health System**

**Sentara Healthcare**

### **GHI Internship Program Agreement**

**THIS AGREEMENT** (the "Agreement") is in effect from: 02/28/2017 by and between Goodwin House Incorporated ("GHI") and Alexandria City Public Schools (ACPS).

**WHEREAS**, the Institution offers a Nurse Aide Training program at ACPS T.C. Williams High School ("TCWHS"); and

**WHEREAS**, GHI has facilities at which students enrolled in the Nurse Aide Training program can obtain clinical and hands on experience; and

**WHEREAS**, the Institution requires that the students enrolled complete a minimum of two hundred thirty hours which included fifty clinical hours in this program and GHI desires to cooperate with the Institution by making its facilities available to the Institution's faculty and students program in accordance with the terms and conditions set forth in this agreement.

**NOW, THEREFORE**, for and in consideration of the premises, the terms and provisions of this Agreement and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, GHI and the Institution agrees as follows:

#### **1. GENERAL INFORMATION ABOUT AN INTERNSHIP**

At least 30 days before the start of an academic quarter at the Institution, GHI and the Institution will mutually determine:

- a) The maximum number of the Institution's students who may participate during the academic quarter;
- b) The scope of each program that will occur during that academic quarter, including the objectives, learning activities, student responsibilities and nature of the supervision to be provided by both the Institution and GHI;
- c) The students schedules in each program that will occur during that academic quarter; and
- d) The starting date and length of each program that will occur during that academic quarter.

#### **2. INSTITUTION'S RESPONSIBILITIES**

- a. Student Selection. The Institution will select the students who participate in each program. The Institution will only select those students to participate in a



program who have the academic preparation to perform the tasks that will be assigned to them in the Internship.

- b. Internship Coordinator. The Institution will designate a member of its staff to work with GHI's designee in planning, implementing and coordinating each program.
- c. Student Responsibilities. The Institution will notify each student who is selected to participate in a program that he/she is responsible for:
  - i. Complying with all of GHI's policies, procedures, guidelines, rules, standards (including religious, ethical and professional standards), codes, regulations, instructions and directions that in any way relate to the program (collectively, "Policies").
  - ii. Arranging and paying for all transportation, housing, meals, laundry and required uniforms related to the program at his/her own cost and expense.
  - iii. A criminal background check and drug screening at his/her own expense, performed by a third party clearinghouse or GHI, containing such search parameters as GHI indicates, to determine whether they are at a minimum listed on the "List of Excluded Individuals and Entities" maintained by the Office of the Inspector General for the Department of Health and Human Services.
  - iv. His/Her health, safety, illnesses, injuries, required immunizations, required disease and other medical tests at his/her cost and expense.
  - v. Maintaining the confidentiality of all patient medical records and individually identifiable health information of GHI, except as required by law or consented to by the applicable patient, both during and after the Internship Program.
  - vi. Complying with GHI's dress code and identification requirements, and wearing and using personal protection equipment that is appropriate for the tasks assigned to the student to perform during the program.
  - vii. Completing training on universal precautions and infection control, fire and disaster safety, CPR, protected health information and the Privacy Rule under the Health Insurance Portability and Accountability Act ("HIPAA"), and HIV/AIDS as required by state law.



- viii. Obtaining the prior consent of GHI before publishing any materials based on research or experience relating to the program. The Institution will notify each student who is selected to participate in the program that he/she is not permitted to conduct any research involving GHI's patients without prior approval of GHI.
  - d. Payroll Taxes and Withholdings. The Institution will be solely responsible for any payroll taxes, withholdings, workers' compensation and any other insurance of benefits of any kind for the Institution's employees and agents, if any, who provide any services in connection with the Internship.
  - e. Student Compensation. The Institution will notify the students who are selected to participate in the Internship that they are not entitled to and will not receive any compensation for any of the services that they provide or time that they spend during or with respect to the Internship Program.
3. GHI'S RESPONSIBILITIES
- a. Internship Experience. GHI will accept the number of the Institution's students in each Internship Program during each academic quarter of the Institution that was mutually agreed upon by GHI and the Institution, and will allow those students a supervised Internship experience, including, without limitation, supervision and instruction by the Institution's qualified personnel. GHI will inform the Institution of any changes in GHI's operations, policies, personnel or service delivery, which will affect the Internship Program or the number of the Institution's students who may participate in the Internship Program.
  - b. GHI Designee. GHI will designate a member of its staff to work with the Institution's designee in planning, implementing and coordinating each Internship Program.
  - c. Access to Facilities. GHI will permit the Institution's students and faculty members who are participating in an Internship Program access to GHI facilities (including, without limitation, its classrooms (or other space suitable for group instruction), conference rooms, library facilities and dressing rooms) for the duration of the Internship Program without charge, subject to availability and the policies regarding the use of GHI's facilities.



- d. Withdrawal of Students. GHI may request that the Institution withdraw from participation in an internship any student or faculty member. The institution will comply with GHI's request within five days after receipt of the request.
- e. Emergency Health Care/First Aid. GHI will provide to the Institution's students and faculty members who are participating in an internship emergency health care or first aid for illnesses or injuries that they may suffer at GHI during the Internship Program. Any individual treated will be responsible for the cost and expense of that health care. Except as provided in this section, GHI will have no obligation to furnish any medical care to any student or faculty member who is participating in an Internship Program.
- f. Patient Care. GHI will retain full responsibility for the care and welfare of its patients at all times during an Internship. GHI will assure that the staff is adequate in number and quality to ensure safe and continuous health care services to the patients.
- g. Health and Safety. GHI will provide the same information, training and protection in matters of health and safety to the Institution's faculty members and students who participate in Internship Programs as it provides to its employees and staff members in compliance with the standards set by Occupational Safety and Health Administration and applicable law.

#### 4. NON-DISCRIMINATION

The Institution will select students for participation in an Internship Program without discrimination because of race, color, religion, national origin, ancestry, disability, marital status, gender, gender identity, sexual orientation, age, veteran status or any other protected status.

#### 5. STATUS OF THE INSTITUTION, GHI AND STUDENTS

- a. Relationship between the Institution and GHI. None of the provisions of this Agreement are intended to create or will be deemed to constitute any relationship between GHI and the Institution other than that which is necessary for effecting the provisions of this Agreement. Neither GHI nor the Institution will be construed to be the agent, employee, representative, partner or joint venture of the other. Neither party will incur any financial obligation on behalf of the other party.





- b. Student Status. The students who participate in an internship program will be in attendance at GHI only for educational purposes, and those students will not be employees or agents of either GHI or the Institution with respect to their participation in any internship program for any purpose, including, but not limited to, compensation for services, welfare and pension benefits, or workers' compensation insurance. Students who participate in Internships, however, are considered trainees and, therefore, members of GHI's "workforce" for purposes of HIPAA compliance. Nothing in this agreement is intended to create any obligation on the part of GHI or the Institution to compensate or to provide future employment to any student who participates in an Internship Program.
- c. Liability. Neither party will be liable or responsible for any personal injury or property damage suffered by the other party, unless such injury or damage results from the acts or omissions of the other party or its employees or students.

6. Insurance

The Institution will procure and maintain in force during the term of this Agreement, at its sole cost and expense, insurance to protect it against liability arising from any and all negligent acts or incidents caused by the Institution's faculty members and students at GHI's facilities during an Internship Program. The Institution will provide at least the following GHI insurance requirements in the corresponding amounts:

\$1,000,000	Each occurrence limit
\$2,000,000	General aggregate limit
\$2,000,000	Products/Completed Operations Aggregate
\$10,000	Medical Expense limit
\$1,000,000	Personal & Advertising Injury limit
\$500,000	Damage to Premises Rented to Goodwin House Incorporated

The Institution will also maintain worker's compensation insurance as required by law for all of its employees in the following amounts:



Bodily Injury by Accident	\$500,000	Each accident
Bodily Injury by Disease	\$500,000	Policy limit
Bodily Injury by Disease	\$500,000	Each employee

Students and faculty of the Institution who will drive and/or park vehicles on GHI property must have the following automobile insurance:

Combined Bodily Injury & Property Damage Liability	\$1,000,000 each accident
Hired/Non-Owned Automobile Liability	\$1,000,000

The Institution will provide GHI with evidence of the insurance required under this section.

#### 7. INDEMNIFICATION

- a. Institution's Indemnification. The Institution indemnifies, defends and holds harmless GHI, and all of its affiliates, directors, trustees, officers, agents and employees, from and against any and all claims, demands, damages, losses, actions, costs, expenses and liabilities of whatever nature, including, without limitations, all court costs and reasonable attorney's fees, arising out of or resulting from the negligence or willful misconduct of the Institution or any of its employees, students or agents.
- b. GHl's Indemnification. GHI indemnifies, defends and holds harmless the Institution, and all of its affiliates, directors, officers, agents and employees, from and against any and all claims, demands, damages, losses, actions, costs, expenses and liabilities of whatever nature, including, without limitations, all court costs and reasonable attorney's fees, arising out of or resulting from the negligence or willful misconduct of GHI or any of its employees or agents.
- c. Notice of Indemnifying Event. The indemnified party will provide prompt notice to the indemnifying party following the occurrence of any event requiring indemnification under this section.

8. TERM AND TERMINATION

- a. Term. This Agreement will be effective as of the date first written above. This agreement is effective for a term of one year, unless modified or terminated sooner. This Agreement will not be automatically renewed at the end of the effective term; renewal terms and conditions will be negotiated by GHI and the Institution.
- b. Termination. This Agreement may be terminated at any time by either party upon 60 days prior written notice to the other party; provided, however, in no event will any termination of this Agreement take effect with respect to any student who has begun an internship program. Any student who is participating in an Internship Program on the effective date of any termination of this Agreement will be permitted to complete the Internship Program, and the terms and provisions of this Agreement will remain in effect with respect to that student until he/she completes the Internship Program.

9. GENERAL PROVISIONS

- a. Monetary Consideration. There will be no monetary consideration paid by either party to the other with respect to any Internship Program. Both parties acknowledge that the Internships are mutually beneficial. The parties will cooperate in administering the Internship Program in an effort to maximize the mutual benefits provided by the Internship to both GHI and the Institution.
- b. Amendments. This Agreement may only be amended or supplemented in a subsequent written instrument signed by both parties.
- c. Assignment. Neither party will assign any of its rights or obligations under this Agreement without the other party's prior written consent.
- d. Entire Agreement. This Agreement is the entire understanding and agreement between the parties with respect to the subject matter covered by this Agreement, and this Agreement supersedes any and all prior agreements, understanding, negotiations and discussions between the parties, whether oral or written, with respect to the subject matter covered by this agreement.
- e. Severability. If any provision of this Agreement or its application is invalid or unenforceable, the remainder of this Agreement will not be impaired or affected and will remain binding and enforceable.





f. Notices. All notices, requests, consents and other communications required or permitted under this Agreement will be in writing and will be deemed duly given, if sent by a nationwide overnight delivery service, certified or registered mail, return receipt requested, postage prepaid, or by facsimile or electronic mail with a confirmation of receipt, to the addresses or facsimile numbers set forth below:

i. Richard Carter  
Chief Financial Officer  
4800 Fillmore Ave  
Alexandria, VA 22311  
Email: [rcarter@goodwinhouse.org](mailto:rcarter@goodwinhouse.org)  
Phone: 703-824-1373

Or such other addresses or correct information as either party may designate by notice to the other party in accordance with the terms of this section.

g. Governing Law. This Agreement will be governed by and construed in accordance with the laws of the State of Virginia.

h. Counterparts. This Agreement may be executed in any number of counterparts, each of which will be deemed an original, but all counterparts together will constitute one and the same instrument.

**IN WITNESS WHEREOF**, each of the parties has caused this Agreement to be executed by its duly authorized representative as of the date first above written.

**INSTITUTION:**

By: [Signature]

Print Name: LOIS F. BERLIN, Ed.D.

Title: INTERIM SUPERINTENDENT

Date: 12/6/17

**GHI:**

By: [Signature]

Print Name: Richard T. Carter  
Chief Financial Officer

Title: \_\_\_\_\_

Date: 2/22/18



[Signature]


### Immunization Requirements

#### 1. Tuberculosis Screening (TB/PPD)

- a. Program participants with documented "negative" PPD skin test history must have a current intermediate strength PPD skin test that is read and documented as "negative" within one year of assignment to GHI.
- b. For negative skin test reactors, the date of the last PPD skin test is important to determine the need for 2-step skin testing. If the interval from the last skin test is one year or longer, the 2-step procedure is required: two (2) PPD skin tests one week apart. If a skin test has been documented within the last year, only a single PPD skin test is required.
- c. Program participants with documented "positive" PPD skin test history must have clear chest x-ray (defined as negative for active tuberculosis) within one (1) year of assignment to GHI. Periodic timing of tuberculosis screening and surveillance is determined by GHI, and will occur at least every year, but may be required more often as mandated by OSHA or any other applicable governmental or accreditation entity, and/or advised by CDC, or as otherwise required by GHI policies and procedures, and will be complied with by the Institution in order to maintain continued assignment at GHI.

2. Rubella. Documentation showing past disease and immunity or an immunization record signed by a qualified health provider.
3. Rubeola. Documentation showing past disease and immunity or an immunization record signed by a qualified health provider (Agency Personnel born in 1957 or after are required to document receipt of two doses of vaccine).
4. Varicella. Documentation showing past disease and immunity or an immunization record signed by a qualified health provider (may require two (2) doses of vaccine to achieve immunity). If only one (1) dose has been received, serology should be performed to determine need for second dose.
5. Mumps. Documentation showing past disease and immunity or an immunization record signed by a qualified health provider.
6. Hepatitis B. Documentation showing past disease and immunity, or an immunization record signed by a qualified health provider (completion of three (3) dose series), or the completion of a Hepatitis B declination form signed by a licensed health provider.
7. Other. Such other immunizations and health screening as required by applicable law or reasonably requested by GHI in accordance with GHI applicable policies and procedures which may be amended from time to time by a notice to the Institution.



CERTIFICATE OF COVERAGE						Rev. 07/07/05
 <b>Producer:</b> VML INSURANCE PROGRAMS P.O. Box 3239, Glen Allen, VA 23058 1-800-963-6800 (Phone); 1-804-968-4662 (Fax) www.vmlins.org		This Certificate is issued as a matter of information only and confers no rights upon the Certificate Holder. This Certificate does not amend, extend or alter the Membership Agreement afforded by the policies below, nor guarantees the solvency of VML Insurance Programs.				
		COMPANIES AFFORDING COVERAGE				
<b>Named Insured:</b> Alexandria City Public Schools 1340 Braddock Place, Suite 610 Alexandria, VA 22314		VML Insurance Programs				
<b>COVERAGES</b> This is to certify that the coverage listed below has been issued to the Member named above for the policy period indicated, notwithstanding any requirement, term or condition of any contract or other document with respect to which this Certificate may be issued or may pertain, the coverage afforded by the policies described herein is subject to all the terms, exclusions and conditions of the Member Agreement and the policy forms. Limits shown may have been reduced by paid claims.						
Type of Coverage	Policy Number	Effective Date	Expiration Date	Limits		
<b>General Liability</b> Damage to Premises Rented to You Medical Payments	P-2017-2018-VMLP-0001-1	07/01/2017	07/01/2018	Each Occurrence	\$1,000,000	
				Any One Fire	\$1,000,000	
				Any One Person	\$10,000 includes students	
<b>Excess Liability</b>	P-2017-2018-VMLP-0001-1	07/01/2017	07/01/2018	Per Occurrence	\$10,000,000	
<b>Description of Operations/Locations/Vehicles/Special Items</b> Evidence of coverage for students interning at various sites.						
<b>CERTIFICATE HOLDER</b> ACPS 1340 Braddock Place Alexandria, VA 22314		<b>CANCELLATION:</b> Should the above described Member Agreement be cancelled before the expiration date thereof, VML Insurance Programs will endeavor to mail written notice within 30 days to the Certificate Holder named to the left, but failure to mail such notice shall impose no obligation of any kind upon VML Insurance Programs, its agents or representatives.				
		By: <i>Karen Nuckols</i> Date: 10/20/2017				



 ORIGINAL

## AFFILIATION AGREEMENT

THIS AGREEMENT ("Agreement") is made on this 21 day of Aug 2008 ("Effective Date"), by and between T.C. Williams High School ("Institution"), and Inova Health System, for itself and its affiliates and subsidiaries (collectively, "Inova").

### RECITALS

WHEREAS, the Institution, as part of its formal, educational course of studies may require clinical/occupational experiences of students, and desires to assign certain of its students to one or more Inova facilities to obtain such clinical/occupational experience; and

WHEREAS, Inova, in service to the community and to promote high standards of preparation and training for students, is willing to provide the necessary facilities for clinical/occupational experiences;

NOW, THEREFORE, in consideration of the foregoing premises and mutual covenants and promises contained herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

#### 1.0 Definitions.

1.1 "Administrator" shall mean the administrator or other appointed director of the Inova Facility, or his/her designee.

1.2 "Clinical/Occupational Experience" shall mean a structured learning experience at an Inova Facility in which a Student provides care to patients under the guidance of a Preceptor and/or participates in observational and/or other educational activities appropriate to the Student's level of preparation.

1.3 "Director" shall mean the Institution's Director of the Program.

1.4 "Facility" shall mean any facility owned and/or operated by Inova, including but not limited to hospitals, emergency care facilities, rehabilitation centers and long-term care facilities.

1.5 "Preceptor" shall mean an individual staffed at the Facility to facilitate Student learning and to provide guidance to Students at the Facility as part of the Clinical/Occupational Experience.

1.6 "Faculty" shall mean each individual employed by or affiliated with the Institution to instruct and supervise Students as part of the Program.

1.7 "Program" shall individually and collectively mean the program(s) in which Student(s) is/are enrolled at the Institution and receive all pre-placement training and education related to their field.

1.8 "School Year" shall mean September 1 - August 31.

1.9 "Student" shall mean a student officially enrolled in the Program at the Institution who participates in a Clinical/Occupational Experience at the Facility. This Agreement does not cover (i) undergraduate medical education rotations or (ii) medical residency/fellowship rotations.

2.0 Obligations of Institution. The Institution shall:

2.1 Review the Program's philosophy and objectives for the Clinical/Occupational Experience with the Administrator prior to the start of the Clinical/Occupational Experience.

2.2 Initiate planning for Clinical/Occupational Experiences at least six (6) weeks prior to the start of the School Year by submitting a written request to the Administrator indicating the number of Students expected to be assigned to each Clinical/Occupational Experience, the length of time and dates of each Clinical/Occupational Experience, and the proposed days and hours of each Clinical/Occupational Experience and the Inova Facility to which the Institution seeks to assign the student. The specific placement of Students, including schedules and the exact number of Students, shall be mutually agreed upon by the parties. Institution shall provide the Administrator with the name of each Student participating in a Clinical/Occupational Experience at least thirty (30) days prior to the start of the Clinical/Occupational Experience and shall promptly notify the Administrator of any changes.

2.3 Require Students who perform activities pursuant to this Agreement to observe the rules, regulations, policies and procedures of the Facility and strictly adhere to all laws and regulations pertaining to confidentiality and patient rights. Inova expects and demands that every Student will abide by said rules and strictly adhere to its policies as both a precondition of acceptance and a condition of retention. Institution shall assure itself that each Student understands the gravity of the foregoing in terms of the relationship of the parties and to the success of the Student.

2.4 Present for Clinical/Occupational Experiences only those Students who have had adequate prior instruction and who, in the expert judgment of the Director, have successfully fulfilled the prerequisites of the Program curriculum.

2.5 If required for Institution's purposes, provide evaluation forms for the evaluation of Students who participate in the Clinical/Occupational Experience.

2.6 Retain responsibility for education of Students in the Program and for the design, delivery, quality and curriculum of the Program.

2.7 Maintain all educational records and reports relating to the Clinical/Occupational Experience of the Students.

2.8 Require that school name pin identification, or such other identification as may reasonably be required by the Administrator, be appropriately displayed by Students.

2.9 Provide Inova with documentation prior to the beginning of each Clinical/Occupational Experience certifying to its knowledge that each Student meets the health requirements established by the Facility.

2.10 At Institution's/Student's expense, Institution shall engage an independent background investigation organization to perform a federal and all-state criminal background check on each Student. The investigation shall include, but in Inova's sole discretion may not be limited to, the following reports: criminal history, verification of Social Security number, and Positive Identification National Locator/OIG check. Institution shall ensure that any Student, who (i) has been convicted of a felony or of crime(s) involving theft, drug offenses or physical harm to another, or (ii) is an excluded individual under the OIG's exclusion program, is prohibited from participating in a Clinical/Occupational Experience at an Inova Facility. Inova reserves the right to reject results generated by a criminal background investigation organization that, in Inova's opinion, is inadequate and/or irreputable.

2.11 Institution shall ensure that each Student who performs activities at Facility pursuant to this Agreement is covered by professional liability insurance for occurrences during the term of this Agreement with the following limits: (a) per occurrence limits of not less than One Million Dollars (\$1,000,000.00); and (b) annual aggregate limits of not less than Three Million Dollars (\$3,000,000.00), or in such other amounts as the governing board of Inova may from time to time require. Institution shall also ensure that each Student has "tail" coverage surviving termination of this Agreement and extending to all periods during which services were rendered at Facility pursuant to this Agreement. Further, Institution shall ensure that each Student, prior to the commencement of the Clinical/Occupational Experience, provides the Administrator with certificates evidencing such coverage and shall immediately notify the Administrator of any changes regarding such insurance coverage.

Institution shall also maintain for all Students, Faculty, employees and agents who perform activities at the Facility pursuant to this Agreement, comprehensive general liability insurance with a combined single limit of not less than Two Million Dollars (\$2,000,000).

Nothing in this Agreement shall be construed or interpreted as releasing an insurance carrier under any insurance policy or the Institution or the state under any self-insurance program from: (a) its obligation under said policy or program to defend Institution, its Students, Faculty, agents or employees in any legal claim or action connected with or arising out of any activity which is the subject of this Agreement; (b) its obligation to pay under any such policy or program any claims or damages assessed against Institution, its Students, Faculty, agents or employees regarding any claim arising out of this Agreement; or (c) any other obligation under the terms of any such policy or program.

To the extent permitted by law, Institution shall be responsible for the acts or omissions of its Students, Faculty, employees or agents; nothing in this Agreement, however, shall be deemed as a waiver of state sovereign immunity.

2.12 Provide to the Administrator the name and telephone number of the Faculty who shall:

(i) Plan, in conjunction with Facility staff, Clinical/Occupational Experiences which will fulfill the Program's educational requirements and meet the objectives mutually agreed upon by the parties;

(ii) Meet with Facility staff to evaluate the Clinical/Occupational Experiences and discuss any problems which have arisen; and

(iii) Notify the Facility of any changes in the Program's curriculum.

2.13 Prior to performing their duties pursuant to this Agreement, make reasonable efforts to advise Students of their obligations and responsibilities pursuant to this Agreement.

3.0 Obligations of Inova. Inova shall:

3.1 Provide facilities suitable for fulfillment of the course objectives for the Clinical/Occupational Experience, as mutually agreed upon by the parties.

3.2 Determine, upon mutual consideration and agreement, the maximum number of Students to be assigned to the Facility for each Clinical/Occupational Experience and the schedule for each Clinical/Occupational Experience.

3.3 Where applicable, select patients for Student assignments required by the Clinical/Occupational Experience. The Facility may, at its discretion and at any time, make changes in the selection of patients for Student assignments.

3.4 Within normal limits imposed by the institutional setting and space constraints of the Facility, provide classrooms, conference rooms, lockers and storage space for the Clinical/Occupational Experience as appropriate.

3.5 Permit Students to use available cafeteria facilities at their own expense.

3.6 Where available, permit Students to utilize parking spaces. If parking at an Inova hospital and the hospital chooses to charge for the use of such parking spaces, Students shall be responsible for the payment of such parking fees.

3.7 Where available, permit Students to use the medical library for research and study.

3.8 Orient Students to the Facility and provide information regarding the Facility's rules, regulations, policies and procedures.



3.9 Provide emergency medical treatment to Students while on Facility premises during performance of activities pursuant to this Agreement. If at an Inova hospital, the Student shall report to the Emergency Department or such other Department as designated by the hospital and shall receive treatment in accordance with standard procedures in effect in such Department. If the Student is at a non-hospital Inova facility, arrangements shall be made for the Student to be transported to the nearest appropriate hospital, if necessary. The cost of any such treatment, including diagnostic tests and procedures, shall be the responsibility of the Student to whom such treatment was rendered, at the treating hospital's usual and customary charge.

3.10 Provide to the Director the name and telephone number of the Preceptor who shall:

(i) plan, in conjunction with the Director, Clinical/Occupational Experiences which will fulfill the Program's educational requirements and meet the objectives mutually agreed upon by the parties;

(ii) meet with the Faculty to discuss any problems;

(iii) provide guidance to the Students during the Clinical/Occupational Experiences; and

(iv) participate in periodic evaluation conferences in which the Clinical/Occupational Experiences are evaluated, and provide an evaluation for each Student who participates in a Clinical/Occupational Experience on forms furnished by the Institution.

3.11 Nothing in this Agreement shall be construed to require Inova or the Facility to contract with any additional person(s) to meet its obligations hereunder.

4.0 Care to Patients. Inova shall retain responsibility for the overall care provided to patients in the Facility. Students shall at all times be under the guidance of a Preceptor or Faculty while performing activities at the Facility pursuant to the terms of this Agreement. Inova reserves the right to establish limits on the numbers and types of Students permitted in each patient care unit of the Facility and to restrict specific Student activities in each patient care unit.

5.0 No Payments. The Clinical/Occupational Experience furnished to Students in connection with this Agreement is gratuitous and voluntary and shall be accomplished without any payment made by Inova to the Institution, its Faculty, Students, employees, or agents. Inova shall not be responsible for any income tax withholding, social security taxes, workers' compensation, and unemployment compensation with respect to Institution's Faculty, Students, employees and agents.

6.0 Nondiscrimination. The parties agree that they will not discriminate against any Student on the basis of color, race, religion, sex, age or national origin, except where religion, sex, age, or national origin is a bona fide qualification reasonably necessary to the normal operation of the Facility or Inova. Furthermore, the parties shall not discriminate against any



Student because of a disability, except where accommodation would result in undue hardship on the Facility or Inova or fundamentally alter the nature of the services provided.

7.0 Right to Refuse or Terminate Students.

7.1 Inova reserves the right to refuse acceptance of any Student designated by the Institution for participation in a Clinical/Occupational Experience and to terminate participation by any Student in a Clinical/Occupational Experience when, in the sole opinion of Inova: (i) the Student is deemed to be a risk to the Facility's patients, employees, or to himself or herself; (ii) the Student fails to meet or abide by the rules, regulations, policies and procedures of the Facility; (iii) the Student's conduct is detrimental to the business or reputation of the Facility or Inova; (iv) the Student fails to accept or comply with the direction of Facility staff; or (v) further participation by the Student would be inappropriate.

7.2 The Institution reserves the right to terminate a Student's participation in a Clinical/Occupational Experience when, in its sole discretion, further participation by the Student would be inappropriate.

8.0 Independent Contractors/No Agency. In the performance of duties and obligations hereunder, no Faculty, Student, employee, or agent of the Institution shall, for any purpose, be deemed to be an agent, servant or employee of Inova. No employee or agent of Inova shall be authorized to act for or on behalf of the Institution. Neither party shall withhold on behalf of the employees of the other, any sums for income tax, unemployment insurance, social security or any other withholding or benefit pursuant to any law or requirement of any governmental body. Nothing in this Agreement is intended nor shall be construed to create any employer/employee relationship, a joint venture relationship, or to allow the parties to exercise control over one another or the manner in which their employees or agents perform the services which are the subject of this Agreement.

9.0 Access to Records. Until the expiration of four (4) years after the furnishing of services under this Agreement, Institution shall make available to the Secretary of Health and Human Services, the U.S. Comptroller General, or any of their duly authorized representatives, this Agreement and such of the Institution's books, documents and records as are necessary to verify the nature and extent of costs incurred by Inova or the Institution with respect to such services for which payment may be made under Title XVIII or Title XIX of the United States Social Security Act.

10.0 Assignment. This Agreement shall not be assigned or subcontracted, whether individually or by operation of law, by either party hereto.

11.0 Term. The initial term of this Agreement shall be for one (1) year from the Effective Date and thereafter shall automatically renew for successive one (1) year periods.

12.0 Termination.

12.1 This Agreement shall run for the Term unless earlier terminated as provided herein.

12.2 This Agreement may be terminated at any time upon written mutual consent of the parties.

12.3 This Agreement may be terminated by either party at any time without cause by giving prior written notice of not less than sixty (60) days.

12.4 This Agreement shall terminate based on a material breach of this Agreement by either party, provided that the breaching party fails to cure the breach within thirty (30) days of the date of a written notice of the breach. If such breach is not cured within thirty (30) days of the notice, the date of termination shall be the thirtieth (30<sup>th</sup>) day following the date of the notice.

12.5 Where applicable, this Agreement shall terminate automatically on the insolvency or termination of the State Insurance Reserve Trust Fund, in the absence of any other provision for insurance conforming to the requirements of Section 2.11, above.

13.0 Confidentiality.

13.1 The Institution, its Faculty, Students, employees and agents shall not at any time during or after the Term of this Agreement, without the prior written consent of the Facility and Inova, either directly or indirectly divulge, disclose or communicate in any manner whatsoever to any person not employed or affiliated with the Facility or Inova: (a) any confidential information, including, but not limited to, patient information and information regarding quality assurance, risk management and peer review activities; and (b) any information concerning any matters affecting or relating to the business or operations or future plans of the Facility, Inova or any of its affiliates, including, but not limited to, Facility or Inova policies, procedures, rules, regulations, and protocols. This prohibition extends to, but is not limited to, divulging such information for the purpose of acting as an expert witness, reviewer, or consultant on behalf of a plaintiff or an attorney acting on behalf of a plaintiff, in a claim or action against an Inova Facility, Inova, or any of its affiliates. This paragraph, however, shall not prohibit or restrict the divulgence, disclosure, or communication made pursuant to an order of a court of competent jurisdiction, or to sworn affidavits, depositions, or other testimony, or otherwise required by law, required in connection with the defense of any claim or action against the Institution, its Faculty, Students, employees or agents. Any breach of the terms of this Confidentiality Section shall be a material breach of this Agreement. Student and Faculty who perform activities at the Facility pursuant to this Agreement shall be required to sign an acknowledgment letter substantially similar to Attachment 1 (attached hereto and incorporated herein by reference) agreeing to abide by this Confidentiality Section.

13.2 The parties agree that the Health Insurance Portability and Accountability Act of 1996 ("HIPAA"), and regulations promulgated thereunder, including the Privacy Rule (Standards for Privacy of Individually Identifiable Health Information at 45 C.F.R. part 160 and part 164, subparts A and E), require certain protection of Protected Health Information (as defined by HIPAA and the Privacy Rule). Institution acknowledges that its Faculty and Students

may have access to Facility's Protected Health Information during its Students' Clinical/Occupational Experience. Institution shall train its participating Faculty and Students on the protection and privacy of Protected Health Information and provide Inova with evidence of such training prior to assigning Faculty and Students to an Inova Facility. Such training shall meet the requirements of HIPAA and the Privacy Rule. Nothing in this Section 13.2 shall be construed as diminishing or eliminating Inova's obligation to orient Students to its facility-specific policies and procedures in accordance with Section 3.8.

13.3 The parties recognize that a breach of this Confidentiality Section of this Agreement may result in irreparable harm to Inova. In the event of such material breach, and without limiting the right of Inova to seek any other remedy or relief to which it may be entitled under law, Inova may seek injunctive relief against Institution, its Faculty, Students, employees, and agents.

13.4 This Confidentiality Section shall survive termination of this Agreement.

14.0 Notice. All notices under this Agreement shall be in writing and delivered by hand or deposited, postage prepaid, in first-class U.S. mail, registered and return receipt requested, addressed as follows or to such other address as a party may designate in writing accordance with this Section:

If to Inova:

Senior Director, Inova Learning Network  
Inova Health System  
2990 Telestar Court  
Falls Church, Virginia 22042

With a Copy to:

Shannon E. Sinclair  
Senior Vice President & General Counsel  
Inova Health System  
8110 Gatehouse Road, Suite 200 East  
Falls Church, Virginia 22042

If to Institution:

Sandra Ballif RN, MSN  
Program Director  
T.C. Williams H.S.  
3330 King Street  
Alexandria, VA 22302

15.0 Entire Agreement. This Agreement supersedes all earlier agreements between the parties and contains the final and entire Agreement between the parties with respect to the subject matter hereof and they shall not be bound by any terms, conditions, statements, or representations, oral or written, not herein contained, unless contained in a written executed amendment of this Agreement signed by all parties.

16.0 Severability. Should any provision(s) of this Agreement be held invalid, unlawful or unenforceable, the validity of any other provision(s) of this Agreement or the Agreement as a whole shall not be affected.

17.0 Governing Law. This Agreement shall be construed under and enforced in accordance with the laws of the Commonwealth of Virginia (excluding her choice of law provisions), and it shall be construed in a manner so as to conform with all applicable federal, state and local laws and regulations.

18.0 Compliance with Applicable Laws.

18.1 The parties agree to comply with applicable laws, regulations, rulings, and standards and amendments thereto, of all entities which regulate, license, govern and/or accredit the parties, including, but not limited to, federal, state and local governmental agencies.

18.2 In the event there are changes to or clarifications of federal, state or local statutes, regulations or rules which would materially affect the operations of the Facility or Inova, including, but not limited to, third-party reimbursement or Inova's tax-exempt status, the parties agree to examine this Agreement and to renegotiate any applicable provisions to accommodate the changes in the law.

18.3 Institution shall immediately notify Inova of: (i) any adverse action taken by the Institution's accrediting body against the Institution's Program, including but not limited to, a downgrade in accreditation status, withholding of accreditation, or probation; or (ii) a change in the Institution's accreditation status that materially affects the continued operation of this Agreement.

19.0 Counterparts. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.


20.0 Headings. Headings used in this Agreement are solely for the convenience of the parties and shall be given no effect in the construction or interpretation of this Agreement.

21.0 Waiver. No waiver of any breach of this Agreement shall constitute or be deemed a waiver of any other or subsequent breach. All remedies afforded in this Agreement shall be taken and construed as cumulative to every other remedy provided hereby or at law.

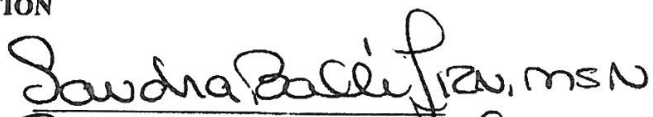
22.0 No Third Party Beneficiaries. This Agreement is not intended to and shall not confer upon any other person or business entity, other than the parties hereto, any rights or remedies with respect to the subject matter of this Agreement.

IN WITNESS WHEREOF, and in agreement hereto, Inova and the Institution have caused this Agreement to be executed in their respective behalf by their authorized representatives.

**INOVA HEALTH SYSTEM**

By:   
Name: Phyllis Doulaveris  
Title: Director Nursing Informatics  
Date: 8/25/08

**INSTITUTION**

By:   
Name: Sandra Ballif  
Title: Program Director  
Date: August 21, 2008

## **CLINICAL EDUCATION AFFILIATION AGREEMENT**

Made this 23<sup>rd</sup> day of October, 2017

### **BY AND BETWEEN**

**Alexandria City Public Schools**  
(hereinafter referred to as "School")

### **AND**

**Sentara Healthcare and its Subsidiaries**  
(hereinafter collectively referred to as "Sentara")

**WHEREAS**, School has one or more academic programs and is desirous of cooperating with Sentara to provide clinical learning experiences for students enrolled in School;

**WHEREAS**, Sentara owns and/or operates various health care programs and/or facilities including, but not limited to, Sentara Leigh Hospital, Sentara Norfolk General Hospital, Sentara Careplex Hospital, Sentara Virginia Beach General Hospital, Sentara Williamsburg Regional Medical Center, Sentara Obici Hospital, Sentara Princess Anne Hospital, Sentara Northern Virginia Medical Center, Sentara Rockingham Memorial Hospital, Martha Jefferson Hospital, Halifax Regional Hospital, Sentara Albemarle Regional Medical Center, Sentara Medical Group, Sentara Pratt Medical Group, Sentara RMH Medical Group, Sentara Nursing Center – Norfolk, Sentara Nursing Center – Hampton, Sentara Nursing Center – Portsmouth, Sentara Nursing Center – Virginia Beach, Sentara Nursing Center – Chesapeake, Sentara Home Health (collectively "Subsidiaries");

**WHEREAS**, Sentara is willing and able to function as an educational site for students enrolled in School; and

**WHEREAS**, School and Sentara mutually desire to provide opportunities for students to become competent practitioners.

**NOW, THEREFORE**, in consideration of the mutual benefits to be derived by School and Sentara, the parties hereby agree as follows:

- I. SCHOOL AGREES TO:**
  - A.** Acquaint Sentara personnel with the overall objectives of School and provide the appropriate educational objectives and documents for educational experiences to Sentara.
  - B.** Retain the overall responsibility for development of the student's academic educational program and educational experiences, including the selection and supervision of learning experiences.

- C. Assign to Sentara only those students who have satisfactorily completed the academic and applicable clinical prerequisites for clinical experience.
- D. Provide professional liability insurance, and/or, subject to approval by Sentara, self-insurance coverage for students and supervising faculty in a minimum amount equal to not less than the limitation on recovery per occurrence specified in Section 8.01-581.15 of the Code of Virginia, as such Section may be hereafter amended or superseded, and two (2) times that amount in the annual aggregate, to cover any loss, liability or damage alleged to have been committed by students, or any other agents, servants or employees of School and provide Sentara with a certificate of insurance upon request. A copy of the state requirement is attached hereto as Exhibit A. School has the option of meeting the professional liability insurance requirement above with a single primary policy or by providing evidence of an excess or umbrella policy that, in addition to the primary policy, provides the coverage and meets the professional liability insurance requirement. Any excess or umbrella liability insurance used for this requirement must make reference to Professional Liability. The foregoing insurance obligations of School shall survive the expiration or termination of this Agreement with regard to claims arising from events occurring during the term of this Agreement.

School shall notify Sentara within 10 days of any lapse, cancellation or modification of mandatory minimum insurance coverage, and further agrees that Sentara may terminate this Agreement by giving 30 days written notice for School's failure to comply with or maintain the required coverage.

- E. Provide Sentara with timely written notice of any claims arising under or directly related to this Agreement, and the opportunity to participate in the defense of such claims.
- F. Ensure that, when appropriate, students are trained in compliance with OSHA Blood-Borne Pathogen Regulations.
- G. Ensure that all students shall have medical screenings, tests, and treatments as required by regulatory agencies, federal or state laws, and OSHA regulations. Specifically, School shall provide acceptable evidence upon request that students assigned to Sentara have been screened annually for Tuberculosis according to CDC guidelines and demonstrate immunity to vaccine preventable diseases to include Rubeola (Measles), Mumps, Rubella, Varicella and Pertussis to comply with the Tuberculosis Surveillance and Immunization Requirements found in Exhibit B. Documentation of a satisfactory health status should be completed by the students physician and shall be provided to Sentara designated representative upon request. No student will be permitted to start an assignment without required evidence of satisfactory health status. Should students fulfill periodic assignments at Sentara, evidence of annual immunization requirements noted in Exhibit B will be required for such students one (1) time per year. The parties to this Agreement agree that Sentara may modify Exhibit B at any time. Any changes made shall be made in good faith and in order to comply with legal requirements, and/or for the purposes of improving communication and/or efficiency, and shall become a part of this



**II. SENTARA AGREES TO:**

- A. Conduct an appropriate orientation for each student with respect to the policies of Sentara and provide each student with a copy of applicable policies and procedures.
- B. Where appropriate, appoint a qualified Sentara employee who will be responsible for directing and coordinating School students' experiences at Sentara.
- C. Provide School with a performance appraisal for each student on a form prescribed by School.
- D. Notify School of any unsatisfactory conduct or performance of any student assigned to Sentara in a timely manner. As applicable, permit School faculty member's access to Sentara site and/or the students assigned to Sentara.
- E. Provide all necessary personal protective equipment for students, while assigned to Sentara in compliance with OSHA Blood-Borne Pathogen Regulations and the Nuclear Regulatory Commission, as appropriate.
- F. Assume responsibility for its patients and have final authority with regard to decisions relating to patient care when students are assigned to the care and treatment of patients in Sentara.
- G. Remain in good standing with Sentara licensing body, provide School with evidence of such licensure upon request, and notify School in the event any licensing status changes.
- H. Sentara acknowledges that the information provided by School, or others on behalf of School, that directly relates to any Student, including academic information, professional information (e.g., licenses obtained, suspension, revocation); training and/or certifications; health information; and the results of any criminal background check and/or drug testing/treatment information, hereinafter ("Student information") is protected by the Family Educational Rights and Privacy Act (FERPA). Sentara agrees that it (1) will protect the confidentiality of Student information; (2) will not use Student information for any purpose other than to carry out the purposes of this Agreement; and (3) will not disclose Student information except to individuals within its organization who have a legitimate need to know Student information.

**III. SCHOOL AND SENTARA MUTUALLY AGREE THAT:**

- A. Students accepted by Sentara for an educational experience shall be subject to the rules and regulations of Sentara and School.
- B. Sentara and School will, by mutual consent, determine the dates and times for student placement.



- C. Reasonable efforts will be made to resolve problems with the students by working with School and its faculty; however, Sentara reserves the right to request the immediate removal of any student from participation in the educational experience at Sentara in the event of student's violation of Sentara policies, rules or regulations, or if Sentara deems that the student poses a danger to the health and safety of patients or staff of Sentara or behaves in an unacceptable manner.
- D. Necessary emergency medical care for each student while assigned to Sentara will be arranged at the student's expense.
- E. Each party agrees to indemnify and hold harmless the other party ("Indemnitee"), its employees, agents, servants, students, faculty, and staff against and from any and all claims, suits, liability, attorney fees, damages and expenses due to the indemnifying party's acts or omissions or the acts or omissions of the indemnifying party's trustees, agents and employees directly related to the indemnifying party's obligations pursuant to this Agreement. Sentara's obligations to indemnify under this section shall be limited if and to the extent that School's obligations to indemnify Sentara are limited by applicable law, specifically including any law or constitutionally mandated limits on School's obligations to pay claims or indemnify third parties for damages attributable to the acts or omissions of School, its agents employees, students, staff or faculty.
- F. Both parties hereto are independent entities; neither shall have nor exercise any control over the means, manner or method by which the other performs its obligations under this Agreement.
- G. Students assigned to Sentara for educational rotations are not, and shall not be considered employees of Sentara for any reason.
- H. As a condition to placement and continuing presence of students at Sentara, the ratio of students to faculty shall be mutually agreed upon between Sentara and School and will be in accordance with appropriate state and federal laws and regulations as well as any accrediting agencies with authority to review the programs and services of School or Sentara.
- I. This Agreement shall be effective for a period of one year and shall thereafter renew annually unless terminated.
- J. Either party may terminate this Agreement with or without cause upon 90 days' notice. Any student who is participating in the educational experience at Sentara, at the time of termination, will be permitted to complete the agreed upon training, subject to Section III B of this Agreement.
- K. The terms of this Agreement may be modified only upon mutual written consent of the parties.

- L. This Agreement shall be governed and construed in accordance with the laws of the Commonwealth of Virginia.
- M. Any notice required by this Agreement, shall be in writing and delivered in person, evidenced by a signed receipt, or mailed by certified mail to the persons indicated below:
- Sentara:  
Kathy Jackson, School Affiliate Liaison  
1441 Crossways Blvd, Suite 106  
Chesapeake, VA 23320
- School:  
Sherri Chapman, Career and Technical Education  
1340 Braddock Place  
Alexandria, VA 22311
- N. Each party agrees that all individual patient medical records and information are and must remain under the ownership and control of Sentara, and must be held in strictest confidence in accordance with applicable law, including but not limited to HIPAA.
- O. This Agreement shall bind and inure to the benefit of the parties named herein and their respective successors and assigns. Sentara may assign all or part of its interest hereunder to an organization owned or operated by Sentara Healthcare without obtaining the prior written consent of School. School may not assign this Agreement without prior written consent of Sentara.
- P. This Agreement may be signed in one or more counterpart signature pages, each of which shall constitute an original. Signature pages delivered by facsimile or other electronic transmission shall constitute an original.

[Signatures Follow On Next Page]

{Signature Page to Clinical Education Affiliation Agreement}

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed on the last day and year written below.

SCHOOL:

Name:

Lois F. Berlin  
Lois F. Berlin, Ed.D.

Title: Interim Superintendent of Schools

Date: 10/30/17

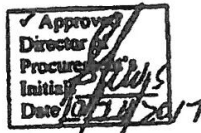
SENTARA HEALTHCARE:

Name:

David F. Woolwine Jr.  
David F. Woolwine Jr.

Title: Vice President of Learning and OD

Date: 11/6/17



## **Exhibit A**

**Code of Virginia  
Title 8.01. Civil Remedies and Procedure  
Chapter 21.1. Medical Malpractice.**

### **§ 8.01-581.15. Limitation on recovery in certain medical malpractice actions**

In any verdict returned against a health care provider in an action for malpractice where the act or acts of malpractice occurred on or after August 1, 1999, which is tried by a jury or in any judgment entered against a health care provider in such an action which is tried without a jury, the total amount recoverable for any injury to, or death of, a patient shall not exceed the following, corresponding amount:

August 1, 1999, through June 30, 2000	\$1.50 million
July 1, 2000, through June 30, 2001	\$1.55 million
July 1, 2001, through June 30, 2002	\$1.60 million
July 1, 2002, through June 30, 2003	\$1.65 million
July 1, 2003, through June 30, 2004	\$1.70 million
July 1, 2004, through June 30, 2005	\$1.75 million
July 1, 2005, through June 30, 2006	\$1.80 million
July 1, 2006, through June 30, 2007	\$1.85 million
July 1, 2007, through June 30, 2008	\$1.925 million
July 1, 2008, through June 30, 2012	\$2.00 million
July 1, 2012, through June 30, 2013	\$2.05 million
July 1, 2013, through June 30, 2014	\$2.10 million
July 1, 2014, through June 30, 2015	\$2.15 million
July 1, 2015, through June 30, 2016	\$2.20 million
July 1, 2016, through June 30, 2017	\$2.25 million
July 1, 2017, through June 30, 2018	\$2.30 million
July 1, 2018, through June 30, 2019	\$2.35 million
July 1, 2019, through June 30, 2020	\$2.40 million
July 1, 2020, through June 30, 2021	\$2.45 million
July 1, 2021, through June 30, 2022	\$2.50 million
July 1, 2022, through June 30, 2023	\$2.55 million

#### **Exhibit A (cont.)**

July 1, 2023, through June 30, 2024	\$2.60 million
July 1, 2024, through June 30, 2025	\$2.65 million
July 1, 2025, through June 30, 2026	\$2.70 million
July 1, 2026, through June 30, 2027	\$2.75 million
July 1, 2027, through June 30, 2028	\$2.80 million
July 1, 2028, through June 30, 2029	\$2.85 million
July 1, 2029, through June 30, 2030	\$2.90 million
July 1, 2030, through June 30, 2031	\$2.95 million

In any verdict returned against a health care provider in an action for malpractice where the act or acts of malpractice occurred on or after July 1, 2031, which is tried by a jury or in any judgment entered against a health care provider in such an action which is tried without a jury, the total amount recoverable for any injury to, or death of, a patient shall not exceed \$3 million. Each annual increase shall apply to the act or acts of malpractice occurring on or after the effective date of the increase.

Where the act or acts of malpractice occurred prior to August 1, 1999, the total amount recoverable for any injury to, or death of, a patient shall not exceed the limitation on recovery set forth in this statute as it was in effect when the act or acts of malpractice occurred.

In interpreting this section, the definitions found in § 8.01-581.2 shall be applicable.

Code 1950, §§ 8-654.8; 1976, c. 611; 1977, c. 617; 1983, c. 496; 1999, c. 711; 2001, c. 211; 2011, cc. 158, 259.

# Exhibit B

## SENTARA

### Tuberculosis Surveillance and Immunization Requirements for Personnel Working in Patient Care Facilities or in a Patient Care Role

Every person working / serving in a patient care facility or in a patient care role within Sentara Healthcare is required to provide evidence of the following communicable disease screens and/or vaccinations unless physician documented medical or religious reason for non-compliance.

DISEASE	IMMUNIZATION	EVIDENCE OF IMMUNITY
Hepatitis B	Hepatitis B Recombinant Vaccine (REQUIRED for personnel who may be exposed to blood and body fluids)	<ul style="list-style-type: none"> <li>Three (3) doses of Hepatitis B recombinant vaccine OR</li> <li>Serum Titer laboratory test result indicating immunity OR</li> <li>Evidence of declination</li> </ul>
Influenza	Influenza (Inactivated virus) Vaccine (REQUIRED for all personnel or must mask during flu season)	<ul style="list-style-type: none"> <li>Annual single dose</li> </ul>
Rubeola (Measles) Rubella Mumps	Measles / Mumps / Rubella Vaccine (MMR) - live virus (REQUIRED; contraindicated if pregnant)	<ul style="list-style-type: none"> <li>Two (2) doses of live vaccine on or after 1<sup>st</sup> birthday OR</li> <li>Serum Titer laboratory test result indicating immunity</li> </ul>
Pertussis	Tdap Vaccine (REQUIRED)	<ul style="list-style-type: none"> <li>Tdap is a one-time single dose booster</li> </ul>
Varicella	Varicella - zoster Vaccine (live virus) (REQUIRED; contraindicated if pregnant)	<ul style="list-style-type: none"> <li>Two (2) doses, 4-8 weeks apart OR</li> <li>Serum Titer laboratory test result indicating immunity</li> </ul>
Tuberculosis	(REQUIRED) TB Risk Assessment (Virginia Department of Health) <a href="http://www.vdh.virginia.gov/tb/documents/Form512withsite.pdf">http://www.vdh.virginia.gov/tb/documents/Form512withsite.pdf</a>	A TB Risk Assessment is to be conducted on all personnel upon initiation of assignment and annually thereafter.

Source: Sentara Occupational Health Services Date: 5 NOV 2014

#### References:

- CDC. MMWR. Immunization of health care personnel: recommendations of the Advisory Committee on Immunization Practices (ACIP); November 25, 2011.  
<http://www.cdc.gov/mmwr/pdf/rr/rr6007.pdf>
- CDC. MMWR. Department of Health and Human Services. Epidemiology and prevention of vaccine-preventable diseases. 2012.  
<http://www.cdc.gov/vaccines/pubs/pinkbook/table-of-contents.html>
- CDC. MMWR. General recommendations on immunization: recommendations of the Advisory Committee on Immunization Practices; January 28, 2011.  
<http://www.cdc.gov/mmwr/pdf/rr/rr6002.pdf>
- CDC. MMWR. Guidelines for preventing the transmission of mycobacterium tuberculosis in health-care settings. 2005; 54: 1-141.  
<http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5412a1.htm>

## **Appendix H**

# **Partnership and Affiliation Agreements**

## **Advisory Committee**

## **Planning Committee**

## Alexandria City Public Schools Governor's Health Sciences Academy Advisory Committee

<b><i>Partner Name</i></b>	<b><i>Name and Title</i></b>	<b><i>Contact Information</i></b>
Alexandria/Arlington Regional Workforce Council	David Remick, Executive Director	2100 Washington Blvd. Arlington, Virginia 22204 703-228-1412 <a href="mailto:dremick@arlingtonva.us">dremick@arlingtonva.us</a>
Alexandria City Public Schools	Sherri Chapman, CTE Coordinator	1340 Braddock Place Alexandria, Virginia 22314 703-619-8338 <a href="mailto:sherri.chapman@acps.k12.va.us">sherri.chapman@acps.k12.va.us</a>
Alexandria City Public Schools	Kurt Huffman, Director of School, Business, and Community Partnerships	1340 Braddock Place Alexandria, Virginia 22314 703-619-8307 <a href="mailto:kurt.huffman@acps.k12.va.us">kurt.huffman@acps.k12.va.us</a>
Alexandria City Public Schools	Marcia Jackson, Director of K-12 School Counseling	1340 Braddock Place Alexandria, Virginia 22314 703-619-8157 <a href="mailto:marcia.jackson@acps.k12.va.us">marcia.jackson@acps.k12.va.us</a>
Alexandria City Public Schools	Dr. Gerald Mann, Executive Director of Secondary Instruction	1340 Braddock Place Alexandria, Virginia 22314 703-619-8020 <a href="mailto:gerald.mann@acps.k12.va.us">gerald.mann@acps.k12.va.us</a>
Alexandria City Public Schools	Dr. Terri Mozingo, Chief Academic Officer	1340 Braddock Place Alexandria, Virginia 22314 703-619-8020 <a href="mailto:terri.mozingo@acps.k12.va.us">terri.mozingo@acps.k12.va.us</a>
Alexandria Economic Development Partnership	Ryan Touhill, Chief of Staff	625 North Washington St. Suite 400 Alexandria, VA 22314 703-739-3820 <a href="mailto:touhill@AlexEcon.org">touhill@AlexEcon.org</a>
George Washington University School of Medicine and Health Sciences	Dr. Catherine Golden, Associate Dean , Academic Planning and Assessment	2100 Pennsylvania Avenue, NW, Suite 300 Washington, DC 20037 202-994-3564 <a href="mailto:cagw@gwu.edu">cagw@gwu.edu</a>
George Washington University School of Medicine and Health Sciences	Kevin O'Connor, Associate Professor of Medicine Senior Advisor for Health Sciences	2100 Pennsylvania Avenue, NW, Suite 312 Washington, DC 20037 202-994-0024 <a href="mailto:kcoconnor@gwu.edu">kcoconnor@gwu.edu</a>
George Washington University School of Medicine and Health Sciences	Dr. Linda Zanin, Director of Strategic Partnerships	2100 Pennsylvania Avenue, NW Suite 300 Washington, DC 20037 240-672-8046 <a href="mailto:lzanin@gwu.edu">lzanin@gwu.edu</a>
Inova Health Systems	Ann Harbour, Director, Government and Community Relations, East Region	4320 Seminary Drive, Suite 900 Alexandria, VA 22304 804-878-9087 <a href="mailto:Ann.Harbour@inova.org">Ann.Harbour@inova.org</a>



McGuire Woods Consulting, LLC	James W. Dyke, Jr., Senior Advisor	1750 Tysons Boulevard, Suite 1800 Tysons, VA 22102-4215 703-712-5449 <a href="mailto:jdyke@mwcllc.com">jdyke@mwcllc.com</a>
Northern Virginia Community College	Dr. M. Annette Haggray Provost, Alexandria Campus	5000 Dawes Avenue Alexandria, Virginia 22311 703-845-6347 <a href="mailto:mahaggray@nvcc.edu">mahaggray@nvcc.edu</a>
Northern Virginia Community College	Dr. Nicole Reeves, Provost Medical Education Campus	6699 Springfield Center Drive Springfield, VA 22150 703-822-6699 <a href="mailto:nreaves@nvcc.edu">nreaves@nvcc.edu</a>
Parent/Alexandria City Resident	Patricia Braun	37 E Linden St. Alex, VA 22301 703-683-4493 <a href="mailto:patricia.braun@acps.k12.va.us">patricia.braun@acps.k12.va.us</a>
Parent/Alexandria City Resident	Mr. John Lennon, Parent	244 Murtha Street Alexandria, Virginia 22304 703-888-1255 <a href="mailto:jlennon04@comcast.net">jlennon04@comcast.net</a>
Physician Assistant Foundation	Lynette Sappe-Watkins, Executive Director	2318 Mill Rd., #1300 Alexandria, VA 22314 <a href="mailto:LSappe-Watkins@aapa.org">LSappe-Watkins@aapa.org</a>
T.C. Williams High School	Jessica Agbeve, Student	3330 King Street Alexandria, Virginia 22302 703-824-6800 <a href="mailto:JA14682@students.acps.k12.va.us">JA14682@students.acps.k12.va.us</a>
T.C. Williams High School	Peter Balas, Principal	3330 King Street Alexandria, Virginia 22302 703-824-6800 <a href="mailto:peter.balas@acps.k12.va.us">peter.balas@acps.k12.va.us</a>
T.C. Williams High School	Michele Coffman, Dual Enrollment/Academy Coordinator	3330 King Street Alexandria, Virginia 22302 703-824-6800 <a href="mailto:michele.coffman@acps.k12.va.us">michele.coffman@acps.k12.va.us</a>
T.C. Williams High School	Lauren Larsen, Student	3330 King Street Alexandria, Virginia 22302 703-824-6800 <a href="mailto:LL41700@students.acps.k12.va.us">LL41700@students.acps.k12.va.us</a>
T. C. Williams High School	Nicole Larsen, Student	3330 King Street Alexandria, Virginia 22302 703-824-6800 <a href="mailto:NL16604@students.acps.k12.va.us">NL16604@students.acps.k12.va.us</a>

## Alexandria City Public Schools Governor's Health Sciences Academy Planning Committee

<b><i>Partner Name</i></b>	<b><i>Name and Title</i></b>	<b><i>Contact Information</i></b>
Alexandria City Fire Department	Brian Hricik, EMS Battalion Chief; President, Northern Virginia EMS Council	3301 Duke Street Alexandria, VA 22314 703-746-5245 <a href="mailto:novapresident@vaems.org">novapresident@vaems.org</a>
Alexandria City Public Schools	Michael Humphreys, Instructional Specialist for Health and Physical Education	1340 Braddock Place Alexandria, Virginia 22314 703-619-8020 <a href="mailto:michael.humphreys@acps.k12.va.us">michael.humphreys@acps.k12.va.us</a>
Alexandria City Public Schools	Jennifer Lay Science Instructional Specialist	1340 Braddock Place Alexandria, Virginia 22314 703-619-8020 <a href="mailto:jennifer.lay@acps.k12.va.us">jennifer.lay@acps.k12.va.us</a>
Alexandria City Public Schools	Krishna Leyva, Family and Community Engagement Manager	1340 Braddock Place Alexandria, Virginia 22314 703-619-8153 <a href="mailto:krishna.leyva@acps.k12.va.us">krishna.leyva@acps.k12.va.us</a>
Alexandria City Public Schools	Jodie Peters, AVID District Director	1340 Braddock Place Alexandria, Virginia 22314 703-619-8020 <a href="mailto:jodie.peters@acps.k12.va.us">jodie.peters@acps.k12.va.us</a>
Alexandria City Public Schools	Dr. Greg Tardieu, Grants Officer	1340 Braddock Place Alexandria, Virginia 22314 703-619-8162 <a href="mailto:gregory.tardieu@acps.k12.va.us">gregory.tardieu@acps.k12.va.us</a>
Francis C. Hammond Middle School	Denee' Scott, Director of School Counseling	4646 Seminary Road Alexandria, VA 22304 703-461-4100 <a href="mailto:denee.scott@acps.k12.va.us">denee.scott@acps.k12.va.us</a>
George Washington Middle School	Gregory Forbes, Director of School Counseling	1005 Mount Vernon Avenue Alexandria, Virginia 22301 703-706-4500 <a href="mailto:gregory.forbes@acps.k12.va.us">gregory.forbes@acps.k12.va.us</a>
George Washington University	Teri Capshaw, Communications and Editorial Director, Health Sciences	2100 Pennsylvania Avenue, NW, Suite 300 Washington, DC 20037 202-994-1621 <a href="mailto:tcapshaw@gwu.edu">tcapshaw@gwu.edu</a>
George Washington University	Marcia Firmani, Interim Chair Integrated Health Sciences Department	2100 Pennsylvania Avenue, NW, Suite 300 Washington, DC 20037 202-994-8338 <a href="mailto:mfirmani@gwu.edu">mfirmani@gwu.edu</a>
George Washington University	Dr. Qing Zeng, Director Biomedical Informatics Center	2100 Pennsylvania Avenue, NW, Suite 300 Washington, DC 20037 202-994-5105 <a href="mailto:zengq@gwu.edu">zengq@gwu.edu</a>
Mount Vernon Physical Therapy	Jennifer Herrington, DPS, OCS	8400 Radford Avenue, Suite 200 Alexandria, VA 571-481-4547 <a href="mailto:Jennifer.Herrington@mac.com">Jennifer.Herrington@mac.com</a>

Northern Virginia Community College	Megan Cook, Assistant Dean Occupational Therapy Assistant/Associate Professor	6699 Springfield Center Drive Springfield, VA 22150 703-822-0038 <a href="mailto:mcook@nvcc.edu">mcook@nvcc.edu</a>
Northern Virginia Community College	Gerry Hofler, Program Coordinator-NoVa Health FORCE	6699 Springfield Center Drive Springfield, VA 22150 703-822-6528 <a href="mailto:ghofler@nvcc.edu">ghofler@nvcc.edu</a>
Parent, Alexandria City	Margaret Martin	2910 Mayer Place Alexandria, VA 22302 <a href="mailto:maggiem@me.com">maggiem@me.com</a>
Parent, Alexandria City	Patricia Munson	2911 Mayer Place Alexandria, VA 22302 <a href="mailto:MM15466@students.acps.k12.va.us">MM15466@students.acps.k12.va.us</a>
Parent, Alexandria City	Marie Randall	2904 Cameron Mills Rd. Alexandria, VA 22302 <a href="mailto:LR50431@students.acps.k12.va.us">LR50431@students.acps.k12.va.us</a>
T.C. Williams High School	Josephine Bloodworth, Program Coordinator for Nurse Aide	3330 King Street Alexandria, Virginia 22302 703-824-6800 <a href="mailto:josephine.bloodworth@acps.k12.va.us">josephine.bloodworth@acps.k12.va.us</a>
T.C. Williams High School	Laura Evans, Health and Medical Sciences Instructor	3330 King Street Alexandria, Virginia 22302 703-824-6800 <a href="mailto:laura.evans@acps.k12.va.us">laura.evans@acps.k12.va.us</a>
T.C. Williams High School	Marjorie Franke`, Head Athletic Trainer	3330 King Street Alexandria, Virginia 22302 703-824-6800 <a href="mailto:marjorie.franke@acps.k12.va.us">marjorie.franke@acps.k12.va.us</a>
T.C. Williams High School	Cara Martin, Student	2910 Mayer Place Alexandria, VA 22302 <a href="mailto:maggiem@me.com">maggiem@me.com</a>
T.C. Williams High School	Maura Munson, Student	2911 Mayer Place Alexandria, VA 22302 <a href="mailto:MM15466@students.acps.k12.va.us">MM15466@students.acps.k12.va.us</a>
T.C. Williams High School	Lila Randall, Student	2904 Cameron Mills Rd. Alexandria, VA 22302 <a href="mailto:LR50431@students.acps.k12.va.us">LR50431@students.acps.k12.va.us</a>
T.C. Williams High School	Kathy Taylor, Assistant Principal	3330 King Street Alexandria, Virginia 22302 703-824-6800 <a href="mailto:ktaylor@acps.k12.va.us">ktaylor@acps.k12.va.us</a>
T.C. Williams High School	Jennifer Ushe, Biotechnology Foundations Instructor	3330 King Street Alexandria, Virginia 22302 703-824-6800 <a href="mailto:jennifer.ushe@acps.k12.va.us">jennifer.ushe@acps.k12.va.us</a>
T.C. Williams High School	Gregory Wright, Instructor Health and Medical Sciences	3330 King Street Alexandria, Virginia 22302 703-824-6800 <a href="mailto:gregory.g.wright@acps.k12.va.us">gregory.g.wright@acps.k12.va.us</a>

## GW/ACPS ACADEMY OF HEALTH SCIENCES

at

T.C. WILLIAMS HIGH SCHOOL

**Advisory Committee Certification  
Governor's Health Sciences Academy  
At T.C. Williams High School**

### **Advisory Committee Members Agreement**

Key to the success of the Governor's Health Sciences Academy at T.C. Williams High School (Alexandria City Public Schools) is an actively engaged and knowledgeable Advisory Committee of representations from industry, business, postsecondary and higher education and government.

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My Signature below certifies my willingness to be an active member on the Advisory Committee for the proposed Governor's Health Sciences Academy at T.C. Williams High School described in detail in the accompanying application for this distinguished designation.

Name: David Remick

Title: Executive Director

Organization: Alexandria/Arlington Workforce Council

David Remick Digitally signed by David Remick  
Date: 2018.06.08 14:39:44 -04'00'

*Signature*

November 9, 2017  
*Date*

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Name:

Sherri Chapman

Title:

CTE Coordinator

Organization:

Alexandria City Public Schools

Sherri Chapman  
Signature

11/29/2017  
Date

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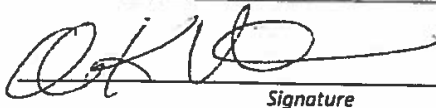
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Name: Kurt Huffman

Title: Director of School, Business and Community Partnerships

Organization: Alexandria City Public Schools

  
Signature

11/30/2017

Date

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Name: Marcia Jackson

Title: Director, K-12 School Counseling

Organization: Alexandria City Public Schools

Marcia Jackson Digitally signed by Marcia Jackson  
Date: 2018.06.08 14:37:31 -04'00'

*Signature*

November 9, 2017

*Date*

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Name: Gerald Mann

Title: Executive Director of Secondary Instruction

Organization: Alexandria City Public Schools

Gerald Mann

Digitally signed by Gerald Mann  
Date: 2018.06.08 14:32:28 -04'00'

*Signature*

November 9, 2017

*Date*

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Name: Terri N. Mozingo

Title: Chief Academic Officer

Organization: Alexandria City Public Schools

Terri N. Mozingo  
Signature

11/9/2017  
Date

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Name: Ryan Touhill

Title: Chief of Staff

Organization: Alexandria Economic Development Partnership

Ryan L. Touhill  
Signature

11/15/2017  
Date

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## GW/ACPS ACADEMY OF HEALTH SCIENCES

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Name: Catherine Golden

Title: Associate Dean-Academic Advisement

Organization: GWU School of Medicine and Health Sciences

Catherine Golden

Digitally signed by Catherine Golden  
Date: 2018.06.08 14:43:29 -04'00'

*Signature*

November 9, 2017

*Date*

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Name:

KEVIN C. O'CONNOR, DO, FAAFP

Title:

Associate Professor of Medicine  
Senior Advisor for Health Sciences  
GWU School of Medicine & Health Sciences

Organization:

GWU

  
Signature

9 Nov 17

Date

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Name: Linda Zanon

Title: Director of Strategic Partnerships

Organization: George Washington University

Linda Zanon  
Signature

11/21/17  
Date

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[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



School of Medicine  
& Health Sciences

THE GEORGE WASHINGTON UNIVERSITY



# GW/ACPS ACADEMY OF HEALTH SCIENCES

at  
T.C. WILLIAMS HIGH SCHOOL

Advisory Committee Certification  
Governor's Health Sciences Academy  
At T.C. Williams High School

## Advisory Committee Members Agreement

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5. Assure achievement of the Academy's critical educational mission by providing oversight over ongoing program and co-curricular outcome evaluation.
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My Signature below certifies my willingness to be an active member on the Advisory Committee for the proposed Governor's Health Sciences Academy at T.C. Williams High School described in detail in the accompanying application for this distinguished designation.

Name: Ann Harbauer

Title: Director, Government & Community Relations, East Region

Organization: Inova Health System

[Signature]  
Signature

11/9/17  
Date

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smhs.gwu.edu/strategicpartnerships/ACPS



School of Medicine  
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Name: James W. Dyke, Jr

Title: Senior Advisor

Organization: McGuire Woods Consulting, LLC

James W. Dyke, Jr  
Signature

11/13/17  
Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)  
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Name: M. Annette Haggray

Title: Provost

Organization: NOVA-Alexandria Campus

M. Annette Haggray Digitally signed by M. Annette Haggray  
Date: 2017.12.04 16:22:11 -05'00'

Signature

12/4/17

Date

[www.acps12va.us/Domain/47](http://www.acps12va.us/Domain/47)  
[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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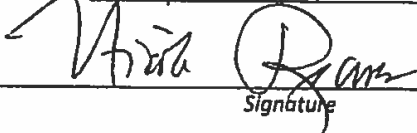
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Name: Nicole Reeves

Title: Provost

Organization: Northern VA Community College

  
Signature

5/19/18  
Date

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[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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Name: Patricia Braun

Title: Parent

Organization: \_\_\_\_\_

Patricia Braun Digitally signed by Patricia Braun  
Date: 2018.06.01 10:01:42 -04'00'  
Signature

June 1, 2018  
Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)  
[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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Name: John Lawrence

Title: Former PTM Pres (2010-2017)

Organization: Parent

[Signature]  
Signature

NOV 2017  
Date

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School of Medicine  
& Health Sciences

THE GEORGE WASHINGTON UNIVERSITY



## GW ACPS ACADEMY OF HEALTH SCIENCES

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Governor's Health Sciences Academy  
At T.C. Williams High School

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My Signature below certifies my willingness to be an active member on the Planning Committee for the proposed Governor's Health Sciences Academy at T.C. Williams High School described in detail in the accompanying application for this distinguished designation.

Name: Lynette Sappe-Watkins

Title: Executive Director

Organization: PA Foundation

Lynette Sappe-Watkins Digitally signed by Lynette Sappe-Watkins  
Date: 2018.02.28 11:11:04 -0500

*Signature*

02/28/2018

*Date*

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Name: Jessica Agbeve

Title: Student

Organization: TC Williams HS

Jessica Agbeve Digitally signed by Jessica Agbeve  
Date: 2018.06.08 12:00:49 -04'00'  
Signature

June 8, 2018  
Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)  
[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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Name: Peter Balas

Title: Principal

Organization: ACPS - TCW

Peter Balas  
Signature

11/17/17  
Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)

[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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# GW/ACPS ACADEMY OF HEALTH SCIENCES

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Governor's Health Sciences Academy  
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Name: Michele Coffman

Title: Dual Enrollment/Academy Coordinator

Organization: TC Williams HS

Michele Coffman

Digitally signed by Michele Coffman  
Date: 2018.06.08 14:30:22 -04'00'

*Signature*

November 9, 2017

*Date*

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)

[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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Name: Lauren Larsen

Title: Student

Organization: TC Williams HS

Lauren Larsen Digitally signed by Lauren Larsen  
Date: 2018.06.08 12:28:54 -04'00'  
Signature

June 8, 2018  
Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)  
[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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Name: Nicole Larsen

Title: Student

Organization: TC Williams HS

Nicole Larsen Digitally signed by Nicole Larsen  
Date: 2018.06.08 12:26:27 -04'00'  
Signature

June 1, 2018  
Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)  
[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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## GW/ACPS ACADEMY OF HEALTH SCIENCES

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My Signature below certifies my willingness to be an active member on the Planning Committee for the proposed Governor's Health Sciences Academy at T.C. Williams High School described in detail in the accompanying application for this distinguished designation.

Name: Brian Harvie

Title: SMS Battalion Chief

Organization: Alexandria Fire Dept

Brian Harvie  
Signature

2/16/18  
Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)  
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Name: Michael Humphreys

Title: Technical Specialist for Health/Physical Education

Organization: ACPS

[Signature]  
Signature

11/27/17  
Date

[www.acps.k12.va.us/Digital/47](http://www.acps.k12.va.us/Digital/47)

[smith.gwu.edu/strategicpartnerships/ACPS](mailto:smith.gwu.edu/strategicpartnerships/ACPS)



School of Medicine  
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1400 GEORGE WASHINGTON UNIVERSITY



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Name: Jennifer Lay

Title: Science Instructional Specialist

Organization: Alexandria City Public Schools

Jennifer Lay  
Signature

11/13/17  
Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)

[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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Name: Krishna J. Leyva

Title: Family and Community Engagement Manager

Organization: Alexandria City Public Schools

Krishna J. Leyva  
Signature

NOV-14-2017  
Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)

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School of Medicine  
& Health Sciences

THE GEORGE WASHINGTON UNIVERSITY



**GW ACPS ACADEMY OF HEALTH SCIENCES**  
at  
**T.C. WILLIAMS HIGH SCHOOL**

**Planning Committee Certification**  
**Governor's Health Sciences Academy**  
**At T.C. Williams High School**

**Planning Committee Members Agreement**

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Name: Jessie Egan

Title: Assistant Principal

Organization: T.C. Williams High School

Jessie Egan  
Signature

11/1/17  
Date

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at

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Name: Dr. Greg Tardieu

Title: Grants Officer

Organization: Alexandria City Public Schools

Greg Tardieu

Digitally signed by Greg Tardieu  
DN: cn=Greg Tardieu, o=ACPS, ou=Alexandria City Public Schools  
email=greg.tardieu@acps.k12.va.us  
Reason: I am approving the document  
Date: 2017.11.27 14:20:05 -05:00

*Signature*

November 27, 2017

*Date*

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Name: Denee' Scott

Title: Director of Counseling - R.C. Hammond Middle School

Organization: ACPS

Denee' Scott

Signature

11/15/2017

Date

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Name: Greg Forbes

Title: Director of School Counseling  
George Washington Middle School

Organization: Alexandria City Public Schools

Greg Forbes  
Signature

11/14/2017  
Date

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ACPS and ACS strategic partnership ACPS



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## GW/ACPS ACADEMY OF HEALTH SCIENCES

at

T.C. WILLIAMS HIGH SCHOOL

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Name: Teri Capshaw

Title: Communications Director

Organization: Health Sciences, GW SMHS

  
Signature

11/29/2017

Date

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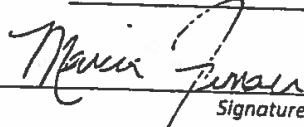
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Name: Marcia Firmani

Title: Interim Chair, Integrated Health Sciences Department

Organization: GW, SMHS

  
Signature

28Nov2017

Date

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Name: Qing Zeng

Title: Director of Biomedical Informatics Center

Organization: GWU

[Signature]  
Signature

11/9/17  
Date

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Name: Jennifer Herzington

Title: Physical Therapist (DPT, OCS)

Organization: Mount Vernon Physical Therapy

  
Signature

22 Feb 2018  
Date

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Name: Megan Cook

Title: Assistant Dean of OTA, Associate Professor

Organization: Northern Virginia Community College

Megan Cook  
Signature

11/17/17  
Date

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[sm.ns.gwu.edu/strategicpartnerships/ACPS](http://sm.ns.gwu.edu/strategicpartnerships/ACPS)



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Name: Cathy H. H. H.

Title: Program Manager Not Health Force

Organization: Northern Virginia Community College

[Signature]  
Signature

11-17-17  
Date

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prior to the anticipated opening date of a proposed Academy.

Name: MARGARET MARTIN

Title: PARENT

Organization: \_\_\_\_\_

  
Signature

2 June 2018  
Date

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prior to the anticipated opening date of a proposed Academy.

Name: Patricia Munson (Patty)

Title: Parent

Organization: T.C. Williams HS

Patricia Munson  
Signature

6/2/18  
Date

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Name: Marie Randall

Title: Parent

Organization: TC Williams

Marie C. Randall  
Signature

6.3.18  
Date

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Name: Josephine Bloodworth, BSN, RN

Title: Program Coordinator for Nurse Aide

Organization: ACPS - T.C. Williams HS

Josephine Bloodworth  
Signature

11/22/17  
Date

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Name: LAURA EVANS

Title: Health and Medical Sciences Instructor

Organization: ACPS - T.C Williams High School

L Evans  
Signature

11/09/17  
Date

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6. Serve as an ambassador of the Governor's Health Sciences Academy at T.C. Williams High School to the local community, business, industry, and government.
7. Participate in three Planning Committee meetings a year for a three year term.

My Signature below certifies my willingness to be an active member on the Planning Committee for the proposed Governor's Health Sciences Academy at T.C. Williams High School described in detail in the accompanying application for this distinguished designation.

Name: Marjorie Franko

Title: Head Athletic Trainer

Organization: T.C. Williams High School

Marjorie Franko  
Signature

11/29/17  
Date

www.acps.k12.va.us/Dmmain/47  
smhs.gwu.edu/strategicpartnerships/ACPS



School of Medicine  
& Health Sciences

THE GEORGE WASHINGTON UNIVERSITY



## GW/ACPS ACADEMY OF HEALTH SCIENCES

at

T.C. WILLIAMS HIGH SCHOOL

Planning Committee Certification  
Governor's Health Sciences Academy  
At T.C. Williams High School

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prior to the anticipated opening date of a proposed Academy.

Name: Cara Martin

Title: Student

Organization: T.C. Williams

Cara Martin

Signature

6/3/18

Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)

[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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prior to the anticipated opening date of a proposed Academy.

Name: Maura Munson

Title: Student

Organization: TC Williams

Maura Munson  
Signature

06/03/2018  
Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)  
[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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prior to the anticipated opening date of a proposed Academy.

Name: Lila Randall

Title: Student

Organization: T.C. Williams

L Randall  
Signature

6/3/18  
Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)

[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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Name: Kathy Taylor

Title: Assistant Principal

Organization: Kathy Taylor

T.C. Williams High School  
Signature

11/17/17  
Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)  
[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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Name: Jennifer Ushe

Title: Biotechnology Teacher

Organization: TC Williams High School

Jennifer Ushe Digitally signed by Jennifer Ushe  
Date: 2018.06.08 12:52:03-04'00'

Signature

6/8/2018

Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)

[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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# GW ACPS ACADEMY OF HEALTH SCIENCES

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Name: Greg Wright

Title: Health + Medical Science Teacher  
T C Williams High School

Organization: Alexandria City Public Schools

Greg Wright  
Signature

11/29/17  
Date

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)

[srnhs.gwu.edu/strategicpartnerships/ACPS](http://srnhs.gwu.edu/strategicpartnerships/ACPS)



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**Appendix I**

**Promotion and Marketing Materials**

**News Release**

**Program Rollout Event**

**FACE Center**

**Transition to High School Event**

# News Release

October 26, 2017

## **ACPS and the George Washington University School of Medicine and Health Sciences Partner to Create an Academy of Health Sciences at T.C. Williams High School**

*New Partnership Offers T.C. Williams Students a Clear Pathway for  
Careers in Medicine and Health Sciences, Building a Strong Health Care Workforce in Virginia*

Alexandria, Va. — Alexandria City Public Schools (ACPS) and the George Washington University (GW) School of Medicine and Health Sciences have established a partnership that creates a Career and Technical Education (CTE) pathway for students interested in careers in medicine and health care. The program will begin to be rolled out in academic year 2018-2019 at T.C. Williams High School, Virginia's largest high school for grades 9 through 12.

According to the World Health Organization, "the world will be short of 12.9 million health care workers by 2035." More specifically, in the D.C. metro region, over the next 10 years there will be an annual shortage of approximately 1,236 health care professionals and a shortage of roughly 776 health care support occupations, according to Labor Insight Jobs and Burning Glass Technologies.

This new partnership between ACPS and GW addresses the workforce shortage in Virginia and across the globe and develops a qualified health care workforce of tomorrow.

"This is a wonderful opportunity for our students to get a head start on college, have access to a great education and to develop a passion for a career field that has a critical need for future employees. The Career and Technical Education program at T.C. Williams provides students with the chance to fully understand the field of study they may pursue and make sound decisions about that career choice before they fully commit to it. We are very excited about this unique public-private partnership opportunity with GW," said Interim ACPS Superintendent Lois F. Berlin.

The strategic educational partnership will establish five new Career and Technical Education pathways within the new GW-ACPS Academy of Health Sciences at T.C. Williams High School. It will start with the launch of a biomedical informatics pathway in fall 2018, followed by four additional pathways—sports medicine, pharmacy, emergency medical services and medical laboratory sciences that will launch over the next four years. GW faculty will work collaboratively with faculty from T.C. Williams to broaden and enrich the offerings for the

students. Currently, T.C. Williams offers a nursing and surgical technology pathway in its Health and Medical Sciences Department.

Through the pathways created by the partnership, T.C. Williams' students can begin earning college credits in their first year of the program, which could be as early as ninth grade. For some, this will significantly reduce the amount of time and money needed to graduate from college and will create various career options upon graduation. The partnership is designed to provide the necessary background education and training for students to choose from the following career paths:

- attain employment immediately after graduation into an entry level medical role in the workforce,
- matriculate into Northern Virginia Community College (NOVA) to attain an associate's degree, or
- transfer into the GW School of Medicine and Health Sciences, through a guaranteed admissions agreement, with college credits towards earning a bachelor's degree. Under the partnership, students who opt to complete their health sciences degree at the GW School of Medicine and Health Sciences will also be eligible for scholarships.

Workforce development in high-demand health care professions is critically important for Virginia. This partnership addresses this priority by bringing cutting-edge health sciences education to students at T.C. Williams to accelerate their paths to health care careers. GW faculty are uniquely prepared to help students explore careers that leverage their talents and strengths. As we designed this program, I have been inspired by the collaborative spirit shared by faculty at ACPS, GW and NOVA. This collaboration was integral to shaping a program that is both student- and community-centered. This private-public partnership is one of the first of its kind and a model for community-led workforce development," said Reamer L. Bushardt, PharmD, PA-C, DFAAPA, professor and senior associate dean for health sciences at the GW School of Medicine and Health Sciences.

In academic year 2017-2018, staff and faculty from ACPS and GW will build courses within the curriculum pathways. Beginning in fall 2018, the academy will start with a cohort of 100-150 students. After students complete the freshman "Introduction to Health and Medical Sciences" course, students will select one of the seven pathways to complete. With the graduation of the first cohort of students through the Academy of Health Sciences, GW and ACPS will begin collecting outcomes to assess the impact of the program to the local, regional, and national workforce as well as the progression of students to NOVA and GW.

For more information about the ACPS/GW School of Medicine and Health Sciences Partnership, visit: [www.acps.k12.va.us/CTE](http://www.acps.k12.va.us/CTE)

**- END -**

## GW/ACPS ACADEMY OF HEALTH SCIENCES

at  
T.C. WILLIAMS HIGH SCHOOL

Academy Rollout  
Thursday, November 9, 2017  
GW Alexandria Center – 413 John Carlyle Street  
Alexandria, VA 22314

8am – 10am

### Agenda

- |       |   |                                |
|-------|---|--------------------------------|
| I.    | Welcome & Introductions                                 | David Baker                    |
| II.   | GW Alexandria Overview                                  | David Baker                    |
| III.  | GW School of Medicine & Health Sciences<br>Introduction | Dr. Reamer Bushardt            |
| IV.   | Alexandria City Public Schools Introduction             | Dr. Terri Mozingo              |
| V.    | T.C. Williams High School Overview                      | Principal Peter Balas          |
| VI.   | Academy of Health Sciences - Goals                      | Sherri Chapman/Dr. Linda Zanin |
| VII.  | Academy Keys to Success                                 |                                |
|       | a. Access   | Sherri Chapman/Dr. Linda Zanin |
|       | b. Finances   | Dr. Reamer Bushardt            |
|       | c. Ensuring Program Quality                             | Dr. Catherine Golden           |
|       | d. Transferability of Credit                            | Dr. Catherine Golden           |
| VIII. | Questions & Comments                                    | All                            |
| IX.   | Next Steps  | Sherri Chapman/Dr. Linda Zanin |
| X.    | Conclusion  |                                |

[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)  
[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



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GW/ACPS ACADEMY OF HEALTHSCIENCES  
*at*  
T.C. WILLIAMS HIGH SCHOOL



## **Alexandria City Public Schools and the George Washington University School of Medicine and Health Sciences to Create an Academy of Health Sciences at T.C. Williams High School**

T.C. Williams High School students have the opportunity to start a career pathway in health care and earn college credits thanks to a new strategic partnership between Alexandria City Public Schools (ACPS) and the George Washington University (GW) School of Medicine and Health Care Sciences (SMHS).

The GW/ACPS Academy of Health Sciences, which opens in fall 2018, expands student offerings to seven career and technical education tracks: biomedical informatics, medical laboratory sciences, sports medicine, pharmacy, emergency medical services, nursing, and surgical technology.

The partnership will create state-of-the-art training for high demand health professional careers. Jobs in health care are projected to grow 18 percent through 2026, adding about 2.3 million new positions nationwide -- more than any other occupational group, according to the Bureau of Labor Statistics.



Students enrolled at the GW/ACPS academy can earn more than 20 college credits from GW SMHS, starting in the ninth grade. This approach can significantly reduce the amount of time and money needed to graduate from college and lead to careers that are critically needed in the region.

The academy will provide education and training for students to pursue the following options:



**Lois F. Berlin, EdD**  
*Superintendent, Alexandria City Public Schools*

A 40-year veteran educator, Dr. Berlin has extensive experience in fiscal management, strategic planning, policy development, program development, curriculum and instruction, professional development, special education and facilities planning and construction.

She comes to ACPS after a six-year retirement from the position of Superintendent of Falls Church City Public Schools (FCCPS) where she served for seven years. Prior to joining FCCPS, Dr. Berlin spent 24 years in Alexandria City Public Schools as a teacher, assistant principal (Cora Kelly), principal (Jefferson-Houston and George Mason) and associate superintendent for Curriculum and Instruction.

Her career includes five years teaching in Aberdeen, Scotland in a residential setting at the Rudolph Steiner School for Special Needs Children. Since retirement, Dr. Berlin has coached principals in Fairfax County Public Schools and the District of Columbia Public Schools. She has also served executive director of the Washington Area School Study Council (WASSC), whose membership includes superintendents from Virginia, Maryland and the District of Columbia.

In addition to working in public schools as a teacher and administrator, Dr. Berlin has held adjunct faculty positions at The George Washington University and Virginia Tech. She is co-author of "Sexuality and the Schools: Handling the Critical Issues," which provides guidance to school personnel on the handling of harassment and bullying.

Her numerous awards and recognitions include the Alexandria Chamber of Commerce Award for Excellence in Education, the Washington Post Distinguished Educational Leadership Award, the Phi Delta Kappa Key Award, and the highest award presented by the Education Law Association, the McGhehey Award.

Dr. Berlin holds a bachelor's degree in sociology from Virginia Tech, a master's degree in early childhood/special education from The George Washington University, and a doctorate degree in education with a concentration in educational administration and leadership from Virginia Tech.

- Attain employment immediately after high school graduation in entry-level health care services careers;
- Matriculate into Northern Virginia Community College (NOVA) to attain an associate's degree;
- Transfer into the GW SMHS through a guaranteed admissions agreement with college credits toward earning a bachelor's degree or can take their GW transcript credit to another school. Under the partnership, students who opt to complete their health sciences degree or enroll in professional programs at GW SMHS will be eligible for scholarships.

Faculty and staff from ACPS and GW are at work building courses within the curriculum pathways. GW faculty are collaborating with T.C. Williams' faculty to broaden and enrich academy offerings. T.C. Williams, the largest four-year high school in Virginia, currently offers nursing and surgical technology pathways in its Health and Medical Sciences Department, so academy students can focus their study in those fields in addition to five new tracks.

The first academy class will start in the fall of 2018 with students in the class of 2022. The application will be available online in early February 2018 and will include a statement of interest, transcript, and three recommendations. Applications will be due April 1, 2018, and the first class of up to 150 students will be notified by June 2018.

After students complete the freshman "Introduction to Health and Medical Sciences" course, they will choose one of the seven career pathways to complete.

Upon graduation of the first cohort of students, GW and ACPS will begin collecting data to assess the program's impact on the local, regional, and national workforce, as well as the progression of students to NOVA and GW.



**Terri Mazingo, EdD**

*Chief Academic Officer, Alexandria City Public Schools*

Alexandria City Public Schools Superintendent Alvin L. Crawley is pleased to announce the appointment of Terri H. Mazingo as chief academic officer. Mazingo most recently served as assistant superintendent, research and accountability, for the Durham Public School District in Durham, North Carolina, where she has worked since 2004.

"We welcome Dr. Mazingo's rich leadership skills and proven knowledge regarding so many crucial education topics, from strategic plan design and implementation to school improvement initiatives," Dr. Crawley said.

Mazingo said the division-wide commitment to ensuring that every student achieves academic success drew her to ACPS. She also views strong community support as a positive in helping the division meet its commitment to become a high-performing school division.

"I am honored to have the opportunity to join ACPS and to build upon the current work that has been done," Mazingo said. "I pledge to listen, learn, lead and roll up my sleeves and work so that every student achieves success!"

Mazingo earned a Doctor of Education in Educational Leadership from the University of North Carolina at Chapel Hill, a Master of Education in Curriculum and Instruction from North Carolina State University and a Bachelor of Science from Fayetteville State University. Prior to her most recent position with the Durham Public School District, Mazingo served as the division's area superintendent for middle school curriculum, instruction and school improvement, Academic Services; and chief academic officer, associate superintendent and assistant superintendent for secondary curriculum and instruction for the Instructional Services Division.

Her honors include the 2013 North Carolina Middle School Association's Central Region Central Office Administrator to Watch recognition and 2009 North Carolina Association of Educators Excellence in Equity Award. Mazingo, who will join ACPS Friday, Aug. 1, replaces Gwen Carol Holmes, who left ACPS to serve as superintendent for the Blaine County School District in Hailey, Idaho.

## T.C. Williams High School



T.C. Williams, named after a former superintendent of schools who served from the mid-1930s until the mid-1960s, opened in 1965. In 2007, a new state-of the-art, environmentally green school opened its doors at the present site. T.C. is a well-respected, comprehensive high school with a current enrollment of approximately 3,600 students in grades 9–12 in the 2016-17 school year.

Two campuses comprise T.C. Williams. The Minnie Howard Campus is home to ninth grade students, who participate in daily classes, sports, and extracurricular activities on the King Street Campus. The King Street Campus is home to students in grades 10 through 12.



The school draws from a population that is economically, racially, and ethnically diverse. As a cross-representation of American society, our diversity blends into a rich, heterogeneous student body. Students come from 80 countries and speak more than 60 languages. T.C. Williams boasts among the lowest counselor-to-student ratios nationally, to guide student-led development of individualized career and academic plans as well as a comprehensive school counseling program addressing the social/emotional needs of all students.

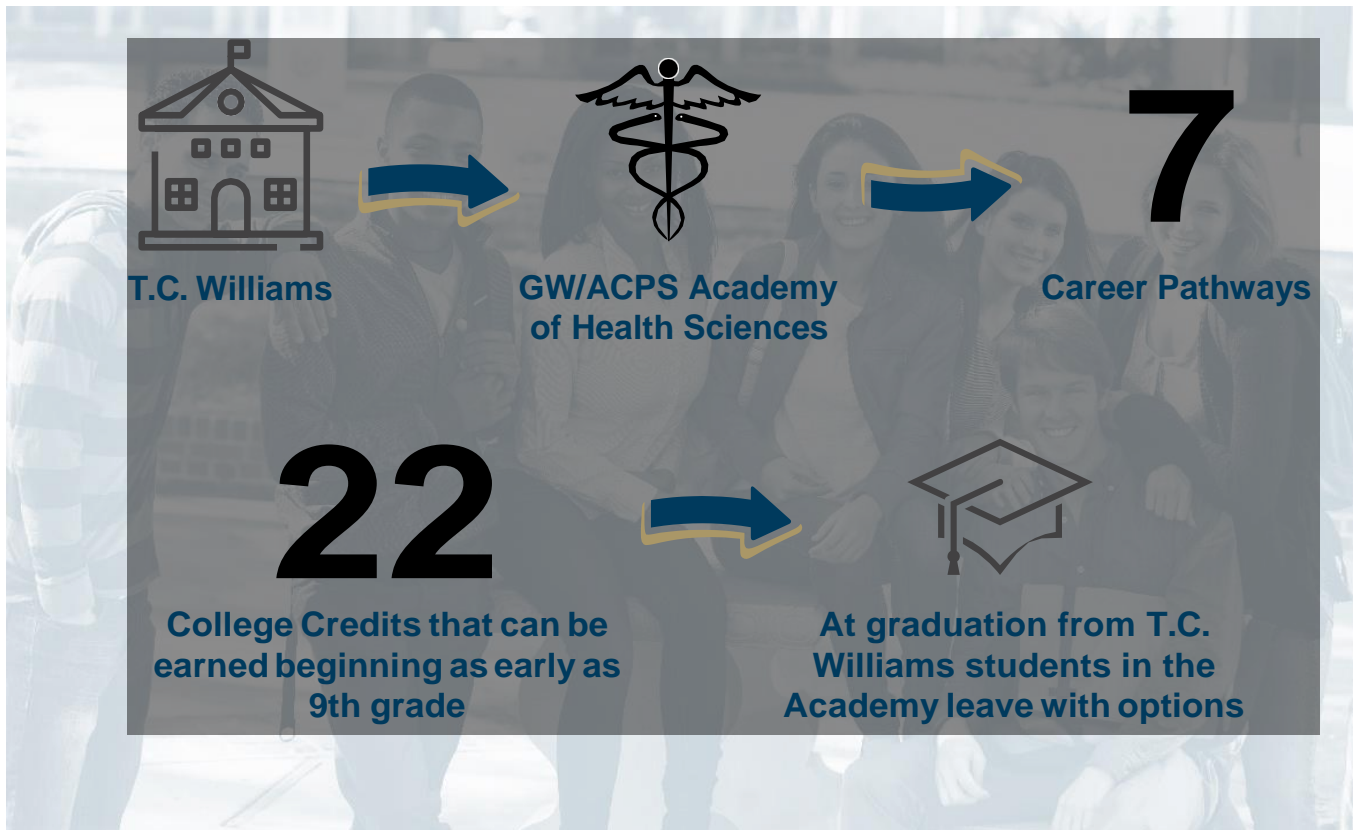




## **Career Pathways in the Academy of Health Sciences at T. C. Williams High School**



<b>Pathway Options</b>	<b>Year I Grade 9</b>	<b>Year II Grade 10</b>	<b>Year III Grade 11</b>	<b>Year IV Grade 12</b>	<b>This can lead to a...</b>	<b>VDOE Career Pathway</b>
<b>Surgical</b>	Intro to Health & Medical Sciences	Medical Terminology with Anatomy & Physiology	Sterile Processing	Surgical Technology	Industry Certification -or- Surgical Technology A.A.S. -or- Health Sciences B.S.	<b>Therapeutic</b>
<b>Nursing</b>	Intro to Health & Medical Sciences	Medical Terminology with Anatomy & Physiology	Nutrition	Certified Nurse Aide	Industry Certification -or- Nursing A.A.S. -or- Health Sciences B.S.	<b>Therapeutic</b>
<b>Biomedical Informatics</b>	Intro to Health & Medical Sciences	Biotechnology Foundations	Health Informatics I	Health Informatics II	Industry Certification -or- Health Information Management A.A.S. -or- Biomedical Informatics B.S.	<b>Health Informatics</b>
<b>Sports Medicine</b>	Intro to Health & Medical Sciences	Medical Terminology with Anatomy & Physiology	Sports Medicine I	Sports Medicine II	Industry Certification -or- Physical Therapy, A.A.S. -or- Health Sciences B.S.	<b>Diagnostics</b>
<b>Emergency Medical Services</b>	Intro to Health & Medical Sciences	Emergency Medical Technician I	Emergency Medical Technician II	Emergency Medical Technician III	Industry Certification -or- Emergency Medical Services A.A.S. -or- Emergency Medical Services B.S.	<b>Therapeutic</b>
<b>Pharmacy</b>	Intro to Health & Medical Sciences	Medical Terminology with Anatomy & Physiology	Pharmacy Studies I	Pharmacy Studies II	Industry Certification -or- Associates of Science -or- Health Sciences B.S.	<b>Support Services</b>
<b>Medical Laboratory Science</b>	Intro to Health & Medical Sciences	Medical Terminology with Anatomy & Physiology	Medical Laboratory Technology I	Medical Laboratory Technology II	Industry Certification -or- Medical Laboratory Tech A.A.S. -or- Medical Laboratory Sciences B.S.	<b>Biotechnology Research &amp; Development</b>

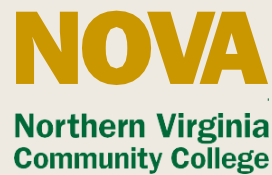


**Option 1**



Students leave high school with enough training to enter the workforce

**Option 2**



Students can pursue an associate's degree

**Option 3**



Students earn guaranteed admission into GW SMHS or can take their GW transcript to another school.

## **The George Washington University School of Medicine and Health Sciences**

### **GW SMHS Health Sciences Programs**

The GW SMHS Health Sciences is a vibrant unit within the George Washington University (GW) School of Medicine and Health Sciences (SMHS). As the training ground for the nation's next generation of experts in health care quality, regulatory affairs, physical therapy, clinical and disaster relief operations, physician assistant studies, and many other professions, GW SMHS Health Sciences prioritizes the creation of a highly qualified workforce of tomorrow.

Our programs integrate modern digital technologies with time-honored academic traditions to



provide students with the foundation necessary to become the industry leaders of tomorrow.

Classroom, online, and blended learning instruction and practical experience are the cornerstones of the GW SMHS Health Sciences programs. Our dynamic programs incorporate the most progressive theories and equipment into the curricula and readily adapt to the changing needs of the industry.

Our students train in some of the most advanced learning environments available. The SMHS Clinical Learning and Simulation Skills (CLASS) Center in Ross Hall enables our students to practice critical care skills and procedures on human-patient simulators, and teach and evaluate clinical skills through standardized patient interactions. On the university's main campus in the Foggy Bottom neighborhood of Northwest Washington, D.C., there are two expansive physical therapy lab spaces equipped with a state-of-the-art Patient Movement System, as well as two lecture halls, a student lounge, and conference and breakout rooms.



**Reamer Bushardt, PharmD, PA-C, DFAAPA**  
*Senior Associate Dean for Health Sciences*

Reamer L. Bushardt, PharmD, PA-C, DFAAPA, is the senior associate dean for health sciences and professor of physician assistant studies at SMHS. He oversees the wide array of health sciences research and academic programs at GW's main campus in Foggy Bottom and the university's Virginia Science and Technology Campus in Ashburn, Virginia.

In his administrative roles, Dean Bushardt nurtures an environment of academic excellence dedicated to interprofessionalism and collaborative practice, patient safety and quality outcomes, clinical practice innovation, medical informatics research, and translational science. He is an active teacher and researcher, with grants from leading scientific organizations such as the National Institutes of Health, in the area of clinical and translational science.

Dean Bushardt began his health care career as a pharmacist, and then trained as a physician assistant. He fused these disciplines in his primary care practice to focus on vulnerable populations, including older adults with complex medication regimens and patients in medically underserved and rural communities.

He regularly presents at national and international conferences on evidence-based practice and models he has developed to identify and manage potentially inappropriate drug therapies.

Dean Bushardt has published extensively on medical and health care professional education, leadership development, medication safety, and practice models that leverage interprofessional and collaborative practice. He serves as editor-in-chief of the Journal of the American Academy of Physician Assistants, an international peer-reviewed clinical journal published by Wolters Kluwer Health.



GW's Virginia Science and Technology Campus in Ashburn, Virginia, which has housed universi-

ty research institutes and specialized academic programs since 1991, is home to the Department of Integrated Health Sciences and more than 7,000 square feet of laboratory, classroom, and support space.

Our expert faculty is composed of leading academicians who are shaping the future of health sciences curricula and current practitioners at the forefront of their fields, ensuring a balanced blend of theory and practice. This way, students not only learn important concepts, but they also see them in action through real-life, practical case examples.

### GW SMHS Medicine Programs

Founded In 1824, the GW School of Medicine and Health Sciences (SMHS) has been at the forefront of medical education in the United States. It was the first medical school established in Washington, D.C., and the 11th institution nationally. With dozens of top-tier residency programs, SMHS is a competitive and highly-regarded destination for medicine and health sciences students from around the globe.

Among the nation's most selective schools, SMHS has built a distinguished reputation for excellence and innovation in medicine and health sciences. SMHS also has a deep commitment to improving the health and well-being of local, national, and global communities through

its innovative curriculum and diverse programs. SMHS is dedicated to healing through compassionate care; advancing biomedical, translational, and health services delivery research; and promoting a culture of excellence through inclusion, service, and advocacy.



#### Jeffrey S. Akman, MD

*Vice President for Health Affairs, Walter A. Bloedorn Professor of Administrative Medicine, and Dean, School of Medicine and Health Sciences*

Jeffrey S. Akman, M.D., was named the Vice President for Health Affairs and the Dean of the School of Medicine and Health Sciences in 2013 after serving in an interim capacity since 2010.

As dean, he leads the 11th oldest medical school in the United States and the oldest in the Nation's Capital — an institution that is widely recognized for its commitment to biomedical research, for excellence and innovation in medical and health sciences education, and for its commitment to improving the health and well-being of our local, national, and global communities.

In his capacity as the VPHA, he serves on GW President Thomas J. LeBlanc's Leadership Council and as a liaison between the university and its clinical partners, including the GW Medical Faculty Associates, the GW Hospital, and the Children's National Health System.

Dr. Akman is one of a handful of psychiatrists who defined and developed the field of HIV/AIDS psychiatry. Most recently he served on President Obama's Presidential Advisory Council on HIV/AIDS

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[www.acps.k12.va.us/Domain/47](http://www.acps.k12.va.us/Domain/47)

[smhs.gwu.edu/strategicpartnerships/ACPS](http://smhs.gwu.edu/strategicpartnerships/ACPS)



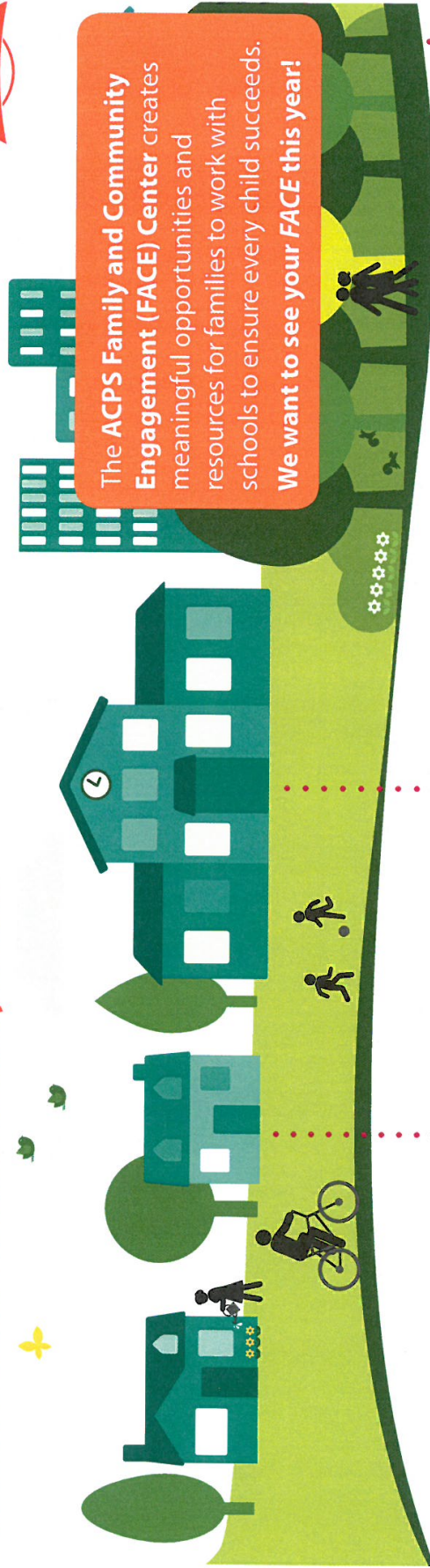
School of Medicine  
& Health Sciences  
THE GEORGE WASHINGTON UNIVERSITY





# ACPS Family and Community Engagement (FACE) Center

## We Want to See Your FACE Everywhere!



The ACPS Family and Community Engagement (FACE) Center creates meaningful opportunities and resources for families to work with schools to ensure every child succeeds. We want to see your **FACE** this year!

### At Home .....

Call the FACE Center's **Parent Information Lines** with questions or to register for a workshop.

Access hundreds of parenting tips in our online **Family Toolkit** at [www.acps.k12.va.us/face](http://www.acps.k12.va.us/face).

Sign up for **FACE Center eNews** and text message alerts about family workshops that are linked to learning like **Math Academy** and **Literacy Night**.

### At School .....

Connect with the **Parent Liaison** to identify school or community resources that support your child's learning.

Attend monthly **Parent Coffees** with the principal and other school leaders.

**Volunteer** – as a chaperone on a field trip or as a helping hand in the cafeteria, library, or after-school clubs.

### In Our Community .....

Join a FACE Center **Parent Support Group** to share daily parenting triumphs and learn new ways to deal with frustrations.

Bring the entire family to interactive FACE Center educational events like **Night of Science**.

Participate in FACE Center skills-building classes like **Basic Computer Training** or **English for Parents**.

Questions?

Call Our Parent Information Lines!

English/Español  
703-619-8055

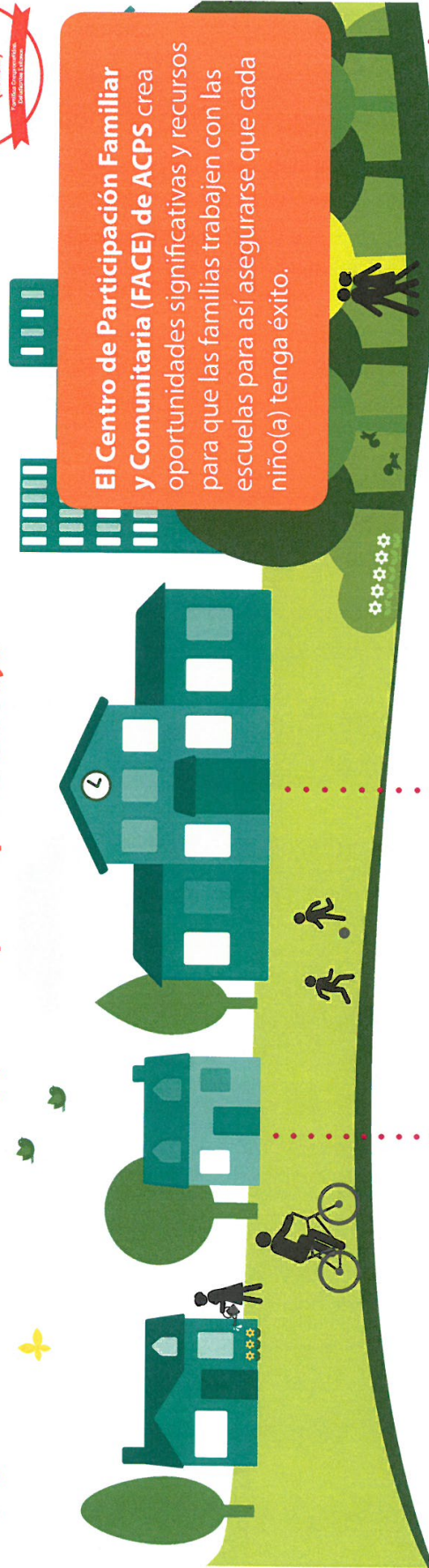
العربية  
703-927-6866

العربية  
703-927-7095



# Centro de Participación Familiar y Comunitaria (FACE) de ACPS

Apoye la educación de su niño(a) dondequiera que usted vaya



El Centro de Participación Familiar y Comunitaria (FACE) de ACPS crea oportunidades significativas y recursos para que las familias trabajen con las escuelas para así asegurarse que cada niño(a) tenga éxito.

## En el Hogar .....

Para **Línea de Información Para Padres**, inscripciones, talleres o preguntas llame al Centro FACE.

Acceda cientos de consejos bilingües de **Herramientas para Familias** en línea aquí: [www.acps.k12.va.us/face](http://www.acps.k12.va.us/face).

Para recibir noticias (**eNews**) del **Centro FACE** y mensajes de texto sobre talleres de aprendizaje de Matemáticas y Noche de Lectura.

## En la Escuela..

Conéctese con nuestro personal **Enlaces con los Padres** (Parent Liaisons) para recibir ayuda en las escuelas o recursos comunitarios para apoyar a su hijo en su aprendizaje.

Asista a reuniones mensuales "**Café de Padres**" con el director y otros líderes escolares.

**Voluntarios** – Puedes servir como chaperones durante un paseo o como miembro de un comité escolar o nivel de distrito.

## En Nuestra Comunidad.....

Únase a un **Grupo de Apoyo de Padres en Español** para que comparta los triunfos y aprenda maneras como lidiar con las frustraciones del día a día con sus hijos(as).

Traiga a su familia a eventos interactivos y educativos del **FACE** como el de la **Noche de Ciencias**.

Participe en los programas de **FACE** como **Cursos Básico de Computación** o **Clases de Inglés para Padres**.

¿Necesita ayuda?

llame a nuestras Líneas de información para padres!

English/Español  
703-619-8055

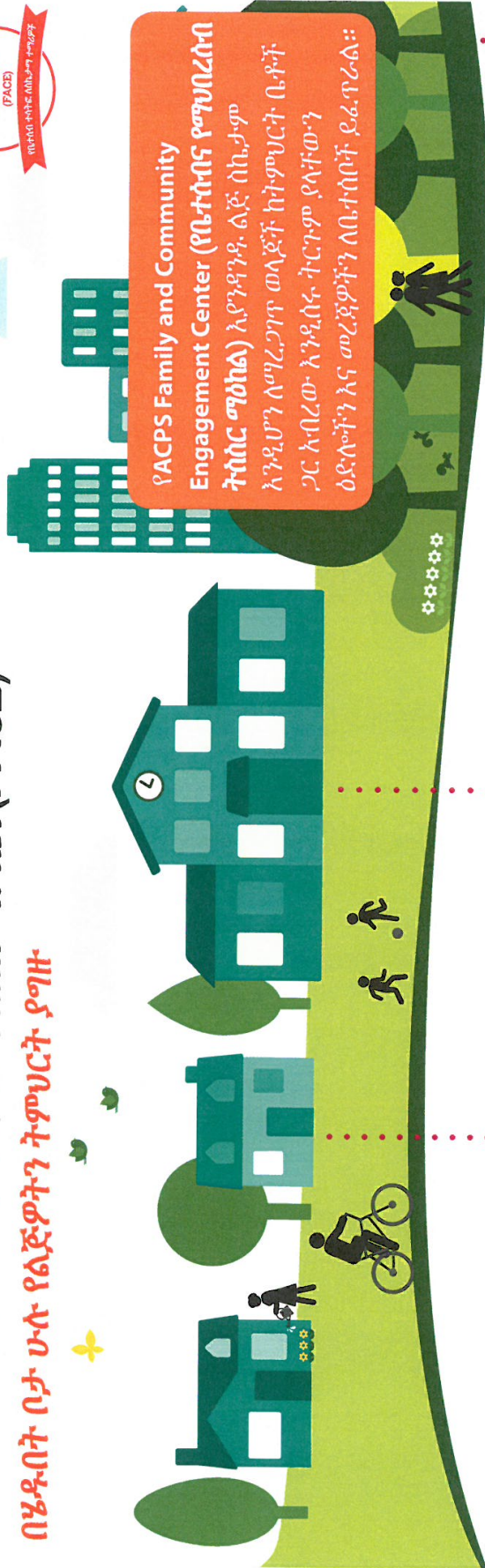
العربية  
703-927-6866

العربية  
703-927-7095




# ACPS የቤተሰብና የማህበረሰብ ትስስር ማዕከል (FACE)


## በሄዱበት ቦታ ሁሉ የልጆቻችን ትምህርት ያግዙ




**የACPS Family and Community Engagement Center (የቤተሰብና የማህበረሰብ ትስስር ማዕከል)** እያንዳንዱ ልጅ ስኬታም እንዲሆን ለማረጋገጥ ወላጆች ከትምህርት ቤቶች ጋር አብረው እንዲሰሩ ትርጉም ያላቸውን ዕድሎችን እና መረጃዎችን ለቤተሰቦች ይፈጥራል።


### ቦቤት .....


 ጥያቄዎች ካለዎት ወይም በጥናታዊ ስብሰባ ላይ ለመገኘት እንዲችሉ ለመመዝገብ የወላጅ መረጃ መስመሮች ላይ ይደውሉ።


 በኢንተርኔት ቀጥታ መስመራችን በFamily Toolkit: [www.acps.k12.va.us/FACE](http://www.acps.k12.va.us/FACE) ላይ በመቶዎች የሚቆጠሩ ለልጆች አስተዳደግ ጠቃሚ የሆኑ ሀሳቦችን ያግኙ።

 **ለኢሌክትሮኒክስ ዜናዎቻችን** እና ስለ ቤተሰብ የጥናታዊ ስብሰባዎች እንደ **Math Academy** እና **Literacy Night** ጋር ለተያያዙት ጉዳዮች በስልክ የጽሑፍ መልእክት ማስታወሻ (ቴክስት) ለማግኘት ይመዘገቡ።


### በትምህርት ቤት .....


 በትምህርት ቤት ወይም በማኅበረሰቡ ውስጥ የሚገኙትን የልጅዎን ትምህርት ለመርዳት የሚያገለግሉ ምንጮችን ለማግኘት ከወላጅ አጥኝ ሰራተኞች ጋር ይገናኙ።


 ከርዕስ መምህሩ እና ከሌሎች የትምህርት ቤት መሪዎች ጋር በሚደረገው የወላጅ ወርሃዊ የቡና መጠጣት ጊዜ ላይ ይሳተፉ።

 **በንፊቃደኛ** – ተማሪዎችን በመስክ ጉዞ ላይ ማጀገብ ወይም በካፌቴሪያ፣ ቤተ መጽሐፍት፣ ወይም ከትምህርት በኋላ ባሉት ክለቦች ውስጥ እርዳታ መስጠት።

### በማኅበረሰቦች ውስጥ .....

 እንዲያው የወላጅ አጋዥ ቡድን በመቀላቀል ውጤታማ የልጅ አስተዳደግን ይጋሩ እንዲሁም ተስፋ አስቆራጭ ሁኔታዎችን በምን መልኩ መፍታት ወይም መመልከት እንዳለባዎ አዳዲስ መንገዶችን ይማሩ።

 መጡ ቤተሰብዎን በአሳታፊ እና ትምህርታዊ ዝግጅቶቻችን ማለትም እንደ **የሳይንስ ምሽት/Night of Science** ላይ ያምጡ።

 የክህሎቶች ግንባታ ትምህርቶች – እንደ **መስረታዊ የካምፒውተር ሥልጠና** ወይም ለወላጆች እንግሊዝኛ ትምህርት ክፍሎች ላይ ይሳተፉ።

**ጥያቄዎች?**  
ለወላጆች የመረጃ መስመሪያ

**English/Español**  
**703-619-8055**

**አማርኛ**  
**703-927-6866**

**العربية**  
**703-927-7095**



# مركز المشاركة الأسرية والمجتمعية ACPS إدعم تعليم أولادك في كل مكان تذهب إليه



يخلق مركز المشاركة الأسرية والمجتمعية فرصاً قيمة ومصادر للأهالي من أجل ضمان نجاح كل طفل.  
ونحن نرغب بروية وجهك هذا العام!

## في المنزل



اتصل بخط المعلومات بمركز المشاركة الأسرية والمجتمعية إذا كان لديك أي سؤال أو للتسجيل لأي ورشة عمل.



توصل لمنات من النصائح عبر موقع البريد الإلكتروني والمدرجة تحت "أصوات الأسرة"، وبلغتك التي تتحدث بها.  
[www.acps.k12.va.us/face](http://www.acps.k12.va.us/face)



اشترك بمركز المشاركة الأسرية والمجتمعية للحصول على معلومات بالبريد الإلكتروني ورسالة نصية عبر الهاتف حول ورش العمل وخصوصاً تلك المتعلقة بتعليم الرياضيات ولبلة القراءة والنشاطات الأخرى.

## في المدرسة



اتصل مع مسؤول العلاقات بالأهالي لتتعرف على المصادر المتوفرة لدعم تعليم أولادك.



إحضر اللقاء الشهري لتناول القهوة مع مسؤول/مسؤولة المدرسة أو الكدر القيادي في المدرسة.



تطوع - كمراقب مع الطلاب بالرحلات المدرسية، مساعد خلال النشاطات المنعقدة بعد المدرسة في الكافيتريا أو مكتبة المدرسة أو عضو لجنة بأي مجموعة على مستوى مجلس المدارس.

## في مجتمعنا



انضم لجماعة دعم الأهالي بمركز المشاركة الأسرية والمجتمعية لتبادل الإنجازات اليومية التي يحققها الآباء والأمهات لتتعلم طرق جديدة للتعامل مع الإحباطات.



إحضر جميع العائلة لتتفاعل مع مركز المشاركة الأسرية والمجتمعية لحضور اللقاءات التعليمية والأمسيات الثقافية مثل ليلة العلوم.



شارك بالإضمام للصفوف المنضمة مع مركز المشاركة الأسرية والمجتمعية مثل تعليم أساسيات الكمبيوتر أو اللغة الإنجليزية.

هل تحتاج إلى مساعدة؟  
اتصل على خطوط المعلومات  
لأولياء الأمور!

English/Español  
703-619-8055

العربية  
703-927-6866

العربية  
703-927-6866



**Parents, have questions?  
Give us a call.**

**703-619-8055**

parent information line  
acps family and community engagement center



**¿Padres, tienen  
alguna pregunta?  
Llámenos.**

**703-619-8055**  
línea de información  
para los padres

ወላጆች፣

ጥያቄ አላችሁ ወይ?

ሰላሳ ይጻፉን!

**703-927-6866**

የሰላሳ መረጃ መስመር

الوالدي، لديكم أسئلة  
أو نأتمنى صواب

**703-927-7095**

لأهلنا في المعلومات خط

The ACPs Family and Community Engagement Center  
**Parent Information Line** is a go-to reference that connects families to practical information in their home language and the school and community resources they need. Need help? Give us a call.

**La Línea de Información** del Centro de Participación Familiar y Comunitaria de ACPs es una línea telefónica que conecta a las familias con información en Español y recursos escolares y comunitarios necesarios. ¿Necesita ayuda? Llámenos.

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مديّة إندما رس والمجّ تعمّية إلى سرية المشاركة مركز لألهالي المعة لومات خط  
وطرية موعة لة تربط الهالي بالمعة لومات التي ي تأثر فيها إلا إة الك ساند ربا  
مساعدة التي تأجر العربيه



Family and Community Engagement Center  
1340 Braddock Place, 5th Floor  
Alexandria, VA 22314  
**Address Service Requested**

Non-Profit Org.  
U.S. Postage  
**PAID**  
Alexandria, VA  
Permit No. 142

**Noche de Planear la Transición a la Escuela Secundaria  
para familias de 8° grado**

- Qué clases las universidades quieren que tu tomes en el 9<sup>no</sup> grado
- Recursos de planificación para la universidad en T.C.
- Cómo manejar las diferencias entre la escuela intermedia y la escuela secundaria
- NUEVO** •Academia de Ciencias de la Salud en T.C.

**MIÉRCOLES, 24 DE ENERO  
6PM—8PM**

MINNIE HOWARD  
3801 W. BRADDOCK ROAD

*La inscripción incluye una cena de pizza, cuidado de niños  
(3 a 10 años), e interpretación.*

**Por favor regístrese para el evento en  
[www.acps.k12.va.us/face](http://www.acps.k12.va.us/face) or 703-619-8055.**



Family and Community Engagement Center  
1340 Braddock Place, 5th Floor  
Alexandria, VA 22314  
**Address Service Requested**

Non-Profit Org.  
U.S. Postage  
**PAID**  
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PARA FAMILIAS DE 8° GRADO

# ESCUELA SECUNDARIA

# Y LA UNIVERSIDAD

Noche de  
Planear la Transición  
a la Escuela  
Secundaria



¡Es hora de planificar y prepararse para

School of Medicine  
& Health Sciences

THE GEORGE WASHINGTON UNIVERSITY



School of Medicine  
& Health Sciences

THE GEORGE WASHINGTON UNIVERSITY



¡Es hora de planificar y prepararse para



## **Appendix J**

# **Application Instructions, Application and Scoring Rubric**

# Academy of Health Sciences at T. C. Williams High



## Application Instructions

The application is located online at the Academy website

(<https://www.acps.k12.va.us/Page/2101>).

The application will open February 7, 2018 and must be submitted by **April 1, 2018**. No late applications will be accepted. Students will be notified by early June, 2018 if they have been accepted into the program.

If accepted to the program, students are expected to attend a Summer Bridge Program July 9-20. Three sessions will be offered each day: 9:00 am-12:00pm; 1:00pm-4:00pm; or 5:00pm-8:00pm.

Student must have a cumulative GPA of 2.5, not rounded, at the time of the application and must be up to date with any required SOL testing. Students not attending ACPS schools must provide this documentation in addition to the application.

### The application consists of three parts:

**Part I: Student Application:** This part is basic demographic information, such as name, address, parent/guardian information, school attending, and names and contact information for the references.

**Part II: Letters of Recommendation:** These will be completed by your current Math & Science teachers as well as one other person of the student's choice.

**Part III: Student Personal Statement:** This section has three questions where students can share how being a member of the academy will benefit them and their long term educational & career goals.

### Suggestions for completing the application:

- Start early and take your time. Preference will not be given for submitting early.
- Ask for recommendations early so teachers have time to write the best possible recommendation.
- Give the teacher or other references a resume or information they may not know about you to help them write a more detailed recommendation.
- Write, review and edit your Personal Statement. Have your teachers, counselors or others review them so they present you in the best light. But who you really are not who you think the committee wants you to be.
- Attend any after school application workshops offered at your school.

## Application Part I Form 2018 Rising 9th Graders

This is the first form you need to fill out when applying to T.C. William's High School Health and Medical Sciences Academy. Only fill out this form once. Students must meet the minimum G.P.A. requirement of 2.5 to apply.

WE WILL NOT BE ACCEPTING ANY APPLICATIONS AFTER APRIL 1st, 2018 OR ANY APPLICATION THAT IS INCOMPLETE.

\* Required

\* Required

1. **Email address \***

---

**GW/ACPS ACADEMY OF HEALTH SCIENCES**

**at**

**T.C. WILLIAMS HIGH SCHOOL**

### A Note: About Recommendations

This part of the application will ask you for teacher recommendations. It is thoughtful and courteous for you to ask your teachers for their recommendations before filling out this form. At the same time you can ask for the teacher's e-mail.

If the teacher you want to write a recommendation has left your school, contact your school's administration for that teacher's email information.

### Tell Us About Yourself:

2. **Last Name: \***

---

3. **First Name: \***

---

4. **Middle Name:**

---

5. **Nickname (The name you liked to be called in class)**

---

**6. Gender***Mark only one oval.*

- ☐ Female  
☐ Male  
☐ Prefer not to say

**7. Ethnicity***Mark only one oval.*

- ☐ American Indian or Alaska Native  
☐ Asian, Asian American or Pacific Islander  
☐ Black or African American  
☐ Puerto Rican  
☐ Other Hispanic, Latino, or Latin America  
☐ White  
☐ Other: \_\_\_\_\_

**8. Which math class are you taking or have you taken during your 8th grade year?***Mark only one oval.*

- ☐ Pre-Algebra (8th grade math)  
☐ Algebra 1  
☐ Geometry  
☐ Algebra 2

**9. Home Address: (Street) \***

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**10. Home Address: (City) \***

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**11. Home Address: (State) \***

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**12. Home Address: (Zip code) \***

---

**13. Current School \****Mark only one oval.*

- ☐ Francis C. Hammond Middle School
- ☐ George Washington Middle School
- ☐ Jefferson-Houston Pre K-8
- ☐ Other: \_\_\_\_\_

**14. Name of Current School Counselor \***

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**15. Student ACPS e-mail address: \***

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**16. ACPS Student I.D. #: \***

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**Parent/Guardian Information****17. Mother/Guardian's Name**

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**18. Mother/Guardian's Work Phone**

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**19. Mother/Guardian's Cell or Home Phone**

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**20. Mother/Guardian's Email**

---

**21. Father/Gaurdian's Name**

---

**22. Father/Guardian's Work Phone**

---

**23. Father/Guardian's Cell or Home Phone**

---

24.

**Father/Gaurdian's Email**

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**Recommendations**

It is considered courteous to ask the person doing the recommendation if they are willing to write a recommendation. It is important to ask as soon as possible. If you wait too long, he or she may not have the time to devote to their responses. We request that at least one recommendation be provided by a current teacher. The remaining recommendations may come from anytime during Middle School.

25.

**Middle School Science Teacher (1st Recommendation) \***

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26.

**Science Teacher's Email \***

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27.

**Middle School Math Teacher (2nd Recommendation) \***

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28.

**Math Teacher's Email \***

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29.

**Coach, Counselor, Teacher, or Your choice (3rd Recommendation) \***

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30.

**Other Individual's Email Address \***

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**Additional Information**

31. If you are selected into the Academy of Health Sciences there is a mandatory summer bridge program. The dates for the program are July 9th- July 20th. Please let us know which session time you would prefer to attend: \*

Mark only one oval.

- ☐ Morning session (9:00 a.m.-12 noon)
- ☐ Afternoon session (1:00 p.m.-4:00 p.m.)
- ☐ Evening session (5:00 p.m.-8:00 p.m.)
- ☐ I have a conflict and cannot attend summer bridge during the dates above.
- ☐ Other: \_\_\_\_\_

32. There are seven pathways within the Academy of Health Sciences. Which pathway are you most interested in? \*

Mark only one oval.

- ☐ Surgical Pathway
- ☐ Nursing Pathway
- ☐ Biomedical Informatics Pathway
- ☐ Sports Medicine Pathway
- ☐ Emergency Medical Sciences Pathway
- ☐ Pharmacy Pathway
- ☐ Medical Laboratory Sciences Pathway

- ☐ Send me a copy of my responses.



## Teacher Recommendation Form

This is the recommendation form to apply to The GWU-ACPS Academy of Health Sciences at T.C. Williams High School. You only need to fill this form out once. Your responses are confidential and will not be shared with the student or student's family.

\* Required

1. **Email address \***

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**GW/ACPS ACADEMY OF HEALTH SCIENCES**

**at**

**T.C. WILLIAMS HIGH SCHOOL**

2. **Teacher's Name \***

---

3. **Your Email Address \***

---

4. **Relationship to student \***

*Mark only one oval.*

- ☐ Math Teacher
- ☐ Science Teacher
- ☐ Other Teacher
- ☐ Coach
- ☐ Other:

5. **Student's First Name \***

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6. **Student's Last Name \***

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7. **Student I.D. Number \***

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**8. Your School or Organization:***Mark only one oval.*

- ☐ Jefferson Houston Middle School
- ☐ George Washington Middle School
- ☐ Francis C. Hammond Middle School
- ☐ Other: \_\_\_\_\_

**About the student....**

Many of these questions ask how the student ranks compared to other 8th graders. For many of the questions below, we ask you to compare this student to the top 10% of your current student population and the top 20% of your current student population.

9.

**1. Connections: What kind of questioning skills does the student most often exhibit? \****Mark only one oval.*

- ☐ The student does not ask any questions, even when they do not understand.
- ☐ The student asks questions, but only when they do not understand a procedure like recalling facts or basic concepts.
- ☐ The student asks questions often, but only those that are procedural related to application of class material.
- ☐ The student frequently asks probing questions which show they are analyzing and evaluating concepts.

10.

**2. Connections: Does the student apply previous learned concepts to new material? \****Mark only one oval.*

- ☐ The same as the average 8th grade student.
- ☐ In the top 20% of all 8th grade students.
- ☐ In the top 10% of all 8th grade students.
- ☐ One of the best students I have this year.

11.

**3. Connections: Does the student demonstrate mastery of the majority of concepts taught in your class? \****Mark only one oval.*

- ☐ The same as the average 8th grade student.
- ☐ In the top 20% of all 8th grade students.
- ☐ In the top 10% of all 8th grade students.
- ☐ One of the best students I have this year.

12. **4. Challenges: Rate the students ability to persevere through adversity, such as, lower than expected grades or when he or she has a difficult time understanding a concept? \***

*Mark only one oval.*

- ☐ The same as the average 8th grade student.
- ☐ In the top 20% of all 8th grade students.
- ☐ In the top 10% of all 8th grade students.
- ☐ One of the best students I have this year.

13.

- 5. Challenges: How willing is the student to accept working on problems that take longer than 15 minutes? \***

*Mark only one oval.*

- ☐ The same as the average 8th grade student.
- ☐ In the top 20% of all 8th grade students.
- ☐ In the top 10% of all 8th grade students.
- ☐ One of the best students I have this year.

14.

- 6. Challenges: Does this student demonstrate critical thinking skills such as applying skills and concepts in real-life scenarios?**

*Mark only one oval.*

- ☐ The same as the average 8th grade student.
- ☐ In the top 20% of all 8th grade students.
- ☐ In the top 10% of all 8th grade students.
- ☐ One of the best students I have this year.

15.

- 7. Challenges: How willing is the student to initiate seeking help for a question missed on an assessment? \***

*Mark only one oval.*

- ☐ The same as the average 8th grade student.
- ☐ In the top 20% of all 8th grade students.
- ☐ In the top 10% of 8th grade students.
- ☐ One of the best students I have this year.

16.

- 8. Collaboration: Is the student a contributing member (leader or follower depending on the situation) when assigned a team project or learning task? \***

*Mark only one oval.*

- ☐ The same as the average 8th grade student.
- ☐ In the top 20% of 8th grade students.
- ☐ In the top 10% of 8th grade students.
- ☐ One of the best students I have this year.

17. **9. Collaboration: Is the student able to put aside differences and become a cohesive team member? \***

*Mark only one oval.*

- ☐ The same as the average 8th grade student.
- ☐ In the top 20% of 8th grade students.
- ☐ In the top 10% of the 8th grade students.
- ☐ One of the best students I have this year.

18.

**10. Collaboration: Does the student consider alternative ideas offered within a group setting? \***

*Mark only one oval.*

- ☐ The same as the average 8th grade student.
- ☐ In the top 20% of 8th grade students.
- ☐ In the top 10% of 8th grade students.
- ☐ One of the best students I have this year.

19.

**11. Work Habits: How often is the student prepared for class? (course assignments, and group presentations) \***

*Mark only one oval.*

- ☐ Less than 69% of the time
- ☐ 70%-79%
- ☐ 80%-89%
- ☐ 90%-100%

20.

**12. Work habits: What percent of the time has the student demonstrated preparation for tests or other assessments? \***

*Mark only one oval.*

- ☐ Less than 69% of the time
- ☐ 70%-79%
- ☐ 80-89%
- ☐ 90%-100%

21.

**13. Work Habits: What percent of the time are assignments turned in on time? (Consider all assignments.) \***

*Mark only one oval.*

- ☐ Less than 69% of the time
- ☐ 70%-79%
- ☐ 80%-89%
- ☐ 90%-100%

**22. 14. Work Habits: How well does the student work independently? \****Mark only one oval.*

- ☐ The same as the average 8th grade student.
- ☐ In the top 20% of all 8th grade students.
- ☐ In the top 10% of all 8th grade students.
- ☐ One of the best students I have this year.

23.

**15. Overall: Rate the student's love of learning. \****Mark only one oval.*

- ☐ The same as the average 8th grade student.
- ☐ In the top 20% of all 8th grade students.
- ☐ In the top 10% of all 8th grade students.
- ☐ One of the best students I have this year.

24.

**16. Extra: Is there anything else you think we should know about this student to help us evaluate them? Limited to 255 characters \***

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## Application Part II Form Written Personal Statement

Please answer the following questions below to accompany your application. For each question, there is a minimum of two paragraphs, but a maximum of three paragraphs.

\* Required

1. **Email address \***

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**GW/ACPS ACADEMY OF HEALTH SCIENCES**

*at*

**T.C. WILLIAMS HIGH SCHOOL**

2. **Student Name: \***

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3. **Why are you interested in this academy? \***

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4. **How could this program help your future? \***

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5. **What personal and academic qualities do you possess that might make you a good fit for the program? \***

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 Google Forms

**Scoring Rubric for Teacher Recommendation of Applicants to the GWU-  
ACPS Health Sciences Academy at T.C. Williams High School**

Student Name: \_\_\_\_\_

CATEGORY:	1-3	4-6	7-9	10-12
<b>Engaging the Curriculum (Connections)</b>	The student demonstrates no interest in class, and does not participate. Student is often disruptive in learning environment	The student is minimally engaged, and rarely participates in class. Student only asks questions when they do not understand.	The student is moderately engaged, and participates in class. Student asks procedural related questions to classroom material, and demonstrates mastery of most concepts taught.	The student is highly engaged, and actively participates in class. Student asks probing questions that support their ability to analyze and evaluate concepts taught. The student demonstrates mastery of majority of concepts taught.
<b>Ability to work with peers. (Collaboration)</b>	The student is not a contributing member when in a group. The student demonstrates an inability to get along well with others, and usually is a source of conflict within a group setting. The student is not open to the ideas of others.	The student is not always a contributing member when in a group. The student often demonstrates an inability to get along well with others, and be a cohesive team member. The student is not usually considerate of other students' ideas.	The student frequently is a contributing member when in a group. The student demonstrates some ability to get along well with others, and be a cohesive team member. This student is often open-minded to others' ideas.	The student is an active and contributing member when in a group. The student demonstrates a strong ability to get along well with others, and be a cohesive team member. The student is always open-minded to the ideas of others.
CATEGORY:	1-4	5-8	9-12	13-16
<b>Response to challenges (Challenges)</b>	The student does not seek help. Student does not apply critical thinking to real life scenarios, and does not persevere through adversity.	The student does not seek help very often. Student rarely applies critical thinking skills to real life scenarios, and more often has difficulty persevering through adversity.	The student seeks help when necessary. Student often applies critical thinking skills to real life scenarios, and demonstrates a moderate ability to persevere through adversity.	The student always seeks help when necessary. Student regularly applies critical thinking skills to real life scenarios, and demonstrates a consistent ability to persevere through adversity.
<b>Work habits and academic performance (Work habits)</b>	The student is never prepared for class. The student is always unprepared for tests, and never turns in assignments on time. The student struggles to work independently.	The student is not always prepared for class. The student often is unprepared for tests, and is missing assignments. The student is able to work independently.	The student is usually prepared for class. The student frequently is prepared for tests, and turns in most assignments on time. The student works well independently.	The student is always prepared for class. The student is always well prepared for tests, and turns in assignments on time. The student always works well independently.



CATEGORY:	1	2	3	4
<b>Overall rating</b>	The student demonstrates a below average love of learning when compared with their peers.	The student demonstrates an average love of learning when compared with their peers.	The student demonstrates an above average love of learning when compared with their peers.	The student demonstrates a strong love of learning when compared their peers.

Total: \_\_\_\_\_/60

**Scoring Rubric for Applicant's Personal Statement to the GWU-ACPS Health Sciences  
Academy at T.C. Williams High School**

Student Name: \_\_\_\_\_

CATEGORY:	8	6	4	2
<b>Question #1</b>	The student demonstrates a strong interest in the academy and the health and medical sciences field.	The student demonstrates a moderate interest in the academy, and interest in the health and medical sciences field.	The student demonstrates an uncertain interest in this academy, and in the health and medical sciences field.	The student demonstrates no interest in the academy, and displays a vague interest in the health and medical sciences careers.
<b>Question #2</b>	The student has clearly demonstrated specific thoughts and goals of how this program could help them achieve their future goals.	The student demonstrates some thoughts and goals of how this program could help them achieve their future goals.	The student demonstrates vague thoughts and goals of how this program could help them achieve their future goals.	The student is unsure of how this program could help them reach their future goals.
<b>Question #3</b>	The student includes very specific personal attributes, skills, and knowledge that would make he/she a good fit for the program.	The student includes some specific personal attributes, skills and knowledge that would make he/she a good fit for the program.	The student includes few specific personal attributes, skills and knowledge that would make he/she a good fit for the program.	The student is unsure of specific personal attributes, skills and knowledge that would make he/she a good fit for the program.

Total: \_\_\_\_\_/24

**Total Scoring Form for Student Applicant to the GWU-ACPS Health Sciences Academy at  
T.C. Williams High School**

Student Name: \_\_\_\_\_

1. Recommendation #1 Score (60 pts.):\_\_\_\_\_
2. Recommendation #2 Score (60 pts.):\_\_\_\_\_
3. Recommendation #3 Score (60 pts.):\_\_\_\_\_
4. Student Personal Statement (24 pts.)\_\_\_\_\_
5. Completed Application (6)\_\_\_\_\_

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Total=\_\_\_\_\_/210

## **Appendix K**

# **Statement of Assurances**

**Governor's Academy for  
Health Sciences**

**STATEMENT OF ASSURANCES**

The authorized signature on this page certifies to the Virginia Department of Education that the authorized official assures that:

1. The planning committee has reviewed the provisions of *Administrative Procedures Guide for the Establishment of Governor's Academy for Health Sciences* outlined in the Guidance Document, and understands that an implementation proposal will need to address these criteria and/or others approved by the Virginia Board of Education.
2. The planning committee agrees to follow the guidelines set forth in the *Administrative Procedures Guide for the Establishment of Governor's Academy for Health Sciences* document.
3. The regional Governor's Academy for Health Sciences will be a jointly-operated program of at least two school divisions, an ongoing governing board will be established or maintained to reflect current Board of Education regulations relative to jointly-operated schools and programs.
4. A public school division will serve as the grant fiscal agent.

Certification by Authorized or Institutional Official:

The applicant certifies that to the best of his/her knowledge the information in this application is correct, that the filing of this application is duly authorized by the partners participating in this process to establish a regional Governor's Academy for Health Sciences, and that the applicant will comply with the statements of assurances.

Dr. Lois F. Berlin  
Typed or Printed Name of Authorized Official

Interim Superintendent  
Title

  
Signature of Authorized Official

11/30/17  
Date

## **Governor's Academy for Health Sciences**

### **STATEMENT OF ASSURANCES SUMMARY**

*(Leave Blank – to be completed by the VDOE)*

The certification by authorized or institutional officials is held on file by the VDOE.

The applicant certifies that to the best of his/her knowledge the information in this application is correct, that the filing of this application is duly authorized by the partners participating in this process to establish a regional Governor's Academy for Health Sciences, and that the applicant will comply with the statements of assurances.

Name

Title

## **Appendix L**

# **Insurance Management**


## INSURANCE MANAGEMENT

The School Board shall maintain insurance on school property, including vehicles, as it deems necessary or as is required by law. The School Board may provide liability insurance, or may provide self-insurance, for certain or all of its officers, employees, and student teachers. Insurance coverage may also be provided to other persons performing functions or services for any school in the school division, regardless of whether payment is made for such functions or services. Such insurance, including workers' compensation and all property and casualty insurance shall be placed with insurance companies authorized to do business in Virginia or provided by insurance pools, groups, or self-insured programs authorized by the state Bureau of Insurance.

Adopted: October 24, 1996  
 Amended: October 7, 2004  
 Amended: September 21, 2006  
 Amended: April 21, 2016

Legal Refs.: Code of Virginia, 1950, as amended, §§15.2-2700 through 15.2-2709,  
 22.1-84; 22.1-188 through 22.1-198

Cross Refs.:	EEBA	ACPS-Owned Vehicles
	EEBA-R	Use of ACPS Vehicles
	KG	Community Use of School Facilities
	KG-R	Community Use of School Facilities Regulations and Application
	KQ	Commercial, Promotional and Corporate Sponsorships and Community Partnerships

CERTIFICATE OF COVERAGE						Rev. 07/07/05
		<b>Producer:</b> <b>VML INSURANCE PROGRAMS</b> P.O. Box 3239, Glen Allen, VA 23058 1-800-963-6800 (Phone); 1-804-968-4662 (Fax) www.vmlins.org		This Certificate is issued as a matter of information only and confers no rights upon the Certificate Holder. This Certificate does not amend, extend or alter the Membership Agreement afforded by the policies below, nor guarantees the solvency of VML Insurance Programs.		
<b>Named Insured:</b> Alexandria City Public Schools 1340 Braddock Place, Suite 610 Alexandria, VA 22314		COMPANIES AFFORDING COVERAGE				
		VML Insurance Programs				
<b>COVERAGES</b>						
This is to certify that the coverage listed below has been issued to the Member named above for the policy period indicated, notwithstanding any requirement, term or condition of any contract or other document with respect to which this Certificate may be issued or may pertain, the coverage afforded by the policies described herein is subject to all the terms, exclusions and conditions of the Member Agreement and the policy forms. Limits shown may have been reduced by paid claims.						
Type of Coverage	Policy Number	Effective Date	Expiration Date	Limits		
<b>General Liability</b> Damage to Premises Rented to You Medical Payments	P-2017-2018-VMLP-0001-1	07/01/2017	07/01/2018	Each Occurrence	\$1,000,000	
				Any One Fire	\$1,000,000	
				Any One Person	\$10,000 includes students	
<b>Excess Liability</b>	P-2017-2018-VMLP-0001-1	07/01/2017	07/01/2018	Per Occurrence	\$10,000,000	
<b>Description of Operations/Locations/Vehicles/Special Items</b> Evidence of coverage for students interning at various sites.						
<b>CERTIFICATE HOLDER</b> ACPS 1340 Braddock Place Alexandria, VA 22314		<b>CANCELLATION:</b> Should the above described Member Agreement be cancelled before the expiration date thereof, VML Insurance Programs will endeavor to mail written notice within 30 days to the Certificate Holder named to the left, but failure to mail such notice shall impose no obligation of any kind upon VML Insurance Programs, its agents or representatives.				
		By: <i>Karen Nuckols</i>			Date: 10/20/2017	



# **Budget**

GOVERNOR'S ACADEMY FOR HEALTH SCIENCES					
INITIAL PLANNING/IMPLEMENTATION GRANT BUDGET					
	TOTAL				
	Local Funds	State Perkins Grant (Grant funds to be described in Budget Narrative)	Local Perkins Funds	In-Kind	Total
A- DIRECT COSTS			\$11,520.00		
1. Personnel - 1000					
2. Employment Benefits - 2000			\$881.28		
3. Purchased/Contracted Services - 3000					
4. Internal Services - 4000	\$500.00				
5. Staff Development - 5000				Provided by GW University	
6. Summer Component Activities - 5000					
7. Travel - 5000					
8. Contractual Services - 5000					
9. Materials and Supplies - 6000		\$5,000.00			
10. Equipment - 8000					
11. Facilities - 8000					
B - INDIRECT COSTS*			\$644.87		
TOTAL	\$500.00	\$5,000.00	\$13,046.15		
GRAND TOTAL					\$18,546.15
*If recovering indirect costs, the rate mush not exceed the federally approved indirect cost rate of the fiscal agent.					