

**Introduction**

The 2023-2024 Career and Technical Education Reporting System (CTERS) User’s Manual provides guidance for completion of the following reports:

* Secondary Enrollment Demographic Form (SEDF)—fall and end-of-year submissions through the Master Schedule Collections
* Secondary Student Career Clusters Enrollment Report (SSCCER)—reported through End-Of-Year (EOY) Student Record Collection (SRC)
* Preliminary Completer Demographics Report (CDR)—reported through EOY SRC
* Career and Technical Education Program Completer Student Follow-Up—reported through the Demographics Research Group at the University of Virginia Weldon Cooper Center for Public Service survey website
* Career and Technical Education Credential Collection (CTECC)
* Final Completer Demographics Report (CDR)—reported through Summer SRC

The information collected through CTERS is used to

* plan budgets,
* determine the Standards of Quality (SOQ) funding for career and technical education (CTE) programs,
* determine disbursements of federal funds for the administration of CTE programs, and
* report CTE accountability data to federal, state, and local agencies or individuals in response to requests for specific information.

There are several changes in the data collection, analysis, and reporting functions of the CTERS. Read all sections of the manual closely. **In the Appendices, sections with changes are bolded.**

Thank you for your diligence in the CTE data collection and submission process. Please send comments and suggestions for improvement of this manual to the following address:

Data Management

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# Terms and Definitions

Terms included in the CTERS User’s Manual are defined as follows:

| **Term** | **Definition** |
| --- | --- |
| Career Pathway | A career pathway represents a common set of skills and knowledge, both academic and technical, necessary to pursue a full range of career opportunities ranging from entry level to management, including technical and professional careers. |
| Certification/Licensure  Assessments | Completion of certain skill sets and coursework enables students to participate in the Virginia Board of Education-approved assessments for industry certifications, state licenses, and/or occupational competency skills certifications. Students who earn these credentials are eligible to earn verified credits toward graduation requirements. Students are required to earn a Board-approved CTE credential to graduate with a Standard Diploma. |
| Completer | A CTE completer is a student who has met the requirements for a CTE concentration (sequence) and all requirements for high school graduation, or an approved alternative education program.  NOTE: Students may take additional CTE courses that will enhance their career pathway goals. |
| Concentration | A concentration is a coherent sequence of state-approved courses as identified in the course listings within the web-based CTE Career Clusters Course Descriptions. |
| CTE Serving Division | The “CTE Serving Division” is where a student was first reported with a CTE Finisher Code of 1 or 5 in the SRC. |
| CTE Serving School | The “CTE Serving School” is where a student was first reported with a CTE Finisher Code of 1 or 5 in the SRC. CTE Serving Schools can include Regional CTE Centers, Division-Level CTE Centers, Governor’s STEM Academies, and Governor’s Health Sciences Academies. |
| CTE Data-Reporting School Year | September 1 through August 31 (fall, spring, and summer). |
| Enrollee | An enrollee is a student in grades 6-12 who is enrolled in a state-approved CTE course. |
| Concentrator | A concentrator is a student who has completed a concentration of state-approved courses as defined by the CTERS User’s Manual but has not met the requirements for graduation. |
| Leaver | A leaver is a secondary (high school) student who was enrolled in a CTE program and either transferred to another school or dropped out of school without graduating. |
| Responsible Division | The “Responsible Division” is where (a) the student resides, (b) the student attends a school through open enrollment, *or* (c) tuition is waived.  NOTE: The Responsible Division must report the records of students when the Serving Division number is greater than 218 or not equal to 900. |
| Serving Division | The “Serving Division” is the division or agency that provides services to the student.  NOTE: Only a division whose code number is less than or equal to 218, or is equal to 900, will submit a report to the VDOE. If the Serving Division number is greater than 218 or not equal to 900, the Responsible Division must report the records of those students. |
| Special Populations | Special populations are individuals with disabilities; individuals from economically disadvantaged families; individuals preparing for non-traditional fields; single parents, including single pregnant women; out-of-workforce individuals; English learners; homeless individuals; youth in the foster care system; and youth with a parent in the military. |
| Specialization | A specialization is a student choice to take additional courses beyond a minimum completer course sequence in a specific career cluster area related to his/her career pathway. |
| Standard Credit | [8VAC20-131-110. Standard and verified units of credit.](https://law.lis.virginia.gov/admincode/title8/agency20/chapter131/section110/)  A. A "standard unit of credit" or "standard credit" is a credit awarded for a course in which the student successfully completes 140 clock hours of instruction and the requirements of the course. |

# 2023-2024 CTERS Important Dates

| **Report** | **Brief Description** | **Due Date** |
| --- | --- | --- |
| Secondary Enrollment Demographic Form (SEDF) Fall Report | Report enrollment counts that are recorded on **October 1, 2023**, for all CTE state-approved 6-, 9-, 12-, 18-week and yearlong (36-week) classes.  Submission method: CTE administrator submits to the VDOE through SSWS\* Fall Master Schedule Collection (MSC). | January 2024  (Due date for Fall MSC) |
| CTE Follow-Up Survey of Program Completers (from School Year 2022-2023) | Conduct the 2024 follow-up of the 2022-2023 CTE Program Completers approximately 9-12 months after graduation. The survey measures completers’ transition to postsecondary education or employment and their satisfaction with, and the quality of, their high school education.  Submission method: Online data entry (managed by The Center for Survey Research at the University of Virginia’s Weldon Cooper Center for Public Service). | July 31, 2024  (Follow-up survey ends) |
| Secondary Student Career Clusters Enrollment Report (SSCCER) | Report unduplicated enrollment counts that are recorded on the **last day of school** for students participating in CTE classes in grades 9-12 and students in grades 7 and 8 who are earning high school credit.  Submission method: Within SSWS\*, upload the data text file to the VDOE through the End-of-Year (EOY) Student Record Collection (SRC). | July 2024  (Due date for EOY SRC) |
| Preliminary Completer Demographics Report (CDR) | Report data elements that are recorded on the **last day of school** and used to analyze program completer demographics, calculate performance measures, and compile federal, state, and local accountability reports.  Submission method: Within SSWS\*, upload the data text file to the VDOE through the EOY SRC. | July 2024  (Due date for EOY SRC) |
| Career and Technical Education Credential Collection (CTECC) | Report data annually for students and teachers participating in CTE classes and industry credentialing external testing presented in the Virginia’s School Quality Profiles (School Report Card).  Submission method: Within SSWS\*, upload the data text file.  NOTE: Upon verification by the school division, the *Workplace Readiness Skills for the Commonwealth Examination* results will be reported directly to the VDOE from the test provider, CTECS. | July 31, 2024 |
| Final Completer Demographics Report (CDR) | Report data elements that are recorded on the **last day of summer school** and used to analyze program completer demographics, calculate performance measures, and compile federal, state, and local accountability reports.  Submission method: Within SSWS\*, upload the data text file to the VDOE through the Summer SRC. | August 2024  (Due date for Summer SRC) |
| Student Enrollment Demographic Form (SEDF) End-of-Year Report (2023-2024 School Year) | Report enrollment counts that are recorded on the **last day of school** for all CTE state-approved 6-, 9-, 12-, 18-week and yearlong (36-week) classes.  Submission method: CTE administrator submits to the VDOE through SSWS\* EOY MSC. | August 2024  (Due date for EOY MSC) |

\*SSWS—Single Sign-on for Web Systems

# Perkins V Performance Measures (2023-2024 Virginia Agreed-Upon Performance Levels)

| **Core Indicator**  **Code** | **Core Indicator of Performance** | **State**  **Negotiated Level of Performance  2023-2024** | **Data Collection Source** |
| --- | --- | --- | --- |
| 1S1 | Four Year Graduation Rate | 95.00% | * Student Record Collection * Completer Demographics Report |
| 2S1 | Academic Proficiency in Reading Language Arts | 86.00% | * End of Course Standards of Learning Test Scores |
| 2S2 | Academic Proficiency in Mathematics | 86.00% | * End of Course Standards of Learning Test Scores |
| 2S3 | Academic Proficiency in Science | 86.00% | * End of Course Standards of Learning Test Scores |
| 3S1 | Post-Program Placement | 94.00% | * Completer Demographics Report * CTE Completer Follow-Up Survey |
| 4S1 | Nontraditional Program Concentration | 29.00% | * Completer Demographics Report * Student Record Collection * SEDF Report * Master Schedule Collection |
| 5S1 | Program Quality—Attained Recognized  Postsecondary Credential | 66.00% | * CTE Credential Collection |
| 5S3 | Program Quality—Participated in Work-Based Learning | 11.00% | * Student Record Collection * SEDF Report * Master Schedule Collection |
| 5S4 | Program Quality—Technical Skills Attainment | 82.00% | * Student Record Collection * Master Schedule Collection |

**\***In the Strengthening Career and Technical Education for the 21st Century Act (Perkins V), a new baseline and new targets were established for academic attainment in reading, mathematics, and science. Previously the academic attainment targets for CTE programs had been based on the targets contained in Virginia’s Consolidated State Plan required under the Elementary and Secondary Education Act. However, because the average performance of CTE students now surpasses the targets contained in the most recent version of the Consolidated State Plan (approved by the U.S. Department of Education in May 2018), a new methodology was required. The current targets are based on analyses of the longitudinal performance of Virginia CTE students and consideration of the Measures of Interim Progress contained in Virginia’s approved Consolidated State Plan as required under the Every Student Succeeds Act (ESSA).

# Data Definitions

**1S1— Four Year Graduation Rate**

**Numerator:** Number of CTE completers who earned an Advanced Studies, International Baccalaureate, or Standard Diploma

**Denominator:** Number of CTE students exiting secondary education during the reporting period

**2S1— Academic Attainment rate for Reading Language Arts equals the pass rate percentage of CTE students on the SOL EOC Reading Language Arts test (Reported by Responsible Division)**

**Numerator:** Number of CTE completers who have met the proficient or advanced level on the statewide high school EOC Reading Language Arts assessment (highest level) and who, in the reporting year, left secondary education

**Denominator:** Number of CTE completers who took the SOL assessments in EOC Reading Language Arts (highest level) and who, in the reporting year, left secondary education

**2S2— Academic Attainment rate for Mathematics equals the pass rate percentage of CTE students on the SOL EOC Mathematics test (Reported by Responsible Division)**

**Numerator:** Number of CTE completers who have met the proficient or advanced level on the statewide high school EOC Mathematics assessment (highest level) and who, in the reporting year, left secondary education

**Denominator:** Number of CTE completers who took the SOL assessments in EOC Mathematics (highest level) and who, in the reporting year, left secondary education

**2S3— Academic Attainment rate for Science equals the pass rate percentage of CTE students on the SOL EOC Science test (Reported by Responsible Division)**

**Numerator:** Number of CTE completers who have met the proficient or advanced level on the statewide high school EOC Science assessment (highest level) and who, in the reporting year, left secondary education

**Denominator:** Number of CTE completers who took the SOL assessments in EOC Science (highest level) and who, in the reporting year, left secondary education

**3S1— Post Program Placement**

**Numerator:** Number of CTE completers who left secondary education during the prior year and were enrolled in postsecondary education or advanced training, military service, or employment

**Denominator:** Number of CTE completers who left secondary education during the prior year

**4S1— Non-Traditional Program Concentration**

**Numerator:** Number of CTE completers from underrepresented gender groups who, during the reporting year, completed a program that leads to employment in nontraditional fields

**Denominator:** Number of CTE completers for the reporting year who participated in a CTE course with an identified non-traditional gender

**5S1—** **Program Quality—Attained Recognized Post-Secondary Credential**

**Numerator:** Number of CTE completers who attained a recognized postsecondary credential

**Denominator:** Number of CTE completers for the reporting year

**5S3— Program Quality—Participated in Work-Based Learning**

**Numerator:** Number of CTE completers who participated in Work-Based Learning

**Denominator:** Number of CTE completers for the reporting year

**5S4— Program Quality—Technical Skills Attainment**

**Numerator:** Number of CTE completers within the reporting year that attained 80% of the competencies for the program

**Denominator:** Number of CTE completers for the reporting year

# Secondary Enrollment Demographic Form (SEDF)

## GENERAL INFORMATION

The Secondary Enrollment Demographic Form (SEDF) report is collected two times a year, once in the fall and once at the end of the school year. The SEDF contains the Career and Technical Education (CTE) courses as reported on the Fall and End-Of-Year (EOY) Master Schedule Collection (MSC). The course enrollment counts that coincide with each of those collections are based on active students on the Fall SRC for first semester classes and active students on the Spring SRC for second semester and yearlong classes. The sign verification through SSWS are due at the same time as the corresponding Master Schedule or Student Record Collections.

The SEDF collects class enrollments and demographic data for students in each CTE class, grades 6-12.The data is used to calculate Nontraditional Career Preparation Enrollment for federal, state, and local accountability reporting and to determine the [Standards of Quality (SOQ)](https://www.doe.virginia.gov/data-policy-funding/virginia-board-of-education/virginia-standards-of-quality) funding for CTE programs.

The following reports are available for download from the SEDF Report page in the Single Sign-on for Web Systems (SSWS) for current and prior years:

* CTE Course and School Codes for the Exchange of Data (SCED) Code Listing Report—provides all course information, as shown in the appendices of this manual
* Teacher Listing Report—provides current-year teachers with pertinent information
* Division/School Course Enrollment Report—provides a count of student enrollment by gender for each course offered
* Division Verification Report—provides any data abnormalities, thresholds, nontraditional enrollment, and instructor listing sections for current-year enrollments

## INSTRUCTIONS FOR COMPLETION

The SEDF report lists each CTE class taught at a school and the student demographics of each class. Instructions to complete the SEDF report are as follows:

### Phase I. Upload Course Records in the MSC

The CTE administrator must communicate with the school division staff member who is responsible for submitting the [Master Schedule Collection](https://www.doe.virginia.gov/data-policy-funding/data-reports/data-collection/master-schedule-collection) (MSC) to ensure that teacher records and student enrollment are correctly submitted.

### CTE Field Descriptions included in the MSC

Each field described below is part of the MSC data records and should be completed as directed in the EOY MSC documentation.

#### C Records:

**Serving School**

The Serving School field is defined as **the school where instruction is provided** and is the school, center, program, or placement that provided the course to the students.

**Minutes per Course**

The Minutes per Course field is defined as the **total time** in minutes that the course section teacher is delivering instruction to students for the duration of the course.

**Note:** This time may include up to five minutes per class period for interclass transfer time.

The following chart illustrates examples of what you should see on the SEDF report for the “Total Minutes per Course” column based on the number of weeks and period length of a CTE class.

| Duration in Weeks | DOE Required Hours | Example Period Length in Minutes | Total Minutes per Course |
| --- | --- | --- | --- |
| 6 |  | 45 | 1,350 |
| 9 |  | 45 | 2,025 |
| 12 |  | 45 | 2,700 |
| 18 |  | 45 | 4,050 |
| 36 | 140\* | 45 | 8,100 |
| 36 | 280\*\* | 90 | 16,800 |

OR

| Duration in Weeks | DOE Required Hours | Example Period Length in Minutes | Total Minutes per Course |
| --- | --- | --- | --- |
| 6 |  | 50 | 1,500 |
| 9 |  | 50 | 2,250 |
| 12 |  | 50 | 3,000 |
| 18 |  | 50 | 4,500 |
| 36 | 140\* | 50 | 9,000 |
| 36 | 280\*\* | 100 | 18,000 |

DOE Required Hours: \*Single block of instruction to meet minimum hours of instruction.

\*\*Double block of instruction to meet minimum hours of instruction.

#### F Records:

**Dual Enrollment Flag**

Y = The course the student is taking is for dual enrollment.

N = The course the student is taking is for secondary school only.

**Work-Based Learning (WBL) Codes**

WBL is a school-coordinated, coherent sequence of workplace experiences that are related to students’ career goals and/or interests, integrated with instruction, and performed in partnership with local businesses, industries, or other organizations in the community. WBL enables students to apply classroom instruction in a real-world business or service-oriented work environment.

Codes: 1 = Cooperative Education

2 = Registered Apprenticeship

3 = Internship

4 = Mentorship

5 = Job Shadowing

6 = Service Learning

7 = Clinical Experience

8 = Supervised Agricultural Experience

9 = Youth Registered Apprenticeship

10 = Externship

11 = School Based Enterprise

12 = Entrepreneurship

13 = Mentorship for .5 Credit

**Governor’s Academy Code types**

S = Governor’s Science, Technology, Engineering and Mathematics (STEM) Academies are defined by program content, not by the location or delivery system of courses. The academy must have at least two pathways. One of the pathways must be in a STEM-related field. Courses may be delivered in a high school, technical center, community college campus, online, or in other innovative ways. Governor’s STEM Academies may be full-day or part-day academic-year programs. The establishment of a Governor’s STEM Academy must be approved by the Virginia Board of Education.

H = Governor’s Health Sciences Academies require implementation of the five career pathways in health sciences: Therapeutic Services, Diagnostic Services, Health Informatics, Support Services, and Biotechnology Research and Development. The courses may be offered in a high school, technical center, community college campus, online, or in other innovative ways. Governor’s Health Sciences Academies may be full-day or part-day academic-year programs. The establishment of a Governor’s Health Sciences Academy must be approved by the Virginia Board of Education.

See listing in Appendix N

#### I Records:

Data elements included in the “I” record list one Primary and one Secondary section ID that link two class sections taught concurrently. When there are more than two concurrent sections, multiple “I” records should be recorded, using the same primary section ID for each record.

#### J Records:

**Number of Students participating in Cooperative Education (Co-op)**

The number of students overseen by the Local Provider during the school year.

**Minutes of Co-op Period**

The average length in minutes of the Co-op teacher’s coordination section periods.

### Phase II. Review Teacher Data

You may view the list of teachers by selecting the link to “Find Instructors.”

#### Find Instructors

Find Instructors is located on the upper right side of the screen. This section brings up a list of teachers. Review the alphabetical listing to identify current teachers submitted through the MSCs.

#### Threshold

The threshold is a meter that tracks the teaching minutes. If the threshold of 54,000 teaching minutes is breached, the meter changes into a text box. In the text box, a written justification of the threshold breach is required before a course will be accepted by the system. The Threshold Justification entered via the SSWS will appear on the SEDF Report when printed.

Steps:

1. ENTER the Threshold Justification in the text box. (Example: Teacher is compensated for teaching an extra class.)

2. SELECT “Submit/Update Explanation.”

WARNING: All text boxes in white must have data entered, and the threshold must be justified before enrollment additions may be accepted by the system.

#### Enrollment Breach: Enrollment greater than 35, 20, 15, 10

You will receive an enrollment breach when the limit set by the state is surpassed. Some courses have limited enrollment due to safety reasons.

Justification entered via the SSWS will appear on the SEDF report when printed.

Steps:

1. ENTER the Enrollment Breach Justification in the text box.

2. SELECT “Submit/Update Explanation.”

WARNING: All text boxes in white must have data entered, and the enrollment breach must be justified before enrollment additions may be accepted by the system.

### Phase III. Retrieve Your SEDF Report for Review Prior to Final Submission

Once the SEDF data is processed through the SSWS, the Division Verification Report may be generated and downloaded from the SSWS website. The Division Verification Report contains the following sub-reports:

* Data Abnormalities—including critical errors
* Threshold—total instructional minutes surpass 54,000 for the school year
* Nontraditional—state-identified nontraditional courses by gender
* Instructor Listing—all instructors within the division by school

#### Reports Page

Steps:

1. Select “Reports” at the bottom of the menu located on the upper-right side of the screen.

2. Choose “Division Verification Report.”

3. Select the school year from the drop-down menu.

4. Select “View Report.”

5. The system will open the report in PDF format.

**Note:** If there is a CTE student reported in the most recent MSC who is not in the most recent SRC, the demographic counts will display as blank.

6. You may then save the report or print a copy.

### Phase IV. Correct Data

* A Data Abnormalities Report free of critical errors indicates that all data was submitted correctly. Changes or corrections must be resubmitted in the MSC. If abnormal data was submitted, the Data Abnormalities Report will list all items requiring correction—critical errors and items to double-check.
* Critical errors must be corrected before an SEDF submission will be considered complete.

Warnings and notices *do not* require correction and serve only as a reminder to double-check your data submission.

Corrections are to be made in the MSC and by following the steps in Phase I.

* The Threshold Report lists all teachers whose total instructional minutes surpass 54,000 minutes for the school year. All threshold errors must be corrected or justified before returning the verification forms.

Some common reasons for threshold errors:

* Two or more classes taught during the same period are reported separately instead of the enrollments being linked in the MSC as one record.
* The same class is reported more than once.
* Too many minutes are reported for a class.
* A teacher has volunteered or is being paid to teach extra classes.

The threshold of 54,000 minutes is determined by summing the minutes per course for each teacher reported in the course element of the MSC.

* The Nontraditional Report lists all the state-identified nontraditional courses by gender enrollments taught within the division. It is provided with the yearlong verification forms for informational and program improvement purposes.
* The Instructor Listing Report identifies all instructors for the division by school.
* Once the MSC is complete, the MSC file submitter must submit for approval.

### Phase V. Finalize Submission

Your report will **need to be finalized** to complete the submission.

Steps:

1. SELECT “Send Explanations” in the upper-right menu.

If there are critical errors that need to be corrected, a red warning will appear at the top of the page. Once all critical errors are resolved in MSC, provide explanations if needed.

1. SELECT “Send Explanations.”

If you still have unexplained threshold(s) or enrollment breaches, an error box will pop up. This will give you another opportunity to enter the explanations for these issues.

When your submission has been processed, a green message will appear at the top of the page, indicating the data has been successfully submitted.

Once the SEDF approver has reviewed and accepted the reports, an email will be sent to the **Collection Manager** (also referred to as the gatekeeper). This person is responsible for selecting “Submit” to submit to the superintendent.

Should a school division determine later that something needs to be corrected, the school division will need to contact the VDOE to have their MSC window reopened. If the MSC is reloaded to the VDOE after Phase V, then the school division must return to Phase II and repeat all subsequent steps.

# Secondary Student Career Clusters Enrollment Report (SSCCER)

## General Information

The Secondary Student Career Clusters Enrollment Report (SSCCER) collects unduplicated enrollment counts for students participating in CTE classes in grades 9-12 and middle school students (grades 7 and 8) earning high school credit. This unduplicated data is required for federal reporting.

The required data elements for the SSCCER will be collected through the End-of-Year (EOY) Student Record Collection (SRC) Report. CTE administrators must work with the division’s technology office to ensure that the data submitted to the VDOE is accurate and complete.

### Special Data Considerations

NOTE the following information when completing the SSCCER:

* Students who are enrolled in a middle or high school but attend a Regional CTE Center, Governor’s STEM Academy, or Governor’s Health Sciences Academy will be reported to the VDOE in the SSCCER by the “Responsible Division” where the students are enrolled.*Regional CTE Centers, Governor’s STEM Academies, and Governor’s Health Sciences Academies do not submit data directly to the VDOE, but as “CTE serving schools,” they should verify that data is correctly reported to the VDOE by the “Responsible Division.”*
* If a school division offers courses for high school credit at the middle school level, enrollment counts should be reported.
* Postgraduate students should not be included in this count.

## Instructions for Completion

### Data Collection Sequence

The EOY SRC is electronically submitted to the VDOE reporting enrollment counts recorded on the last day of school and containing all SSCCERdata fields. This file is *not* submitted by the CTE administrator but by the school division’s data-reporting staff. The CTE administrator or a designee must verify the accuracy of the report.

### Phase I. Collect Data

The CTE administrator must communicate with the school division staff member who is responsible for submitting the EOY SRC to ensure that appropriate records/fields have been flagged to be counted accurately and submitted on time.

#### Unduplicated Enrollments

Even though a student may be enrolled in more than one CTE program during the school year, the student should be reported only once on this report. Report a student in the career cluster that matches his or her primary career goal.

WARNING: The total number of students enrolled in CTE should not exceed the total enrollment of grades 9-12, or grades 7 and 8 if a school division offers courses for high school credit at the middle school level.

### List of Field Descriptions

Each field described below is part of the SSCCER and should be completed as directed for the EOY SRC.

#### CTE Career Cluster Code

Federal reporting procedures require that students enrolled in CTE courses be reported by career cluster. The CTE Career Cluster Code identifies the state-approved CTE course within the career cluster that the student has taken at any time in the most recent school year.

#### Ethnic Code

Enter “Y” (Yes) or “N” (No) code to designate Hispanic ethnicity as defined by data elements for the SRC.

#### Race Code

Choose from Codes 01 through 32 as designated for use in defining a student’s racial membership for the SRC.

#### Student Classifications

Students can be identified in as many categories as applicable. Use the following definitions to determine which categories apply to each student:

**Individual with a Disability**

Refer to Section 3 of the Americans with Disabilities Act of 1990 (42 U.S.C. 12102).

**English Learner**

English learner means:

1. a secondary school student who is an English learner, as defined in Section 8101 of the Elementary and Secondary Education Act of 1965; or
2. an adult or an out-of-school youth who has limited ability in speaking, reading, writing, or understanding the English language; and—

(i) whose native language is a language other than English; or

(ii) who lives in a family environment in which a language other than English is the dominant language.

**Economically Disadvantaged**

Individuals from economically disadvantaged families, including low-income youth and adults.

**Nontraditional Fields**

Nontraditional fields means occupations of work, such as in computer science, technology, and other current and emerging high-skill occupations, for which individuals from one gender comprise less than 25 percent of the individuals employed in each such occupation or field of work.

**Single Parent**

Single Parent refers to a *student* who is unmarried or legally separated from a spouse and who has a minor child or children for whom the parent has either custody or joint custody. This term includes a single pregnant woman.

**Out-of-Workforce Individual**

Out-of-Workforce Individual means:

1. an individual who is a displaced homemaker, as defined in Section 3 of the Workforce Innovation and Opportunity Act (29 U.S.C. 3102); or
2. an individual who has worked primarily without remuneration to care for a home and family, and for that reason has diminished marketable skills or is the parent whose youngest dependent child will become ineligible to receive assistance under Part A of Title IV of the Social Security Act (42 U.S.C. 601 et. seq.) not later than two years after the date on which the parent applies for assistance under such title; and
3. is unemployed or underemployed and is experiencing difficulty in obtaining or upgrading employment.

**Homeless Individuals**

Refer to Section 725 the McKinney-Vento Act Homeless Assistance Act (42 U.S.C. 11434a).

**Youth In or Aged Out of Foster Care**

Youth who are in, or have aged out of, the foster care system.

**Youth with a Military Parent**

Youth with a parent who:

1. is a member of the armed forces (as such term is defined in Section 101(a)(4) of Title 10, United States Code); and
2. is on active duty (as such term is defined in Section 101(d)(1) of such title).

### Phase II. Extract the SSCCER Report

Once submitted, the SSCCER Verification Summary Report will be available for download and review through the SSWS. (The SSCCER Verification Summary Report may be extracted for any school year.)

Steps:

1. LOG IN to the SSWS and the Welcome screen will appear.
2. CHOOSE “Career and Technical Education (CTE) Reports” from the list of available applications.
3. The CTE Welcome screen will become visible. SELECT “Reports” in the menu on the upper-right side of the screen.
4. The Report Page opens with five report options:

* [**Comparison of CTE Program Completer and Non-CTE Program Completer Graduates**](https://t1pe.doe.virginia.gov/cters2App/show_report.do?report_id=comparison_cte_compl_and_non_compl_grads)—This report compares the Standards of Learning test pass rates for CTE Program Completer vs. Non-CTE Program Completer graduates for tests taken while they attended high school.
* **Final CTE Completer Demographics Verification Report**—This report contains an unduplicated count of all completers for a school year (fall, spring, and summer). The data is presented for the division and the school(s). It is presented by Career Pathway Code by graduation information (competency attainment, diploma type, and diploma seals). The second set of tables presents the data by Career Pathway Code by special populations, gender, and race.
* **List of Completers**—This list consists of the CTE Program Completers for the current school year, including those who graduated during the summer. (Current school year equals fall, end-of-year, and summer.) This list is available in Excel and PDF formats.
* **Preliminary CTE Completer Demographics Verification Report**—This report provides division-level and school-level summaries of preliminary CTE completer demographic data as submitted on the End-of-Year Student Record Collection.
* **SSCCER Verification Report**—This report contains an unduplicated enrollment count of all students enrolled in any state-approved high school CTE course. The report displays the number of students enrolled by career cluster, special populations, gender, and race. The data displayed in this report is extracted from the End-of-Year Student Record Collection.

1. On the Reports Page, SELECT “SSCCER Verification Report” link. This will open the SSCCER Verification Report Page.
2. On the SSCCER Verification Report Page, you must SELECT the school year desired from the drop-down menu.
3. Once you have selected a school year, SELECT “Launch Report.”
4. The report will open, and you may save it in PDF format to the location of your choice.

### Phase III. Verify Data

The CTE administrator or a designee should review the report for errors and omissions.

WARNING: If errors exist, the EOY SRC *must* be resubmitted with the corrected data. An electronic resubmission is the only way to correct errors.

# Preliminary Completer Demographics Report (CDR)

## Instructions for Completion

The Preliminary Completer Demographics Report (CDR) is used to analyze program completer data by gender, ethnicity, special populations, and technical competency attainment. It is one of the primary sources of data used in student demographic analysis and for completing many federal, state, and local reports for funding allocations.

The required data elements for the Preliminary CDR will be collected through the EOY SRC Report. CTE administrators must work with the division’s technology office to ensure that the data submitted to the VDOE is accurate and complete.

NOTE: The CTE data-reporting school year for 2023-2024 is defined as September 1 through August 31 (fall, spring, and summer).

### Phase I. Collect Data

The EOY SRC is electronically submitted to the VDOE and contains all required CDR data fields. This file is submitted by the school division IT/data-management staff, *not* the CTE administrator. However, the CTE administrator or a designee ***must*** verify the accuracy of the report.

### Phase II. Verify Data

Once submitted, the administrator will review the report for errors. If errors exist, the EOY SRC must be resubmitted to eliminate the errors. A resubmission is the only way to correct errors; pencil/pen corrections will not be accepted.

To obtain the verification reports, follow the steps listed below:

1. LOG IN to the SSWS and the Welcome screen will appear.
2. CHOOSE “Career and Technical Education (CTE) Reports” from the list of available applications.
3. The CTE Welcome screen will become visible. SELECT “Reports” in the menu on the upper right side of the screen.
4. The Report Page opens with five report options:

* [**Comparison of CTE Program Completer and Non-CTE Program Completer Graduates**](https://t1pe.doe.virginia.gov/cters2App/show_report.do?report_id=comparison_cte_compl_and_non_compl_grads)—This report compares the Standards of Learning test pass rates for CTE Program Completer vs. Non-CTE Program Completer graduates for tests taken while they attended high school.
* **Final CTE Completer Demographics Verification Report**—This report contains an unduplicated count of all completers for a school year (fall, spring, and summer). The data is presented for the division and the school(s). It is presented by Career Pathway Code by graduation information (competency attainment, diploma type, and diploma seals). The second set of tables presents the data by Career Pathway Code by special populations, gender, and race.
* **List of Completers**—This list consists of the CTE Program Completers for the current school year, including those who graduated during the summer. (Current school year equals fall, end-of-year, and summer.) This list is available in Excel and PDF formats.
* **Preliminary CTE Completer Demographics Verification Report**—This report provides division-level and school-level summaries of preliminary CTE completer demographic data as submitted on the End-of-Year Student Record Collection.
* **SSCCER Verification Report**—This report contains an unduplicated enrollment count of all students enrolled in any state-approved high school CTE course. The report displays the number of students enrolled by career cluster, special populations, gender, and race. The data displayed in this report is extracted from the End-of-Year Student Record Collection.

1. Review, print, and compare the Preliminary Completer Demographics Verification Report with the List of Completers Report to ensure the accuracy of the report.

## Instructions for CTE Administrators

Though the focus of this report is on CTE completers, all students who have finished a state-approved CTE sequence of courses should be reported. The EOY Report will automatically merge the graduation code with the finisher code to determine completers. Use the following instructions to complete this demographics collection.

Definition of a Completer: A CTE *completer* is a student who has met the requirements for a career and technical concentration (sequence) **and** all requirements for high school graduation, or an approved alternative education program.

Refer to the [CTE Resource Center](https://www.cteresource.org/) course frameworks to determine whether a student has finished the CTE requirement for completion.

### Regional CTE Center, Governor’s STEM Academy, and Governor’s Health Sciences Academy Information

NOTE: Students who complete a CTE program at a Regional CTE Center, Governor’s STEM Academy, or Governor’s Health Sciences Academy will be reported to the VDOE in the EOY Report by the “Responsible Division” where the students are enrolled. *Regional CTE Centers, Governor’s STEM Academies, and Governor’s Health Sciences Academies do not submit data directly to the VDOE, but as “CTE serving schools,” they should verify that data is correctly reported to the VDOE by the “Responsible Division.”* It is critical that finishers are accurately reported to ensure that the center or academy is appropriately assigned with the completers for the CTE Student Follow-Up Survey.

WARNING: If finishers for the centers or academies are not reported accurately, then the responsible school division will be responsible for completing the CTE Student Follow-Up Survey for those completers.

### Students Who Complete More Than One Program

Report each finisher only once, regardless of the number of programs a student has completed. If the student finishes more than one program, choose the program that best represents the student’s primary career goal.

### List of Field Descriptions

Each field described below is part of the CDR and should be completed as directed on the EOY SRC.

#### Serving Division Number

This is a three-digit, state-assigned number used to identify the division or agency that provides services to the student (the division where the student *completed* the CTE program). The three-digit number codes for school divisions, Regional CTE Centers, Governor’s STEM Academies, and Governor’s Health Sciences Academies are listed in Appendix N.

#### Serving School Number

This is a four-digit, state-assigned number used to identify the school that provides services to the student (the school where the student *completed* the CTE program). Enter the four-digit school number that identifies the school, Regional CTE Center, Governor’s STEM Academy, or Governor’s Health Sciences Academy where the student *completed* the CTE program.

Example: If a student attends Anytown High School but finished a CTE program at Somewhere Tech Center, enter the four-digit code for Somewhere Tech Center. This rule applies to a Regional or Division-Level CTE Center.

#### Student’s First Name

#### Student’s Middle Name

#### Student’s Last Name

#### Mailing Address

#### City

**ZIP Code**

#### Date of Birth (DOB)

#### Telephone Number

Report any telephone number, including cell phone number, where the program completer can be contacted in the spring of 2023. Include the area code and seven-digit phone number. Do not include parentheses, hyphens, or other special characters.

**This information will be used by the division in the 2024 CTE Follow-Up of the 2023 Program Completers.**

#### Gender Code: Enter “M,” “F,” or “N”

M = Male; F = Female, N = Non-Binary

#### Race Code

CHOOSE from Codes 01 through 32 as defined for a student’s racial membership for the SRC.

#### Ethnic Code

ENTER “Y” (Yes) or “N” (No) code to designate Hispanic ethnicity as defined by data elements for the SRC.

#### CTE Finisher Code

CHOOSE from Codes 1, 3, 4, 5 or 6 as defined for a student’s CTE Finisher status for the SRC. See Appendix J.

#### CTE Career Pathway Code

ENTER state-assigned 4-digit code of the student’s Career Pathway. Refer to Appendix K for a complete listing.

#### CTE Special Populations Code

A student may be coded as Individual with Disability, Individual from Economically Disadvantaged Family, Preparing for Non-traditional Fields, Single Parent, Out-of-Workforce Individual, English Learner, Homeless Individual, Youth in or out of Foster Care, and Youth with a Parent in Military.

#### Competency Attainment Code

ENTER “Y” (Yes) if the CTE Finisher attained at least 80 percent of the essential competencies from the state-provided, industry-validated competency list. ENTER “N” (No) if the student is not a CTE Finisher **or** did *not* attain at least 80 percent of the essential competencies from the state-provided, industry-validated competency list, available on the CTE Resource Center’s website.

The CTE Finisher’s attainment of 80 percent of the essential competencies on the state-provided, industry-validated course competency list is defined as achieving a *satisfactory rating* (one of the three highest ratings—1, 2, or 3) on the Student Competency Record (SCR) scale, as follows:

RATING SCALE

1—Can teach others

2—Can perform without supervision

3—Can perform with limited supervision

4—Can perform with supervision

5—Cannot perform

#### CTE Diploma Seal Information

ENTER the code of the corresponding Diploma Seal Information:

1 = Board of Education Governor’s Seal

3 = Board of Education Career and Technical Seal *only*

4 = Board of Education Advanced Mathematics and Technology Seal *only*

34 = Board of Education Career and Technical Seal *and* the Advanced Mathematics and Technology Seal

37 = Board of Education Career and Technical Education Seal and Board of Education Seal for Science, Technology, Engineering, and Mathematics

134 = All three: Governor’s Seal, Career and Technical Seal, and Advanced Mathematics and Technology Seal

347 = Board of Education Career and Technical Education Seal, Board of Education Seal of Advanced Mathematics and Technology, and Board of Education Seal for Science, Technology, Engineering, and Mathematics

Leave blank = If the student did not earn a seal listed above

**Graduate/Other Completer Code**

ENTER the number that indicates the type of diploma or certificate the student earned. These codes are listed in Appendix M.

#### Responsible Division Number

ENTER the three-digit code for the division where the student *graduated.* These codes are listed in Appendix N.

#### Responsible School Code

ENTER the four-digit code for the school where the student *graduated*.

#### Serving Division Number

ENTER the three-digit code for the division where the student *attended* CTE classes***.***These codes are listed in Appendix N.

#### Serving School Code

ENTER the four-digit code for the school where the student *attended* CTE classes*.*

#### State Testing Identifier (STI)

ENTER the student’s ten-digit unique State Testing Identifier (STI) provided by the Virginia Department of Education’s Office of Data Services.

## Common Data Entry Errors

1. Responsible Division must be a registered Local Education Agency (LEA).

2. Division Code (*Graduating*) and School Code (*Graduating*) submitted—*cannot be those of a Division-Level CTE Center, Regional CTE Center, Governor’s STEM Academy, or Governor’s Health Sciences Academy.* Students may finish but do not receive a high school diploma from a Division-Level CTE Center, Regional CTE Center, Governor’s STEM Academy, or Governor’s Health Sciences Academy.

3. Career Pathway Code does not match the Career Pathway Codes for Completer Demographics Report (CDR), located in Appendix K of this manual.

4. Completers can be classified as nontraditional only if they are of the nontraditional gender assigned to the state course code. The nontraditional genders are listed in Appendices A–I of this manual. The nontraditional finisher must be of the same gender listed.

5. Duplicates—*a student may be reported only once.* If the student completed two programs, report the career pathway that most clearly relates to the student’s primary career goal. However, if the completer is a nontraditional completer in one program and not the other, then the career pathway where the completer is *nontraditional* should be reported.

# Data Verification for Preliminary Completer Demographics Report (PCDR) and Secondary Student Career Cluster Enrollment Report (SSCCER):

Data for the PCDR and SSCCER are now part of the Superintendents Data Collection Application (SDCA). As a result of this addition, the approval process for these collections has changed. CTE administrators will now need to follow the steps below in order to verify their reports and submit them to their superintendents for approval.

1. CTE Local Approver for the division must be assigned by the local SSWS Administrator.
2. From the SSWS Menu, select Career and Technical Education Reports (CTE).
3. Select Local Approval.
4. Under Local Approval, review both the SSCCER and PCDR reports.
5. If the reports are correct, select Approve and submit at the bottom of the page.

Both the SSCCER and PCDR must be reviewed under the same CTE Local Approver Application. In order for the CTE Local Approver Application to be available, the division must have submitted its Student Record Collection through the first level approver for that data collection.

This “gatekeeper” will approve the first level of the data and send it to the CTE Local Approver via the SDCA for approval of the CTE components. Once the CTE Local Approver validates the data and approves it following the steps outlined above, the Student Record Collection approver will send the finalized report to the superintendent for approval.

# CTE Program Completer Student Follow-Up

## General Information

The 2024 CTE Program Completer Follow-Up of the 2022-2023 program completers begins **March 30, 2024**. The CTE administrator submits the follow-up data electronically to the Center for Survey Research Demographics Research Group at the University of Virginia’s Weldon Cooper Center for Public Service at [ctefollowup.cooper.virginia.edu](http://ctefollowup.cooper.virginia.edu/) by **July 31, 2024**.

The current CTE Program Completer Follow-Up Survey has a maximum of 16 questions and takes approximately 10-15 minutes to complete.

## Instructions for Completion

Federal reporting guidelines of the Strengthening Career and Technical Education for the 21st Century Act (Perkins V) call for a follow-up survey of all CTE program completers 9 to 12 months after graduation. The survey measures the completers’ transition rates to further education and/or employment and satisfaction with the preparation they received in their CTE programs. A minimum 75 percent response rate is required for each school division.

The Office of Career, Technical, and Adult Education posts for each school division a list of CTE program completers to be surveyed and provides survey materials. An individual listed as a completer on the 2022-2023 Final Completer Demographics Report (CDR) is considered by the state to be a program completer (data for this report is derived from information on the division’s EOY and Summer SRC reports). Divisions are requested to verify the accuracy of this report; therefore, the number of individuals listed as program completers on this report will be used to calculate the response rate for the division.

The Center for Survey Research at the University of Virginia’s Weldon Cooper Center for Public Service manages the program completer survey website. Technical questions should be directed to The Center for Survey Research staff at [CTEcompleters@virginia.edu](mailto:CTEcompleters@virginia.edu). A copy of the Career and Technical Education Follow-Up Survey Guide may be downloaded from [ctefollowup.cooper.virginia.edu](http://ctefollowup.cooper.virginia.edu/).

# CTE Credential Collection (CTECC)

## Instructions for Completion

The Career and Technical Education Credential Collection (CTECC) is the data collection application that allows CTE administrators to report industry credentialing for students participating in all high school CTE classes providing external testing. The data submission and report are due by **July 31, 2024**.

This is a required annual report that should be completed for students who participated in a CTE program anytime during the school year. This report must be submitted online, using a text file submitted though the Single Sign-on for Web Systems (SSWS).

## Student “B” Record

Please see the example format for Student “B” Record for size and position of all data fields as noted on Page 24 below.

## School Division Data Collection/Submission Process

1. A data collection process must be developed for all CTE classes involved with external testing (credentialing).

**NOTE:** The regional technical centers or the school division’s technical center student credentialing data should be reported with the “home or feeder” school data.

1. Data should be **collected** locally using a student information database (as the collection tool) for credentialing in CTE courses in each school division. Fields in the database must conform to the prescribed SSWS data collection “field” format. If a school division already uses a database established for external test collection and tracking, data fields can be extracted and conformed to the specified data record format required for submission to SSWS.
2. The database file of credentials (students externally tested) must be extracted and saved to a tab-delimited file format before transmission/submission to SSWS. **WARNING**: Files will not be accepted by the system software unless they are in tab-delimited file format.
3. Data must be submitted to the SSWS CTECC System as a “one time” transmission/submission event during the “collection window” of **May 20, 2024, to July 31, 2024**. While multiple submissions of external testing data are allowed, any file resubmission to the data collection system **will replace** the previous submission.
4. If the submitted SSWS data file is not accepted by SSWS software, indicated data or file errors must be corrected in the SSWS data file and resubmitted.
5. If the data file is accepted by SSWS, any coding mistakes in “B” student data records (incorrect SCED codes or examination numbers, etc.) that are discovered by your review must be corrected and the data file resubmitted. **A resubmission will replace the previously submitted SSWS data file.**
6. Once a submitted data file is accepted by SSWS without data mistakes, school divisions may select various summary reports (generated from the data submitted) to verify its local credentialing records for the school year. The collected credential information will display School Quality Profile data, pass/fail percentages by specific credential, and specific credentials achieved by the school division and individual schools as well as specific credentials used by CTE courses. The report page includes:

* CTE Completer Industry Testing Rates—CTE Completer Industry Testing Rates
* Credentialing Student Data By CTE Course—Credentialing Student Data By CTE Course
* School Quality Profile for Industry Credentials Earned and Occupational Assessments Passed by Students—Total students attained by state, industry, and occupational breakout
* Student Industry Credential Attained by Program Area—Total number of students receiving each industry credential for a given school year
* Student Pass Percentage Snapshot for a Year—Information about the total students attempting and passing each credential examination for a given year
* Student Pass Percentage Snapshot per Credential—Information about the total students attempting and passing each credential examination

1. **Corrections in external testing data cannot be made once the collection window is closed.**
2. The SSWS Credentialing Data Collection System will **automatically transmit** relevant data to the Virginia School Quality Profiles by September 30, 2024.

**NOTE:** Upon verification by the school division, the *Workplace Readiness Skills for the Commonwealth Examination* results will be reported directly to the VDOE from CTECS and included in all reports.

## CTECC File Format for 2023-2024 — ASCII Text

“A” and “B” Records for SSWS Application: Career and Technical Education Credential Collection (CTECC)

| **CTECC FILE HEADER FORMAT** |
| --- |
| **SenderID=**<three-digitDivision Number of division submitting file (leading zero must be included, e.g., 001)> |
| **CreateDate**=<current date in mm/dd/yyyy format> |
| **CreateTime=**<current time in hh:mm:ss format> |
| **EMAIL=**<sender’s email address> |
| **~~** |
| **DATATYPE=CTECC** |
| **~** |

**“A” RECORD—FIXED LENGTH**

| **Field Length** | **Field Name** | **Contents** |
| --- | --- | --- |
| 1 | Record Type | Constant=A |
| 4 | Beginning School Year | Four-digit year for beginning of school: Use = 2023 |
| 3 | Division Number | Leading zero(s) must be included (e.g., 005) |

**“B” RECORD—TAB DELIMITED (47 COLUMNS)**

| **Field Length** | **Field Name** | **Contents** |
| --- | --- | --- |
| 1 | Record Type | Constant=B |
| 4 | School Number | Selection from list of Virginia school numbers (e.g., 0123) |
| 10 | Unique Student Identifier | State Testing ID as assigned through EIMS |
| 5 | State Career and Technical Education (CTE) SCED Code | Selection from list of SCED Codes as shown in the SCED Course Crosswalk spreadsheet |
| 9 | State Career and Technical Education (CTE) VA Extended Course Description | Selection from list of VA Extended Course Descriptions as shown in the SCED Course Crosswalk spreadsheet |
| 4 | Examination Number for Specific Credential | Selection from list of CTE Credentialing Examination Codes |
| 4 | Examination Result for Student Being Reported | PASS for passed examination  FAIL for failed examination |
| 10 | Examination Cost | Show actual cost of examination to student or school division  Amount must be 0.00 or greater |

**RECORD COUNT**

(A sample would look like this: RECORDCOUNT=1256.)

| **Row** | **Required Text** | **Contents** |
| --- | --- | --- |
| last | RECORDCOUNT= | The number of A and B records in this file. |

# Final Completer Demographics Report (CDR)

## Instructions for Completion

The Final Completer Demographics Report (CDR) is used to analyze program completer data by gender, ethnicity, special populations, and technical competency attainment. It is a source of data used in student demographic analysis and for completing many federal, state, and local reports for funding allocation.

The required data elements for the Final CDR will be collected through the Summer SRC in the manner of the Preliminary CDR. CTE administrators must work with the division’s technology office to ensure that the data submitted to the VDOE is accurate and complete.

### Phase I. Collect Data

The Summer SRC is electronically submitted to the VDOE. This file is submitted by the school division IT/data-management staff, *not* the CTE administrator. However, the CTE administrator or a designee should verify the accuracy of the report. For a list of some of the field descriptions, see Pages 17­18.

### Phase II. Verify Data

Once submitted, the administrator will review the Graduates Verification Report for errors. If errors exist, the SRC must be resubmitted to eliminate the errors. If no errors exist, the CTE administrator or assigned CTE Local Approver will approve the data through the Superintendents Data Collection Application (SDCA). The Student Record Collection approver will then send the final report to the superintendent for signature through the SDCA.

## Instructions for CTE Administrators

Though the focus of this report is on CTE completers, all students who have finished an approved CTE sequence of courses should be reported. The Final CDR will automatically merge the graduation code with the finisher code to determine completers.

Refer to the [CTE Resource Center](https://www.cteresource.org/) course frameworks determine whether a student has finished the CTE requirement for completion.

### Students Who Complete More Than One Program

Count each finisher only once, regardless of the number of programs that a student has completed. If the student completes more than one program, choose the program that best represents the student’s primary career goal.

### Regional CTE Center, Governor’s STEM Academy, and Governor’s Health Sciences Academy Information

NOTE: Students who complete a CTE program at a Regional CTE Center, Governor’s STEM Academy, or Governor’s Health Sciences Academy will be reported to the VDOE in the EOY Report by the “Responsible Division” where the students are enrolled**.** *Regional CTE Centers, Governor’s STEM Academies, and Governor’s Health Sciences Academies do not submit data directly to the VDOE, but as “CTE serving schools,” they should verify that data is correctly reported by the “Responsible Division” to the VDOE.*It is critical that finishers be accurately reported to ensure that the center or academy is appropriately assigned with the completers for the CTE Student Follow-Up Survey.

WARNING: If finishers for the centers or academies are not reported accurately, then the Responsible Division must complete the CTE Student Follow-Up Survey for those completers.

# Appendices

[Appendix A:](#Appendix_A) Agricultural Education Course Information

[Appendix B:](#Appendix_B) Business and Information Technology Course Information

[Appendix C:](#Appendix_B) Career Connections (Including Special Programs) Course Information

[Appendix D:](#Appendix_D) Family and Consumer Sciences Course Information

[Appendix E:](#Appendix_E) Health and Medical Sciences Course Information

[Appendix F:](#Appendix_F) Marketing Course Information

[Appendix G:](#Appendix_G) Military Science Course Information

[Appendix H:](#Appendix_H) Technology and Engineering Education Course Information

[Appendix I:](#Appendix_I) Trade and Industrial Education Course Information

[Appendix J:](#Appendix_J) CTE Finisher Codes

[Appendix K:](#Appendix_K) Career Pathway Codes

[Appendix L:](#Appendix_K) CTE Career Cluster Codes and Descriptions

[Appendix M:](#Appendix_M) Graduate/Other Completer Codes (Code for Diploma Type)

[Appendix N:](#Appendix_N) School Division Codes

Note: In Appendices A–I, the VA Extended Description Code is used to distinguish between two or more classes within the same SCED Course Code where the SCED does not delineate.

## Appendix A: Agricultural Education Course Information

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | Std Credit(s) | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18201 | I | 8022 | Agricultural Business Fundamentals I | 140 | 1 |  | 36 | F |
| 18201 | III | 8026 | Agricultural Business Management III | 140 | 1 |  | 36 | F |
| 18201 | II | 8024 | Agricultural Business Operations II | 140 | 1 |  | 36 | F |
| 18003 | I | 8053 | Agricultural Education - Development | 140 | 1 | 10 | 36 | F |
| 18003 | II | 8050 | Agricultural Education - Preparation | 140 | 1 | 15 | 36 | F |
| 18404 |  | 8019 | Agricultural Fabrication & Emerging Technologies | 140 | 1 | 20 | 36 | F |
| 18402 | I | 8018 | Agricultural Power Systems | 140 | 1 | 20 | 36 | F |
| 18402 | II | 8020 | Agricultural Power Systems, Advanced | 140 | 1 | 20 | 36 | F |
| 18301 | I | 8010 | Agricultural Production Technology | 140 | 1 | 20 | 36 | F |
| 18403 |  | 8017 | Agricultural Structural Systems | 140 | 1 | 20 | 36 | F |
| 18001 | 18A | 8001 | Agriscience & Technology | 70 | .5 |  | 18 | F |
| 18001 | 36 | 8004 | Agriscience & Technology | 140 | 1 |  | 36 | F |
| 18001 | II | 8005 | Agriscience Exploration |  |  |  | 9 | F |
| 18001 | III | 8003 | Agriscience Exploration |  |  |  | 18 | F |
| 18002 | I | 8072 | Applied Agricultural Concepts | 70 | .5 | 20 | 18 | F |
| 18002 | II | 8073 | Applied Agricultural Concepts | 140 | 1 | 20 | 36 | F |
| 18308 | I | 8086 | Biological Applications in Agriculture | 140 | 1 |  | 36 |  |
| 18308 | III | 8087 | Biotechnology Applications in Agriculture | 140 | 1 |  | 36 |  |
| 18308 | II | 8085 | Biotechnology Foundations in Agricultural and Environmental Science | 140 | 1 |  | 36 |  |
| 18502 | III | 8048 | Community Forestry and Tree Management | 140 | 1 | 20 | 36 | F |
| 18204 | I | 8074 | Cybersecurity in Food & Agriculture | 140 | 1 |  | 36 |  |
| 18204 | II | 8075 | Cybersecurity in Food & Agriculture, Advanced | 140 | 1 |  | 36 |  |
| 18003 | 18 | 8045 | Ecology and Environmental Management | 70 | .5 |  | 18 | F |
| 18003 | 36 | 8046 | Ecology and Environmental Management | 140 | 1 |  | 36 | F |
| 18104 | 18 | 8015 | Equine Science | 70 | .5 | 20 | 18 | F |
| 18104 | I | 8080 | Equine Science | 140 | 1 | 20 | 36 | F |
| 18104 | II | 8094 | Equine Science, Advanced | 140 | 1 | 20 | 36 | F |
| 18501 |  | 8041 | Fisheries & Wildlife Management | 140 | 1 | 20 | 36 | F |
| 18056 | I | 8055 | Floral Design I | 140 | 1 |  | 36 | F |
| 18056 | II | 8056 | Floral Design II | 140 | 1 |  | 36 | F |
| 18052 | II | 8038 | Floriculture | 140 | 1 | 20 | 36 |  |
| 18502 | I | 8042 | Forestry Management | 140 | 1 | 20 | 36 | F |
| 18502 | II | 8044 | Forestry Management, Advanced | 140 | 1 | 20 | 36 | F |
| 18001 | I | 8006 | Foundations of Agriculture, Food, & Natural Resources | 140 | 1 | 20 | 36 | F |
| 18052 | III | 8035 | Greenhouse Plant Production & Management | 140 | 1 | 20 | 36 | F |
| 18052 | I | 8034 | Horticulture Sciences | 140 | 1 | 20 | 36 | F |

## Appendix A: Agricultural Education Course Information (page 2)

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18001 | 6 | 8002 | Introduction to Agriscience |  |  |  | 6 | F |
| 18001 | 9 | 8009 | Introduction to Agriscience |  |  |  | 9 | F |
| 18001 | 12 | 8011 | Introduction to Agriscience |  |  |  | 12 | F |
| 18001 | 18 | 8013 | Introduction to Agriscience |  |  |  | 18 | F |
| 18101 |  | 8008 | Introduction to Animal Systems | 140 | 1 | 20 | 36 | F |
| 18504 |  | 8040 | Introduction to Natural Resources & Ecology Systems | 140 | 1 | 20 | 36 | F |
| 18051 |  | 8007 | Introduction to Plant Systems | 140 | 1 | 20 | 36 | F |
| 18401 |  | 8016 | Introduction to Power, Structural, and Technical Systems | 140 | 1 | 20 | 36 | F |
| 18054 | I | 8036 | Landscaping I | 140 | 1 | 20 | 36 | F |
| 18054 | II | 8039 | Landscaping II | 140 | 1 | 20 | 36 | F |
| 18301 | II | 8012 | Livestock Production Management | 140 | 1 | 20 | 36 | F |
| 18301 | III | 8014 | Operating the Farm Business | 140 | 1 | 20 | 36 | F |
| 18549 |  | 8043 | Outdoor Recreation, Parks, and Tourism Systems Management | 140 | 1 | 20 | 36 |  |
| 18102 | 18 | 8081 | Small Animal Care I | 70 | .5 | 20 | 18 | M |
| 18102 | 36 | 8083 | Small Animal Care I | 140 | 1 | 20 | 36 | M |
| 18102 | II | 8084 | Small Animal Care II | 140 | 1 | 20 | 36 | M |
| 20110 | 18 | 8021 | Small Engine Repair | 70 | .5 | 20 | 18 | F |
| 20110 | 36 | 8082 | Small Engine Repair | 140 | 1 | 20 | 36 | F |
| 18054 | III | 8051 | Turfgrass Management | 140 | 1 | 20 | 36 | F |
| 18054 | IV | 8054 | Turfgrass Management, Advanced | 140 | 1 | 20 | 36 | F |
| 18105 | I | 8088 | Veterinary Science I | 140 | 1 | 20 | 36 |  |
| 18105 | II | 8089 | Veterinary Science II | 140 | 1 | 20 | 36 |  |

## Appendix B: Business and Information Technology Course Information

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12104 | I | 6320 | Accounting | 140 | 1 |  | 36 |  |
| 12104 | II | 6321 | Accounting, Advanced | 140 | 1 |  | 36 |  |
| 12900 | 18 | 6745 | Business Individualized Program-Development | 140 | 1 | 10 | 18 |  |
| 12900 | 36 | 6746 | Business Individualized Program-Development | 140 | 1 | 10 | 36 |  |
| 12054 | 18 | 6132 | Business Law | 70 | .5 |  | 18 |  |
| 12054 | 36 | 6131 | Business Law | 140 | 1 |  | 36 |  |
| 12052 | 18 | 6136 | Business Management | 70 | .5 |  | 18 |  |
| 12052 | 36 | 6135 | Business Management | 140 | 1 |  | 36 |  |
| 10005 | I | 6614 | Computer Information Systems | 70 | .5 |  | 18 | F |
| 10005 | II | 6612 | Computer Information Systems | 140 | 1 |  | 36 | F |
| 10005 | III | 6615 | Computer Information Systems, Advanced | 70 | .5 |  | 18 | F |
| 10005 | IV | 6613 | Computer Information Systems, Advanced | 140 | 1 |  | 36 | F |
| 10109 | I | 6650 | Computer Network Software Operations | 140 | 1 |  | 36 | F |
| 10109 | II | 6651 | Computer Network Software Operations, Advanced | 140 | 1 |  | 36 | F |
| 10010 | 6 | 6606 | Computer Solutions |  |  |  | 6 |  |
| 10010 | 9 | 6607 | Computer Solutions |  |  |  | 9 |  |
| 10010 | 12 | 6608 | Computer Solutions |  |  |  | 12 |  |
| 10010 | 18 | 6609 | Computer Solutions |  |  |  | 18 |  |
| 10010 | 36 | 6610 | Computer Solutions | 140 | 1 |  | 36 |  |
| 10302 | I | 6302 | Cybersecurity Fundamentals | 140 | 1 |  | 36 | F |
| 10302 | II | 6304 | Cybersecurity Operations | 140 | 1 |  | 36 | F |
| 10302 | III | 6306 | Cybersecurity Operations, Advanced | 140 | 1 |  | 36 | F |
| 10052 |  | 6660 | Database Design and Management (Oracle) | 140 | 1 |  | 36 | F |
| 10053 |  | 6662 | Database Design and Management with PL/SQL (Oracle) | 140 | 1 |  | 36 | F |
| 10203 | I | 6632 | Design, Multimedia, and Web Technologies | 70 | .5 |  | 18 |  |
| 10203 | II | 6630 | Design, Multimedia, and Web Technologies | 140 | 1 |  | 36 |  |
| 10203 | III | 6633 | Design, Multimedia, and Web Technologies, Advanced | 70 | .5 |  | 18 |  |
| 10203 | IV | 6631 | Design, Multimedia, and Web Technologies, Advanced | 140 | 1 |  | 36 |  |
| 10004 | 18 | 6617 | Digital Applications | 70 | .5 |  | 18 |  |
| 10004 | 36 | 6611 | Digital Applications | 140 | 1 |  | 36 |  |
| 10900 | 18 | 6160 | Digital Technology Foundations |  |  |  | 18 | M |
| 10900 | 36 | 6161 | Digital Technology Foundations | 140 | 1 |  | 36 | M |

## Appendix B: Business and Information Technology Course Information (Page 2)

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 19262 | I | 6120 | Economics and Personal Finance | 140 | 1 |  | 36 |  |
| 12059 |  | IB6135 | IB Business Management | 140 | 1 |  | 36 |  |
| **10007** | **I** | **IB6613** | **IB Digital Society I** | **140** | **1** |  | **36** | **F** |
| **10007** | **II** | **IB6614** | **IB Digital Society II** | **140** | **1** |  | **36** | **F** |
| 10254 |  | 6670 | Information Technology (IT) Fundamentals | 140 | 1 |  | 36 | F |
| 10055 |  | 6661 | Java Programming (Oracle) | 140 | 1 |  | 36 | F |
| 12005 | 6 | 6147 | Keyboarding – Middle |  |  |  | 6 | M |
| 12005 | 9 | 6148 | Keyboarding – Middle |  |  |  | 9 | M |
| 12005 | 12 | 6149 | Keyboarding – Middle |  |  |  | 12 | M |
| 12005 | 18 | 6150 | Keyboarding – Middle |  |  |  | 18 | M |
| 12008 | 18 | 6736 | Legal Administration | 70 | .5 |  | 18 | M |
| 12008 | 36 | 6735 | Legal Administration | 140 | 1 |  | 36 | M |
| 14153 | 18 | 6731 | Medical Administration | 140 | 1 |  | 18 | M |
| 14153 | 36 | 6730 | Medical Administration | 140 | 1 |  | 36 | M |
| 12003 | 18 | 6622 | Office Administration | 70 | .5 |  | 18 | M |
| 12003 | 36 | 6621 | Office Administration | 140 | 1 |  | 36 | M |
| 12004 | I | 6740 | Office Specialist I-Preparation | 140 | 1 | 15 | 36 | M |
| 12004 | II | 6741 | Office Specialist II-Preparation | 140 | 1 | 15 | 36 | M |
| 12004 | III | 6742 | Office Specialist III-Preparation | 140 | 1 | 15 | 36 | M |
| 19262 | II | 6121 | Personal Finance | 70 | .5 |  | 18 |  |
| 12051 | 18 | 6116 | Principles of Business and Marketing | 70 | .5 |  | 18 |  |
| 12051 | 36 | 6115 | Principles of Business and Marketing | 140 | 1 |  | 36 |  |
| 10152 | I | 6640 | Programming | 140 | 1 |  | 36 | F |
| 10152 | II | 6641 | Programming, Advanced | 140 | 1 |  | 36 | F |

## Appendix C: Career Connections (Including Special Programs) Course Information

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22515 | 36 | 9066 | Career Explorations | 140 | 1 |  | 36 |  |
| 19258 | 9 | 9068 | Career Investigations |  |  |  | 9 |  |
| 19258 | 18 | 9069 | Career Investigations |  |  |  | 18 |  |
| 19258 | 36 | 9070 | Career Investigations |  |  |  | 36 |  |
| 22250 | 18 | 9074 | Career Strategies | 70 | .5 |  | 18 |  |
| 22250 | 36 | 9071 | Career Strategies | 140 | 1 |  | 36 |  |
| 22901 | 6 | 9030 | Education for Employment – Exploratory Development |  |  | 10 | 6 |  |
| 22901 | 9 | 9031 | Education for Employment – Exploratory Development |  |  | 10 | 9 |  |
| 22901 | 12 | 9032 | Education for Employment – Exploratory Development |  |  | 10 | 12 |  |
| 22901 | 18 | 9082 | Education for Employment – Exploratory Development |  |  | 10 | 18 |  |
| 22901 | 36 | 9083 | Education for Employment – Exploratory Development |  |  | 10 | 36 |  |
| 22901 | I | 9084 | Education for Employment I – Development | 70 | .5 | 10 | 18 |  |
| 22901 | II | 9085 | Education for Employment I – Development | 140 | 1 | 10 | 36 |  |
| 22902 | 18 | 9079 | Education for Employment II – Preparation | 70 | .5 | 15 | 18 |  |
| 22902 | 36 | 9080 | Education for Employment II – Preparation | 140 | 1 | 15 | 36 |  |
| 22153 | 18 | 9077 | Education for Employment I – Preparation | 70 | .5 | 15 | 18 |  |
| 22153 | 36 | 9078 | Education for Employment I – Preparation | 140 | 1 | 15 | 36 |  |
| 22900 | 6 | 9020 | Education for Employment – Exploratory Preparation |  |  | 15 | 6 |  |
| 22900 | 9 | 9021 | Education for Employment – Exploratory Preparation |  |  | 15 | 9 |  |
| 22900 | 12 | 9022 | Education for Employment – Exploratory Preparation |  |  | 15 | 12 |  |
| 22900 | 18 | 9075 | Education for Employment – Exploratory Preparation |  |  | 15 | 18 |  |
| 22900 | 36 | 9076 | Education for Employment – Exploratory Preparation |  |  | 15 | 36 |  |
| 22903 | 18 | 9086 | Education for Employment II – Development | 70 | .5 | 10 | 18 |  |
| 22903 | 36 | 9087 | Education for Employment II – Development | 140 | 1 | 10 | 36 |  |
| 12053 | I | 9093 | Entrepreneurship | 140 | 1 |  | 36 | F |
| 12053 | II | 9094 | Entrepreneurship, Advanced | 140 | 1 |  | 36 | F |
| 22113 |  | IB9098 | IB Personal and Professional Skills (PPS) |  |  |  |  |  |

## Appendix C: Career Connections (Including Special Programs) Course Information (PAGE 2)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| 22101 |  | 9091 | Introduction to Leadership | 70 | .5 |  | 18 |  |
| 19199 | 18 | 9060 | Introduction to Virginia Teachers for Tomorrow | 70 | .5 |  | 18 | M |
| 19199 | 36 | 9061 | Introduction to Virginia Teachers for Tomorrow | 140 | 1 |  | 36 | M |
| **22151** | **MS** | **9040** | **Jobs for Virginia Graduates (JVG)** |  |  |  | **36** |  |
| **22151** | **I** | **9042** | **Jobs for Virginia Graduates (JVG)** | **140** | **1** |  | **36** |  |
| **22151** | **II** | **9043** | **Jobs for Virginia Graduates (JVG)** | **140** | **1** |  | **36** |  |
| **22151** | **III** | **9044** | **Jobs for Virginia Graduates (JVG)** | **140** | **1** |  | **36** |  |
| **22151** | **IV** | **9045** | **Jobs for Virginia Graduates (JVG)** | **140** | **1** |  | **36** |  |
| 22101 | 18 | 9096 | Leadership Development | 70 | .5 |  | 18 |  |
| 22101 | 36 | 9097 | Leadership Development | 140 | 1 |  | 36 |  |
| 19151 | I | 9062 | Virginia Teachers for Tomorrow I | 140 | 1 |  | 36 | M |
| 19151 | II | 9072 | Virginia Teachers for Tomorrow II | 140 | 1 |  | 36 | M |

## Appendix D: Family and Consumer Sciences Course Information

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16052 | III | 8279 | Baking and Pastry Specialization | 140 | 1 | 20 | 36 | F |
| 19299 | 18 | 8205 | Career, Community and Family Connections | 70 | .5 |  | 18 |  |
| 19299 | 36 | 8282 | Career, Community and Family Connections | 140 | 1 |  | 36 |  |
| 16052 | IV | 8272 | Catering/Banquet Specialization | 140 | 1 | 20 | 36 | F |
| 19255 | 18 | 8231 | Child Development and Parenting | 70 | .5 |  | 18 |  |
| 19255 | 36 | 8232 | Child Development and Parenting | 140 | 1 |  | 36 |  |
| 16052 | I | 8275 | Culinary Arts I | 280 | 2 | 20 | 36 | F |
| 16052 | II | 8276 | Culinary Arts II | 280 | 2 | 20 | 36 | F |
| 19299 | I | 8291 | Cybersecurity in Family and Consumer Sciences | 140 | 1 |  | 36 | F |
| 19299 | II | 8292 | Cybersecurity in Family and Consumer Sciences, Advanced | 140 | 1 |  | 36 | F |
| 19153 | I | 8285 | Early Childhood, Education, and Services I | 280 | 2 | 20 | 36 | M |
| 19153 | II | 8286 | Early Childhood, Education, and Services II | 280 | 2 | 20 | 36 | M |
| 19900 |  | 8222 | Family and Consumer Sciences – Development | 140 | 1 | 10 | 36 |  |
| 19901 |  | 8224 | Family and Consumer Sciences – Preparation | 140 | 1 | 15 | 36 |  |
| 19903 | 6 | 8204 | Family and Consumer Sciences Exploratory I |  |  |  | 6 |  |
| 19903 | 9 | 8206 | Family and Consumer Sciences Exploratory I |  |  |  | 9 |  |
| 19903 | 12 | 8207 | Family and Consumer Sciences Exploratory I |  |  |  | 12 |  |
| 19903 | 18 | 8208 | Family and Consumer Sciences Exploratory I |  |  |  | 18 |  |
| 19904 | 6 | 8260 | Family and Consumer Sciences Exploratory II |  |  |  | 6 |  |
| 19904 | 9 | 8261 | Family and Consumer Sciences Exploratory II |  |  |  | 9 |  |
| 19904 | 12 | 8262 | Family and Consumer Sciences Exploratory II |  |  |  | 12 |  |
| 19904 | 18 | 8263 | Family and Consumer Sciences Exploratory II |  |  |  | 18 |  |
| 19251 | 6 | 8241 | Family and Consumer Sciences Exploratory III |  |  |  | 6 |  |
| 19251 | 9 | 8242 | Family and Consumer Sciences Exploratory III |  |  |  | 9 |  |
| 19251 | 12 | 8243 | Family and Consumer Sciences Exploratory III |  |  |  | 12 |  |
| 19251 | 18 | 8244 | Family and Consumer Sciences Exploratory III |  |  |  | 18 |  |
| 19251 | 36 | 8245 | Family and Consumer Sciences Exploratory III |  |  |  | 36 |  |

## Appendix D: Family and Consumer Sciences Course Information (Page 2)

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 19999 | I | 8264 | Family and Human Services I | 280 | 2 |  | 36 |  |
| 19999 | II | 8265 | Family and Human Services II | 280 | 2 |  | 36 |  |
| 19259 | 18 | 8223 | Family Relations | 70 | .5 |  | 18 |  |
| 19259 | 36 | 8225 | Family Relations | 140 | 1 |  | 36 |  |
| 19201 | I | 8280 | Fashion Careers I | 280 | 2 |  | 36 |  |
| 19201 | II | 8281 | Fashion Careers II | 280 | 2 |  | 36 |  |
| 19254 |  | 8239 | Food Science and Dietetics | 140 | 1 | 20 | 36 | F |
| 19905 | 18 | 8277 | GRADS – Family Focus | 70 | .5 |  | 18 |  |
| 19905 | 36 | 8278 | GRADS – Family Focus | 140 | 1 |  | 36 |  |
| 19906 |  | 8213 | GRADS – Work Focus | 140 | 1 |  | 36 |  |
| 16999 | I | 8202 | Hospitality, Tourism, and Recreation I | 280 | 2 |  | 36 |  |
| 16999 | II | 8203 | Hospitality, Tourism, and Recreation II | 280 | 2 |  | 36 |  |
| 22904 | 18 | 8214 | Independent Living | 70 | .5 |  | 18 |  |
| 22904 | 36 | 8219 | Independent Living | 140 | 1 |  | 36 |  |
| 19260 | 18 | 8209 | Individual Development | 70 | .5 |  | 18 |  |
| 19260 | 36 | 8210 | Individual Development | 140 | 1 |  | 36 |  |
| 19263 | I | 8295 | Interior Design I | 280 | 2 |  | 36 |  |
| 19263 | II | 8296 | Interior Design II | 280 | 2 |  | 36 |  |
| 16051 | 18 | 8249 | Introduction to Culinary Arts | 70 | .5 | 20 | 18 | F |
| 16051 | 36 | 8250 | Introduction to Culinary Arts | 140 | 1 | 20 | 36 | F |
| 19153 | 18 | 8233 | Introduction to Early Childhood Education | 70 | .5 |  | 18 | M |
| 19153 | 36 | 8234 | Introduction to Early Childhood Education | 140 | 1 |  | 36 | M |
| 19001 | 18 | 8237 | Introduction to Family and Human Services | 70 | .5 |  | 18 |  |
| 19001 | 36 | 8238 | Introduction to Family and Human Services | 140 | 1 |  | 36 |  |
| 19201 | 18 | 8247 | Introduction to Fashion Careers | 70 | .5 |  | 18 |  |
| 19201 | 36 | 8248 | Introduction to Fashion Careers | 140 | 1 |  | 36 |  |
| 16001 | 18 | 8258 | Introduction to Hospitality, Tourism, and Recreation | 70 | .5 |  | 18 |  |
| 16001 | 36 | 8259 | Introduction to Hospitality, Tourism, and Recreation | 140 | 1 |  | 36 |  |
| 19263 | 18 | 8254 | Introduction to Interior Design | 70 | .5 |  | 18 |  |
| 19263 | 36 | 8255 | Introduction to Interior Design | 140 | 1 |  | 36 |  |
| 19257 | 18 | 8226 | Life Planning | 70 | .5 |  | 18 |  |
| 19257 | 36 | 8227 | Life Planning | 140 | 1 |  | 36 |  |
| 19253 | 18 | 8228 | Nutrition and Wellness | 70 | .5 |  | 18 | M |
| 19253 | 36 | 8229 | Nutrition and Wellness | 140 | 1 |  | 36 | M |

## Appendix D: Family and Consumer Sciences Course Information (Page 3)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| 16052 | V | 8273 | Quantity Food Specialization | 140 | 1 | 20 | 36 | F |
| 16052 | VI | 8274 | Restaurant Operation Specialization | 140 | 1 | 20 | 36 | F |

## Appendix E: Health and Medical Sciences Course Information

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14255 |  | 8382 | Biomedical Innovation (PLTW) | 140 | 1 |  | 36 | F |
| 14900 |  | 8347 | Biomedical Technician | 140 | 1 |  | 36 | M |
| 14252 |  | 8344 | Biotechnology Foundations in Health & Medical Sciences | 140 | 1 |  | 36 |  |
| 14054 | I | 8328 | Dental Careers I | 280 | 2 | 20 | 36 | M |
| 14054 | II | 8329 | Dental Careers II | 280 | 2 | 20 | 36 | M |
| 14055 | IV | 8336 | Emergency Medical Responder | 140 | 1 |  | 36 |  |
| 14055 | I | 8333 | Emergency Medical Technician I | 140 | 1 |  | 36 |  |
| 14055 | II | 8334 | Emergency Medical Technician II | 140 | 1 |  | 36 |  |
| 14055 | III | 8335 | Emergency Medical Technician III | 140 | 1 |  | 36 |  |
| 14055 | V | 8337 | Emergency Medical Telecommunications | 140 | 1 |  | 36 |  |
| 14001 | 9 | 8369 | Health & Medical Sciences Exploratory |  |  |  | 9 |  |
| 14001 | 18 | 8370 | Health & Medical Sciences Exploratory |  |  |  | 18 |  |
| 14001 | 36 | 8371 | Health & Medical Sciences Exploratory |  |  |  | 36 |  |
| 14002 | I | 8331 | Health Assisting Careers | 140 | 1 |  | 36 | M |
| 14157 | I | 8338 | Health Informatics | 140 | 1 |  | 36 | F |
| 14157 | II | 8339 | Healthcare Information Security | 140 | 1 |  | 36 | F |
| 14053 |  | 8364 | Home Health Aide | 140 | 1 |  | 36 | M |
| 14251 |  | 8380 | Human Body Systems (PLTW) | 140 | 1 |  | 36 |  |
| 14001 | I | 8301 | Introduction to Health & Medical Sciences | 70 | .5 |  | 18 |  |
| 14001 | II | 8302 | Introduction to Health & Medical Sciences | 140 | 1 |  | 36 |  |
| 14299 |  | 8354 | Introduction to Mortuary Science | 140 | 1 | 20 | 36 | F |
| 14199 |  | 8390 | Introduction to Nutrition for Health and Medical Sciences | 70 | .5 |  | 18 | M |
| 14151 | I | 8345 | Medical Assistant I | 280 | 2 |  | 36 | M |
| 14151 | II | 8346 | Medical Assistant II | 280 | 2 |  | 36 | M |
| 14151 | III | 8388 | Medical Coding and Billing I | 140 | 1 |  | 36 | M |
| 14151 | IV | 8389 | Medical Coding and Billing II | 140 | 1 |  | 36 | M |
| 14063 |  | 8381 | Medical Interventions (PLTW) | 140 | 1 |  | 36 | M |
| 14102 | I | 8377 | Medical Laboratory Technology I | 140 | 1 |  | 36 | M |
| 14102 | II | 8378 | Medical Laboratory Technology II | 140 | 1 |  | 36 | M |
| 14154 | I | 8384 | Medical Terminology | 70 | .5 |  | 18 |  |
| 14154 | II | 8383 | Medical Terminology | 140 | 1 |  | 36 |  |
| 14051 | 18 | 8368 | Medication Aide | 140 | 1 |  | 18 | M |
| 14002 | II | 8332 | Mental Health Assisting Careers | 280 | 2 |  | 36 | M |
| **14051** | **I** | **8360** | **Nurse Aide I** | **280** | **2** |  | **36** | **M** |
| **14051** | **I-A** | **8355** | **Nurse Aide I Condensed** | **140** | **1** |  | **36** | **M** |

## Appendix E: Health and Medical Sciences Course Information (page 2)

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **14051** | **II** | **8362** | **Nurse Aide II** | **280** | **2** |  | **36** | **M** |
| **14051** | **II-A** | **8356** | **Nurse Aide II Condensed** | **140** | **1** |  | **36** | **M** |
| 14051 | III | 8303 | Patient Care Technician | 140 | 1 |  | 36 | M |
| 14152 | I | 8305 | Pharmacy Technician I | 140 | 1 |  | 36 | M |
| 14152 | II | 8306 | Pharmacy Technician II | 280 | 2 |  | 36 | M |
| 14060 | I | 8365 | Physical/Occupational Therapy I | 280 | 2 |  | 36 |  |
| 14060 | II | 8366 | Physical/Occupational Therapy II | 280 | 2 |  | 36 |  |
| **14052** | **I** | **8357** | **Practical Nursing I** | **280** | **2** |  | **18** | **M** |
| **14052** | **II** | **8358** | **Practical Nursing II** | **280** | **2** |  | **18** | **M** |
| **14052** | **III** | **8359** | **Practical Nursing III** | **420** | **3** |  | **36** | **M** |
| 14254 |  | 8379 | Principles of the Biomedical Sciences (PLTW) | 140 | 1 |  | 36 |  |
| 14105 | I | 8375 | Radiologic Technology I | 140 | 1 |  | 36 |  |
| 14105 | II | 8376 | Radiologic Technology II | 140 | 1 |  | 36 |  |
| 14061 | I | 8372 | Respiratory Therapy I | 140 | 1 |  | 36 |  |
| 14061 | II | 8373 | Respiratory Therapy II | 140 | 1 |  | 36 |  |
| 14062 | I | 7660 | Sports Medicine/Athletic Training I | 280 | 2 |  | 36 |  |
| 14062 | II | 7662 | Sports Medicine/Athletic Training II | 280 | 2 |  | 36 |  |
| 14062 | I-A | 8316 | Sports Medicine/Athletic Training I Condensed | 140 | 1 |  | 36 |  |
| 14062 | II-A | 8317 | Sports Medicine/Athletic Training II Condensed | 140 | 1 |  | 36 |  |
| **14201** | **I** | **8367** | **Sterile Processing Technician I** | **140** | **1** |  | **36** | **M** |
| **14201** | **II** | **8391** | **Sterile Processing Technician II** | **280** | **2** |  | **36** | **M** |
| 14056 | I | 8351 | Surgical Technologist I | 420 | 3 |  | 36 | M |
| 14056 | II | 8352 | Surgical Technologist II | 420 | 3 |  | 36 | M |
| 14057 | I | 8397 | Vision Care Technician I | 140 | 1 |  | 36 |  |
| 14057 | II | 8398 | Vision Care Technician II | 140 | 1 |  | 36 |  |

## Appendix F: Marketing Course Information

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12167 | I | 8126 | Cybersecurity in Marketing | 140 | 1 |  | 36 | F |
| 12167 | II | 8127 | Cybersecurity in Marketing, Advanced | 140 | 1 |  | 36 | F |
| 12162 |  | 8125 | Digital and Social Media Marketing | 140 | 1 |  | 36 |  |
| 12153 | I | 8140 | Fashion Marketing | 140 | 1 |  | 36 |  |
| 12153 | II | 8145 | Fashion Marketing, Advanced | 140 | 1 |  | 36 |  |
| 12159 |  | 8159 | Lodging Management | 140 | 1 |  | 36 | M |
| 12151 | 6 | 8109 | Make It Your Business |  |  |  | 6 |  |
| 12151 | 9 | 8112 | Make It Your Business |  |  |  | 9 |  |
| 12151 | 12 | 8113 | Make It Your Business |  |  |  | 12 |  |
| 12151 | 18 | 8114 | Make It Your Business |  |  |  | 18 |  |
| 12164 |  | 8120 | Marketing | 140 | 1 |  | 36 |  |
| 12160 | 18 | 8111 | Marketing Exploration | 70 | .5 |  | 18 |  |
| 12160 | 36 | 8110 | Marketing Exploration | 140 | 1 |  | 36 |  |
| 12166 |  | 8132 | Marketing Management | 140 | 1 |  | 36 |  |
| 12056 | I | 8135 | Opportunities in Global Trade | 140 | 1 |  | 36 |  |
| 12056 | II | 8136 | Opportunities in Global Trade, Advanced | 140 | 1 |  | 36 |  |
| 12154 |  | 8191 | Real Estate | 140 | 1 |  | 36 |  |
| 12163 | II | 8177 | Sports and Entertainment Management | 140 | 1 |  | 36 |  |
| 12163 | I | 8175 | Sports and Entertainment Marketing | 140 | 1 |  | 36 |  |
| 12152 |  | 8130 | Strategic Marketing | 140 | 1 |  | 36 |  |
| 16151 |  | 8139 | Travel and Tourism Marketing | 140 | 1 |  | 36 | M |
| 16152 |  | 8169 | Travel, Tourism, and Destination Marketing | 140 | 1 |  | 36 | M |

## Appendix G: MILITARY SCIENCE Course Information

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 09151 |  | AF7913 | Air Force JROTC I | 140 | 1 |  | 36 | F |
| 09152 |  | AF7916 | Air Force JROTC II | 140 | 1 |  | 36 | F |
| 09153 |  | AF7918 | Air Force JROTC III | 140 | 1 |  | 36 | F |
| 09154 |  | AF7919 | Air Force JROTC IV | 140 | 1 |  | 36 | F |
| 09051 |  | AR7913 | Army JROTC I | 140 | 1 |  | 36 | F |
| 09052 |  | AR7916 | Army JROTC II | 140 | 1 |  | 36 | F |
| 09053 |  | AR7918 | Army JROTC III | 140 | 1 |  | 36 | F |
| 09054 |  | AR7919 | Army JROTC IV | 140 | 1 |  | 36 | F |
| 09900 |  | 7900 | Cadet Leadership | 140 | 1 |  | 36 | F |
| 09201 |  | MC7913 | Marine Corps JROTC I | 140 | 1 |  | 36 | F |
| 09202 |  | MC7916 | Marine Corps JROTC II | 140 | 1 |  | 36 | F |
| 09203 |  | MC7918 | Marine Corps JROTC III | 140 | 1 |  | 36 | F |
| 09204 |  | MC7919 | Marine Corps JROTC IV | 140 | 1 |  | 36 | F |
| 09101 |  | NA7913 | Navy JROTC I | 140 | 1 |  | 36 | F |
| 09102 |  | NA7916 | Navy JROTC II | 140 | 1 |  | 36 | F |
| 09103 |  | NA7918 | Navy JROTC III | 140 | 1 |  | 36 | F |
| 09104 |  | NA7919 | Navy JROTC IV | 140 | 1 |  | 36 | F |
| 09901 |  | SF7913 | Space Force JROTC I | 140 | 1 |  | 36 | F |
| 00902 |  | SF7916 | Space Force JROTC II | 140 | 1 |  | 36 | F |
| 09903 |  | SF7918 | Space Force JROTC III | 140 | 1 |  | 36 | F |
| 09904 |  | SF7919 | Space Force JROTC IV | 140 | 1 |  | 36 | F |

## Appendix H: Technology AND ENGINEERING Education Course Information

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21149 |  | 8438 | Advanced Drawing & Design | 140 | 1 |  | 36 | F |
| 13002 | II | 8427 | Advanced Manufacturing Systems II | 140 | 1 | 20 | 36 | F |
| 21019 |  | 8428 | Aerospace Engineering (PLTW) | 140 | 1 |  | 36 | F |
| 21055 | I | 8487 | Aerospace Technology I | 140 | 1 |  | 36 | F |
| 21055 | II | 8488 | Aerospace Technology II | 140 | 1 |  | 36 | F |
| 21015 | AC | AC8479 | App Creators (PLTW) |  |  |  | 9 | F |
| 21103 | 18 | 8492 | Architectural Drawing/Design | 70 | .5 |  | 18 | F |
| 21103 | 36 | 8437 | Architectural Drawing/Design | 140 | 1 |  | 36 | F |
| 21015 | AR | AR8476 | Automation and Robotics (PLTW) |  |  |  | 9 | F |
| 21049 |  | 8467 | Biomedical Engineering | 140 | 1 |  | 36 |  |
| 21999 |  | 8468 | Biotechnology Foundations in Technology Education | 140 | 1 |  | 36 |  |
| 21021 |  | 8430 | Civil Engineering and Architecture (PLTW) | 140 | 1 |  | 36 | F |
| 11002 | 18 | 8418 | Communication Systems | 70 | .5 |  | 18 |  |
| 11002 | 36 | 8415 | Communication Systems | 140 | 1 |  | 36 |  |
| 21022 |  | 8442 | Computer Integrated Manufacturing (PLTW) | 140 | 1 |  | 36 | F |
| 21015 | CS | CS8479 | Computer Science for Innovators and Makers (PLTW) |  |  |  | 9 | F |
| 17002 | 18 | 8432 | Construction Technology | 70 | .5 | 20 | 18 | F |
| 17002 | 36 | 8431 | Construction Technology | 140 | 1 | 20 | 36 | F |
| 13002 | III | 8499 | Cybersecurity in Manufacturing | 140 | 1 |  | 36 | F |
| 13002 | IV | 8496 | Cybersecurity in Manufacturing, Advanced | 140 | 1 |  | 36 | F |
| 21015 | DM | DM8476 | Design and Modeling (PLTW) |  |  |  | 9 | F |
| 21023 |  | 8440 | Digital Electronics (PLTW) | 140 | 1 |  | 36 | F |
| 11153 |  | 8459 | Digital Visualization | 140 | 1 |  | 36 | F |
| 17106 | 18 | 8417 | Electronics Systems I | 70 | .5 |  | 18 | F |
| 17106 | 36 | 8416 | Electronics Systems I | 140 | 1 |  | 36 | F |
| 17106 | II | 8412 | Electronics Systems II | 140 | 1 |  | 36 | F |
| 17106 | III | 8413 | Electronics Systems III | 140 | 1 |  | 36 | F |
| 20101 | 18 | 8495 | Energy and Power | 70 | .5 | 20 | 18 | F |
| 20101 | 36 | 8448 | Energy and Power | 140 | 1 | 20 | 36 | F |
| 21015 | EE | EE8479 | Energy and the Environment (PLTW) |  |  |  | 9 | F |
| 20901 | II | ED8411 | Energy Demand: Sustainability and Efficiency | 140 | 1 |  | 36 | F |
| 20903 | I | LC8411 | Energy Source Life Cycle | 140 | 1 |  | 36 | F |
| 20901 | I | ES8411 | Energy Supply: Sustainability and Efficiency | 140 | 1 |  | 36 | F |
| 20902 | II | TD8411 | Energy Transmission and Distribution, Advanced | 140 | 1 |  | 36 | F |

## Appendix H: Technology AND ENGINEERING Education Course Information (page 2)

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 20903 | II | EES8411 | Engineered Energy Systems | 140 | 1 |  | 36 | F |
| 21016 |  | 8451 | Engineering Analysis and Applications II | 140 | 1 |  | 36 | F |
| 10019 | I | 8449 | Engineering Computer Science | 140 | 1 |  | 36 |  |
| 21005 | II | 8452 | Engineering Concepts and Processes III | 140 | 1 |  | 36 | F |
| 21007 |  | 8443 | Engineering Design and Development (PLTW) | 140 | 1 |  | 36 | F |
| 21106 | 18 | 8493 | Engineering Drawing and Design | 70 | .5 |  | 18 | F |
| 21106 | 36 | 8436 | Engineering Drawing and Design | 140 | 1 |  | 36 | F |
| 21006 |  | 8906 | Engineering Essentials (PLTW) | 140 | 1 |  | 36 | F |
| 21005 | I | 8450 | Engineering Explorations I | 140 | 1 |  | 36 | F |
| 21047 |  | 8453 | Engineering Practicum IV | 140 | 1 |  | 36 | F |
| 21002 |  | 8491 | Engineering Studies | 140 | 1 | 20 | 36 | F |
| 05056 | III | 8489 | Entertainment Design and Technology | 140 | 1 | 20 | 36 |  |
| 21024 | 36 | 8911 | Environmental Sustainability (PLTW) | 140 | 1 |  | 36 | F |
| 21015 | FS | FS8479 | Flight and Space (PLTW) |  |  |  | 9 | F |
| 15055 |  | 8409 | Forensic Technology | 140 | 1 |  | 36 |  |
| 20904 | I | FP8411 | Fundamentals of Power Generation | 140 | 1 |  | 36 | F |
| 10205 | I | 8400 | Game Design and Development | 140 | 1 |  | 36 |  |
| 10205 | II | 8401 | Game Design and Development, Advanced | 140 | 1 |  | 36 |  |
| 21058 | I | 8423 | Geospatial Technology I | 140 | 1 |  | 36 | F |
| 21058 | II | 8424 | Geospatial Technology II | 140 | 1 |  | 36 | F |
| 20151 | I | 8419 | Global Logistics and Enterprise Systems I | 140 | 1 |  | 36 | F |
| 20151 | II | 8422 | Global Logistics and Enterprise Systems II | 140 | 1 |  | 36 | F |
| 11155 | 18 | 8494 | Graphic Communications Systems | 70 | .5 |  | 18 |  |
| 11155 | 36 | 8458 | Graphic Communications Systems | 140 | 1 |  | 36 |  |
| 21015 | GA | GA8479 | Green Architecture (PLTW) |  |  |  | 9 | F |
| 03206 | I | IB4585 | IB Design Technology I | 140 | 1 |  | 36 | F |
| 03206 | II | IB4586 | IB Design Technology II | 140 | 1 |  | 36 | F |
| 11054 | 18 | 8474 | Imaging Technology | 70 | .5 |  | 18 |  |
| 11054 | 36 | 8455 | Imaging Technology | 140 | 1 |  | 36 |  |
| 20902 | I | IT8411 | Introduction to Energy Transmission and Distribution | 140 | 1 |  | 36 | F |
| 21017 |  | 8439 | Introduction to Engineering Design (PLTW) | 140 | 1 |  | 36 | F |
| 21051 | 6 | 8480 | Introduction to Technology and Engineering |  |  |  | 6 |  |
| 21051 | 9 | 8481 | Introduction to Technology and Engineering |  |  |  | 9 |  |
| 21051 | 12 | 8484 | Introduction to Technology and Engineering |  |  |  | 12 |  |

## Appendix H: Technology AND ENGINEERING Education Course Information (page 3)

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21051 | 18 | 8482 | Introduction to Technology and Engineering |  |  |  | 18 |  |
| 21051 | 36 | 8483 | Introduction to Technology and Engineering |  |  |  | 36 |  |
| 21099 | 6 | 8456 | Inventions and Innovations |  |  |  | 6 |  |
| 21099 | 9 | 8454 | Inventions and Innovations |  |  |  | 9 |  |
| 21099 | 12 | 8485 | Inventions and Innovations |  |  |  | 12 |  |
| 21099 | 18 | 8464 | Inventions and Innovations |  |  |  | 18 |  |
| 21099 | 36 | 8461 | Inventions and Innovations |  |  |  | 36 |  |
| 21015 | ME | ME8479 | Magic of Electrons (PLTW) |  |  |  | 9 | F |
| 13002 | 18 | 8426 | Manufacturing Systems I | 70 | .5 | 20 | 18 | F |
| 13002 | 36 | 8425 | Manufacturing Systems I | 140 | 1 | 20 | 36 | F |
| 13052 | 18 | 8478 | Materials and Processes Technology | 70 | .5 | 20 | 18 | F |
| 13052 | 36 | 8433 | Materials and Processes Technology | 140 | 1 | 20 | 36 | F |
| 21015 | MD | MD8479 | Medical Detectives (PLTW) |  |  |  | 9 | F |
| 21015 |  | 8460 | Modeling & Simulation Technology | 140 | 1 |  | 36 | F |
| 20102 | 18 | 8444 | Power & Transportation | 70 | .5 | 20 | 18 | F |
| 20102 | 36 | 8445 | Power & Transportation | 140 | 1 | 20 | 36 | F |
| 20904 | II | PG8411 | Power Generation Design and Function | 140 | 1 |  | 36 | F |
| 21018 |  | 8441 | Principles of Engineering (PLTW) | 140 | 1 |  | 36 | F |
| 03153 | I | 9811 | Principles of Technology I | 140 | 1 |  | 36 |  |
| 03153 | II | 9812 | Principles of Technology II | 140 | 1 |  | 36 |  |
| 13101 | 18 | 8446 | Production Systems | 70 | .5 | 20 | 18 | F |
| 13101 | 36 | 8447 | Production Systems | 140 | 1 | 20 | 36 | F |
| 17105 |  | 8408 | Renewable Energy | 140 | 1 |  | 36 | F |
| 21015 | ST | ST8479 | Science of Technology (PLTW) |  |  |  | 9 | F |
| 10015 | I | 8473 | Software Engineering Essentials (PLTW) | 140 | 1 |  | 36 | F |
| 10015 | II | 8470 | Software Engineering (PLTW) | 140 | 1 |  | 36 | F |
| 21053 |  | 8414 | Sustainability and Renewable Technologies | 140 | 1 |  | 36 |  |
| 21101 | 18 | 8434 | Technical Drawing/Design | 70 | .5 |  | 18 | F |
| 21101 | 36 | 8435 | Technical Drawing/Design | 140 | 1 |  | 36 | F |
| 21001 | 6 | 8477 | Technological Systems |  |  |  | 6 | F |
| 21001 | 9 | 8457 | Technological Systems |  |  |  | 9 | F |
| 21001 | 12 | 8486 | Technological Systems |  |  |  | 12 | F |
| 21001 | 18 | 8463 | Technological Systems |  |  |  | 18 | F |
| 21001 | 36 | 8462 | Technological Systems |  |  |  | 36 | F |
| 21054 | 18 | 8406 | Technology Assessment | 70 | .5 |  | 18 | F |
| 21054 | 36 | 8407 | Technology Assessment | 140 | 1 |  | 36 | F |

## Appendix H: Technology AND ENGINEERING Education Course Information (page 4)

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21901 |  | 8410 | Technology Awareness | 140 | 1 |  | 36 |  |
| 13099 | I | 8471 | Technology Education--Development | 140 | 1 | 10 | 36 |  |
| 13099 | II | 8469 | Technology Education--Preparation | 140 | 1 | 15 | 36 |  |
| 21003 | 18 | 8402 | Technology Foundations | 70 | .5 |  | 18 |  |
| 21003 | 36 | 8403 | Technology Foundations | 140 | 1 |  | 36 |  |
| 21009 | 18 | 8420 | Technology of Robotic Design | 70 | .5 |  | 18 | F |
| 21009 | 36 | 8421 | Technology of Robotic Design | 140 | 1 |  | 36 | F |
| 21052 | 18 | 8404 | Technology Transfer | 70 | .5 |  | 18 | F |
| 21052 | 36 | 8405 | Technology Transfer | 140 | 1 |  | 36 | F |
| **20905** | **I** | **8910** | **Unmanned Aircraft Systems** | **140** | **1** |  | **36** | **F** |
| **20905** | **II** | **8912** | **Unmanned Aircraft Systems, Advanced** | **140** | **1** |  | **36** | **F** |
| 11055 |  | 8497 | Video and Media Technology | 140 | 1 |  | 36 | F |

## Appendix I: Trade and Industrial Education Course Information

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 05163 | I | 8570 | Advertising Design I | 140 | 1 |  | 36 |  |
| 05163 | II | 8571 | Advertising Design II | 280 | 2 |  | 36 |  |
| 20999 |  | 8734 | Air Traffic Controller | 280 | 2 | 20 | 36 | F |
| 20053 | I | 8731 | Aircraft Pilot Training I | 140 | 1 | 20 | 36 | F |
| 20053 | II | 8732 | Aircraft Pilot Training II | 280 | 2 | 20 | 36 | F |
| **05123** | **IA** | **8753** | **Audo Production and Recording I** | **140** | **1** |  | **36** |  |
| **05123** | **IIA** | **8754** | **Audo Production and Recording II** | **280** | **2** |  | **36** |  |
| 20117 | I | 8676 | Auto Body Technology I | 140 | 1 | 20 | 36 | F |
| 20117 | II | 8677 | Auto Body Technology II | 280 | 2 | 20 | 36 | F |
| 20117 | III | 8678 | Auto Body Technology III | 280 | 2 | 20 | 36 | F |
| 20104 | I | 8506 | Automotive Technology I | 280 | 2 | 20 | 36 | F |
| 20104 | IA | 8502 | Automotive Technology I (MLR 3-Year Program) | 140 | 1 | 20 | 36 | F |
| 20104 | II | 8507 | Automotive Technology II | 280 | 2 | 20 | 36 | F |
| 20104 | III | 8508 | Automotive Technology III | 280 | 2 | 20 | 36 | F |
| 20114 | I | 8728 | Aviation Maintenance Technology I | 280 | 2 | 20 | 36 | F |
| 20114 | II | 8729 | Aviation Maintenance Technology II | 280 | 2 | 20 | 36 | F |
| 20998 |  | 8730 | Aviation Operations Management | 280 | 2 |  | 36 | F |
| 20109 |  | 8724 | Basic Small Engine Repair | 140 | 1 | 20 | 36 |  |
| 19107 |  | 8546 | Beauty Salon Assistant | 140 | 1 |  | 36 | M |
| 16103 | I | 8590 | Building Management I | 140 | 1 | 20 | 36 | F |
| 16103 | II | 8591 | Building Management II | 280 | 2 | 20 | 36 | F |
| 16103 | III | 8592 | Building Management III | 280 | 2 | 20 | 36 | F |
| 17009 | I | 8515 | Building Trades I | 140 | 1 | 20 | 36 | F |
| 17009 | II | 8516 | Building Trades II | 280 | 2 | 20 | 36 | F |
| 17007 | I | 8604 | Cabinetmaking I | 140 | 1 | 20 | 36 | F |
| 17007 | II | 8605 | Cabinetmaking II | 280 | 2 | 20 | 36 | F |
| 17003 | I | 8601 | Carpentry I | 140 | 1 | 20 | 36 | F |
| 17003 | II | 8602 | Carpentry II | 280 | 2 | 20 | 36 | F |
| 17003 | III | 8603 | Carpentry III | 280 | 2 | 20 | 36 | F |
| 11052 | I | 8607 | Commercial Photography I | 140 | 1 |  | 36 |  |
| 11052 | II | 8608 | Commercial Photography II | 280 | 2 |  | 36 |  |
| 10101 | I | 8542 | Computer Networking Hardware Operations I | 70 | .5 |  | 18 | F |
| 10101 | II | 8543 | Computer Networking Hardware Operations II | 70 | .5 |  | 18 | F |
| 10101 | III | 8544 | Computer Networking Hardware Operations III | 70 | .5 |  | 18 | F |
| 10101 | IV | 8545 | Computer Networking Hardware Operations IV | 70 | .5 |  | 18 | F |

## Appendix I: Trade and Industrial Education Course Information (page 2)

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10002 | I | 8622 | Computer Systems Technology I | 140 | 1 |  | 36 | F |
| 10002 | II | 8623 | Computer Systems Technology II | 280 | 2 |  | 36 | F |
| 19101 | I | 8527 | Cosmetology I | 280 | 2 | 20 | 36 | M |
| 19101 | 2YI | 8745 | Cosmetology I (2 Year Program) | 420 | 3 | 20 | 36 | M |
| 19101 | II | 8528 | Cosmetology II | 280 | 2 | 20 | 36 | M |
| 19101 | 2YII | 8746 | Cosmetology II (2 Year Program) | 420 | 3 | 20 | 36 | M |
| 19101 | III | 8529 | Cosmetology III | 280 | 2 | 20 | 36 | M |
| 15051 | I | 8702 | Criminal Justice I | 140 | 1 |  | 36 | F |
| 15051 | II | 8703 | Criminal Justice II | 280 | 2 |  | 36 | F |
| 10108 |  | 8630 | Cybersecurity Network Systems | 140 | 1 |  | 36 | F |
| 10109 | III | 8628 | Cybersecurity Systems Technology | 140 | 1 |  | 36 | F |
| 10109 | IV | 8629 | Cybersecurity Systems Technology, Advanced | 280 | 2 |  | 36 | F |
| 20107 | I | 8613 | Diesel Equipment Technology I | 280 | 2 | 20 | 36 | F |
| 20107 | II | 8614 | Diesel Equipment Technology II | 280 | 2 | 20 | 36 | F |
| 20107 | III | 8615 | Diesel Equipment Technology III | 280 | 2 | 20 | 36 | F |
| **21102** | **I** | **8530** | **Drafting** | **140** | **1** |  | **36** | **F** |
| **21102** | **II** | **8531** | **Drafting: Mechanical** | **280** | **2** |  | **36** | **F** |
| **21102** | **III** | **8532** | **Drafting: Architectural** | **280** | **2** |  | **36** | **F** |
| **21102** | **IV** | **8562** | **Drafting, Advanced** | **280** | **2** |  | **36** | **F** |
| 17102 | I | 8533 | Electricity I | 140 | 1 | 20 | 36 | F |
| 17102 | II | 8534 | Electricity II | 280 | 2 | 20 | 36 | F |
| 17102 | III | 8535 | Electricity III | 280 | 2 | 20 | 36 | F |
| 17101 | I | 8547 | Electronics / Industrial Robotics Technology | 140 | 1 |  | 36 | F |
| 17101 | II | 8537 | Electronics Technology | 280 | 2 |  | 36 | F |
| 15152 | I | 8705 | Firefighting I | 280 | 2 | 20 | 36 | F |
| 15152 | II | 8706 | Firefighting II | 140 | 1 | 20 | 36 | F |
| 11154 | I | 8660 | Graphic Imaging Technology I | 140 | 1 | 20 | 36 | F |
| 11154 | II | 8661 | Graphic Imaging Technology II | 280 | 2 | 20 | 36 | F |
| 17056 | I | 8503 | Heating, Ventilation, Air Conditioning, and Refrigeration I | 140 | 1 | 20 | 36 | F |
| 17056 | II | 8504 | Heating, Ventilation, Air Conditioning, and Refrigeration II | 280 | 2 | 20 | 36 | F |
| 13203 | I | 8575 | Industrial Maintenance Technology I | 140 | 1 | 20 | 36 | F |
| 13203 | II | 8576 | Industrial Maintenance Technology II | 280 | 2 | 20 | 36 | F |
| 21009 |  | 8558 | Industrial Robotics Technology | 280 | 2 |  | 36 | F |
| 20111 | I | 8750 | Marine Service Technology I | 140 | 1 | 20 | 36 | F |
| 20111 | II | 8751 | Marine Service Technology II | 280 | 2 | 20 | 36 | F |

## Appendix I: Trade and Industrial Education Course Information (page 3)

| **SCED Code** | **VA Extended Description** | **Course Code/VA Assignment Code** | **Course Description** | **Hours** | **Std Credit(s)** | **Max Enroll** | **Length (Weeks)** | **Non-Trad Gender** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17008 | I | 8512 | Masonry I | 140 | 1 | 20 | 36 | F |
| 17008 | II | 8513 | Masonry II | 280 | 2 | 20 | 36 | F |
| 17008 | III | 8514 | Masonry III | 280 | 2 | 20 | 36 | F |
| 19002 | I | 8740 | Master Barber I | 280 | 2 | 20 | 36 |  |
| 19002 | 2YI | 8743 | Master Barber I (Two-year program) | 420 | 3 | 20 | 36 |  |
| 19002 | II | 8741 | Master Barber II | 280 | 2 | 20 | 36 |  |
| 19002 | 2YII | 8744 | Master Barber II (Two-year program) | 420 | 3 | 20 | 36 |  |
| 19002 | III | 8742 | Master Barber III | 280 | 2 | 20 | 36 |  |
| 13901 | I | 8554 | Mechatronics I | 140 | 1 |  | 36 |  |
| 13901 | II | 8555 | Mechatronics II | 140 | 1 |  | 36 |  |
| 13901 | III | 8556 | Mechatronics III | 140 | 1 |  | 36 |  |
| 20105 | I | 8509 | Motorsports Technology I | 140 | 1 | 20 | 36 | F |
| 20105 | II | 8510 | Motorsports Technology II | 280 | 2 | 20 | 36 | F |
| 20105 | III | 8511 | Motorsports Technology III | 280 | 2 | 20 | 36 | F |
| 19105 | I | 8692 | Nail Technician I | 140 | 1 |  | 36 | M |
| 19105 | II | 8693 | Nail Technician II | 280 | 2 |  | 36 | M |
| 17058 | I | 8551 | Plumbing I | 140 | 1 | 20 | 36 | F |
| 17058 | II | 8552 | Plumbing II | 280 | 2 | 20 | 36 | F |
| 13204 | I | 8539 | Precision Machining Technology I | 140 | 1 | 20 | 36 | F |
| 13204 | II | 8540 | Precision Machining Technology II | 280 | 2 | 20 | 36 | F |
| 15101 | I | 8700 | Public Safety I | 140 | 1 |  | 36 | F |
| 15101 | II | 8701 | Public Safety II | 280 | 2 |  | 36 | F |
| 11051 | I | 8640 | Radio Communications I | 140 | 1 |  | 36 | F |
| 11051 | II | 8641 | Radio Communications II | 280 | 2 |  | 36 | F |
| 13205 | I | 8663 | Sheet Metal I | 140 | 1 | 20 | 36 | F |
| 13205 | II | 8664 | Sheet Metal II | 280 | 2 | 20 | 36 | F |
| 20110 | I | 8725 | Small Engine Technology I | 140 | 1 | 20 | 36 | F |
| 20110 | II | 8726 | Small Engine Technology II | 280 | 2 | 20 | 36 | F |
| 10006 | I | 8650 | Telecommunications I | 140 | 1 | 20 | 36 | F |
| 10006 | II | 8651 | Telecommunications II | 280 | 2 | 20 | 36 | F |
| 11103 | I | 8688 | Television and Media Production I | 140 | 1 |  | 36 |  |
| 11103 | II | 8689 | Television and Media Production II | 280 | 2 |  | 36 |  |
| 11103 | III | 8690 | Television and Media Production III | 280 | 2 |  | 36 |  |
| 20052 | I | 8616 | Utility/Heavy Construction I | 140 | 1 | 20 | 36 | F |
| 20052 | II | 8617 | Utility/Heavy Construction II | 280 | 2 | 20 | 36 | F |
| 13207 | I | 8672 | Welding I | 140 | 1 | 20 | 36 | F |
| 13207 | II | 8673 | Welding II | 280 | 2 | 20 | 36 | F |
| 13207 | III | 8674 | Welding III | 280 | 2 | 20 | 36 | F |

## Appendix J: CTE Finisher Codes

| **Code** | **Description** |
| --- | --- |
| 1 | Student finished CTE requirements for completion |
| 3 | Student took at least one state-approved CTE course since grade 7 but has not finished CTE requirements for completion |
| 4 | Student has not taken any state-approved CTE courses since grade 7 |
| 5 | Student finished CTE requirements for completion **and** completion of a CTE dual enrollment course |
| 6 | Student has completed two state-approved CTE courses in a sequence but has not met the requirements for graduation |

## Appendix K: Career Pathway Codes and Descriptions

| **Code** | **Agriculture, Food and Natural Resources** |
| --- | --- |
| 0101 | Food Products and Processing Systems |
| 0102 | Plant Systems |
| 0103 | Animal Systems |
| 0104 | Power, Structural and Technical Systems |
| 0105 | Natural Resources Systems |
| 0106 | Environmental Service Systems |
| 0107 | Agribusiness Systems |

| **Code** | **Architecture and Construction** |
| --- | --- |
| 0201 | Design/Pre-Construction |
| 0202 | Construction |
| 0203 | Maintenance/Operations |

|  |  |
| --- | --- |
| **Code** | **Arts, Audio/Video Technology and Communications** |
| 0301 | Audio and Video Technology and Film |
| 0302 | Printing Technology |
| 0303 | Visual Arts |
| 0304 | Performing Arts |
| 0305 | Journalism and Broadcasting |
| 0306 | Telecommunications |

| **Code** | **Business Management and Administration** |
| --- | --- |
| 0401 | General Management |
| 0402 | Business Information Management |
| 0403 | Human Resources Management |
| 0404 | Operations Management |
| 0405 | Administrative Support |

| **Code** | **Education and Training** |
| --- | --- |
| 0501 | Administration and Administrative Support |
| 0502 | Professional Support Services |
| 0503 | Teaching/Training |

| **Code** | **Finance** |
| --- | --- |
| 0601 | Securities and Investments |
| 0602 | Business Finance |
| 0603 | Accounting |
| 0604 | Insurance |
| 0605 | Banking Services |

| **Code** | **Government and Public Administration** |
| --- | --- |
| 0701 | Governance |
| 0702 | National Security |
| 0703 | Foreign Service |
| 0704 | Planning |
| 0705 | Revenue and Taxation |
| 0706 | Regulation |
| 0707 | Public Management and Administration |

## Appendix K: Career Pathway Codes and Descriptions (Page 2)

| **Code** | **Health Science** |
| --- | --- |
| 0801 | Therapeutic Services |
| 0802 | Diagnostic Services |
| 0803 | Health Informatics |
| 0804 | Support Services |
| 0805 | Biotechnology Research and Development |

| **Code** | **Hospitality and Tourism** |
| --- | --- |
| 0901 | Restaurants and Food/Beverage Services |
| 0902 | Lodging |
| 0903 | Travel/Tourism |
| 0904 | Recreation, Amusements and Attractions |

| **Code** | **Human Services** |
| --- | --- |
| 1001 | Early Childhood Development and Services |
| 1002 | Counseling and Mental Health Services |
| 1003 | Family and Community Services |
| 1004 | Personal Care Services |
| 1005 | Consumer Services |

| **Code** | **Information Technology** |
| --- | --- |
| 1101 | Network Systems |
| 1102 | Information Support and Services |
| 1103 | Web and Digital Communications |
| 1104 | Programming and Software Development |

| **Code** | **Law, Public Safety, Corrections and Security** |
| --- | --- |
| 1201 | Correction Services |
| 1202 | Emergency and Fire Management Services |
| 1203 | Security and Protective Services |
| 1204 | Law Enforcement Services |
| 1205 | Legal Services |

| **Code** | **Manufacturing** |
| --- | --- |
| 1301 | Production |
| 1302 | Manufacturing Production Process Development |
| 1303 | Maintenance, Installation and Repair |
| 1304 | Quality Assurance |
| 1305 | Logistics and Inventory Control |
| 1306 | Health, Safety and Environmental Assurance |

| **Code** | **Marketing** |
| --- | --- |
| 1401 | Marketing Management |
| 1402 | Professional Sales |
| 1403 | Merchandising |
| 1404 | Marketing Communications |
| 1405 | Marketing Research |

## Appendix K: Career Pathway Codes and Descriptions (Page 3)

| **Code** | **Science, Technology, Engineering and Mathematics** |
| --- | --- |
| 1501 | Engineering and Technology |
| 1502 | Science and Mathematics |

| **Code** | **Transportation, Distribution and Logistics** |
| --- | --- |
| 1601 | Transportation Operations |
| 1602 | Logistics Planning and Management Services |
| 1603 | Warehousing and Distribution Center Operations |
| 1604 | Facility and Mobile Equipment Maintenance |
| 1605 | Transportation Systems/Infrastructure Planning, Management and Regulation |
| 1606 | Health, Safety and Environmental Management |
| 1607 | Sales and Service |

| **Code** | **Energy** |
| --- | --- |
| 1701 | Energy Efficiency |
| 1702 | Transmission, Distribution and Storage |
| 1703 | Fuels Production |
| 1704 | Power Generation |

## Appendix L: CTE Career Cluster Codes

| **CTE Career Cluster** | **Code** |
| --- | --- |
| Agriculture, Food and Natural Resources | 1 |
| Architecture and Construction | 2 |
| Arts, Audio/Video Technology and Communications | 3 |
| Business Management and Administration | 4 |
| Education and Training | 5 |
| Finance | 6 |
| Government and Public Administration | 7 |
| Health Science | 8 |
| Hospitality and Tourism | 9 |
| Human Services | 10 |
| Information Technology | 11 |
| Law, Public Safety, Corrections and Security | 12 |
| Manufacturing | 13 |
| Marketing | 14 |
| Science, Technology, Engineering and Mathematics (STEM) | 15 |
| Transportation, Distribution and Logistics | 16 |
| Energy | 17 |

## Appendix M: Graduate/Other Completer Codes

| **Graduate/ Other Completer Code** | **Graduate/Other Completer Code Description** | **Definition** |
| --- | --- | --- |
| 1 | Standard Diploma | Diploma awarded to a student who has earned the standard diploma units of credit prescribed by the Board of Education, passed the Standards of Learning (SOL) tests, and who meets such other requirements as may be prescribed by the local school board and approved by the Board of Education. |
| 2 | Advanced Studies Diploma | Diploma awarded to a student who has earned the advanced diploma units of credit prescribed by the Board of Education, passed the SOL tests, and who meets such other requirements as may be prescribed by the local school board and approved by the Board of Education. |
| 3 | Applied Studies Diploma  (previously Special Diploma) | Diploma awarded to students with disabilities who complete the requirements of their individualized education programs (IEP) and do not meet the requirements for other diplomas. |
| 4 | Certification of Program Completion | Certificate awarded to students who do not qualify for a diploma but who complete a prescribed course of study as defined by the local school board. |
| 5 | High School Equivalency (HSE) Certificate as a part of an alternative education program (Formerly GED) | Document awarded to high school students in attendance and enrolled in a General Educational Development program who have earned a High School Equivalency (HSE) Certificate. |
| 6 | Internal Baccalaureate (IB) Diploma | Diploma awarded a student who has completed the requirements for the Advanced Studies diploma and has also completed the International Baccalaureate Diploma program given by the International Baccalaureate Organization of Switzerland. |
| 7 | Modified Standard Diploma | Diploma awarded a student with disabilities who completes the requirements of his or her Individualized Education Program (IEP) |
| 8 | High School Equivalency (HSE) Certificate as a part of an ISAEP (formerly GED as part of ISAEP) | Document awarded a student who has successfully completed all of the IASEP requirements, which includes passing the HSE exam. |
| 10 | No award in this school year - school-age student whose IEP allows for multiple years in grade 12 | No award in this school year. Use this code for seniors whose IEP allows for multiple years in grade 12. This code should also be used for school-age students with an IEP who return to school after graduating. |

(Used with Completer Demographics Report)

## Appendix M: Graduate/Other Completer Codes (page 2)

(Used with Completer Demographics Report)

| **Graduate/ Other Completer Code** | **Graduate/Other Completer Code Description** | **Definition** |
| --- | --- | --- |
| 11 | No award in this school year - foreign exchange student | No award in this school year. Use this code for a foreign exchange, part-time private, or part-time home school student. |
| 12 | No award in this school year - student whose age and LEP status allows for multiple years in grade 12 | No award in this school year. Use this code for seniors whose age and LEP status allow for multiple years in grade 12. |
| 13 | No award in this school year – previously earned a non-terminal diploma | No award in this school year. Use this code for non-IEP students who previously earned one of the following non-terminal diplomas: 4 (Certificate of Completion), 5 (GED) or 8 (GED through ISAEP). This code should also be used for students who receive a diploma from another state or from a non-public Virginia School. Continue to use Graduate/Other Completer Code 10 and 12 respectively for IEP and EL students that have never earned a Standard or Advanced Studies diploma. |

## Appendix N: Division Codes

**COUNTY/CITY**

Accomack County 001

Albemarle County 002

Alexandria 101

Alleghany Highlands 003

Amelia County 004

Amherst County 005

Appomattox County 006

Arlington County 007

Augusta County 008

Bath County 009

Bedford County 010

Bland County 011

Botetourt County 012

Bristol 102

Brunswick County 013

Buchanan County 014

Buckingham County 015

Buena Vista 103

Campbell County 016

Caroline County 017

Carroll County 018

Charles City County 019

Charlotte County 020

Charlottesville 104

Chesapeake 136

Chesterfield County 021

Clarke County 022

Colonial Beach 202

Colonial Heights 106

Craig County 023

Culpeper County 024

Cumberland County 025

Danville 108

Dickenson County 026

Dinwiddie County 027

Essex County 028

Fairfax County 029

Falls Church 109

Fauquier County 030

Floyd County 031

Fluvanna County 032

Franklin 135

Franklin County 033

Frederick County 034

Fredericksburg 110

Galax 111

Giles County 035

Gloucester County 036

Goochland County 037

Grayson County 038

Greene County 039

Greensville County 040

Halifax County 041

Hampton 112

Hanover County 042

Harrisonburg 113

Henrico County 043

Henry County 044

Highland County 045

Hopewell 114

Isle of Wight County 046

King George County 048

King and Queen County 049

King William County 050

Lancaster County 051

Lee County 052

Loudoun County 053

Louisa County 054

Lunenburg County 055

Lynchburg 115

Madison County 056

Manassas 143

Manassas Park 144

Martinsville 116

Mathews County 057

Mecklenburg County 058

Middlesex County 059

Montgomery County 060

Nelson County 062

New Kent County 063

Newport News 117

Norfolk 118

Northampton County 065

Northumberland County 066

Norton 119

Nottoway County 067

Orange County 068

Page County 069

Patrick County 070

Petersburg 120

Pittsylvania County 071

Poquoson 142

Portsmouth 121

Powhatan County 072

Prince Edward County 073

Prince George County 074

Prince William County 075

Pulaski County 077

Radford 122

Rappahannock County 078

Richmond 123

Richmond County 079

Roanoke 124

Roanoke County 080

Rockbridge County 081

Rockingham County 082

Russell County 083

Salem 139

Scott County 084

Shenandoah County 085

Smyth County 086

Southampton County 087

Spotsylvania County 088

Stafford County 089

Staunton 126

Suffolk 127

Surry County 090

Sussex County 091

Tazewell County 092

Virginia Beach 128

Warren County 093

Washington County 094

Waynesboro 130

West Point 207

Westmoreland County 095

Williamsburg-James

City County 131

Winchester 132

Wise County 096

Wythe County 097

York County 098

**SPECIAL SCHOOLS/DIVISION CODE/SCHOOL CODE**

VSDB-Staunton 218 4013Enterprise Academy 402 0402

(Newport News-Hampton)

## Appendix N: (Page 2)

**REGIONAL CAREER AND TECHNICAL EDUCATION CENTERS/CODE**

Amelia-Nottoway Technical Center 311

Bridging Communities Regional CTE Center 313

Charlottesville-Albemarle Technology Center 301

Massanutten Technical Center 304

New Horizons Regional Education Center 307

Northern Neck Technical Center 310

Rowanty Technical Center 309

Valley Vocational-Technical Center 306

**GOVERNOR’S STEM ACADEMIES/DIVISION CODE/SCHOOL CODE**

Architecture and Applied Arts Governor's STEM Academy 112 1200

Blue Ridge Crossroads Governor’s Academy for Technical Education (BRCGATE) 018 7313

FIRST: Fostering Innovation and Relevance through STEM and Trades 127 0396

Chesterfield Governor's Career and Technical Academy for Engineering Studies 021 0980

Governor's Career and Technical Academy in Arlington (GCTAA) 007 0623

Governor’s STEM Academy at Chantilly High School 029 2446

Governor’s STEM Academy at Christiansburg High School 060 0810

Governor’s STEM Academy at George C. Marshall High School 029 2454

Governor’s STEM Academy at Harrisonburg High School 113 0211

Governor’s STEM Academy at the Burton Center for Arts and Technology 080 0591

Governor’s STEM Academy at Osbourn High School 143 0380

Governor’s STEM Academy for Engineering, Marketing, and Information

Technology Studies 128 1031

Heritage High School Governor's STEM Academy 117 1455

Loudoun Governor’s STEM Academy 053 0990

Lynchburg Regional Governor’s STEM Academy 115 0380

Northern Neck Technical Center Governor's STEM Academy for

Agriculture and Maritime Studies 310 0020

Pulaski County Public Schools Governor's STEM Academy 077 0610

Stafford Academy for Technology (STAT) 089 0900

The Bridging Communities Governor’s STEM Academy 313 0020

The Governor's Career and Technical Education Academy for STEM in Richmond 123 3120

The Grassfield High School Governor’s STEM Academy 136 0965

**GOVERNOR’S HEALTH SCIENCES ACADEMIES/DIVISION CODE/SCHOOL CODE**

Monticello Governor’s Health Science Academy – Albemarle County 002 0350

Bedford County Public Schools Governor’s Health Sciences Academy 010 0600

Chesterfield County Public Schools Governor’s Health Sciences Academy 021 0990

Clifford S. Hardison Governor’s Health Sciences Academy – Fairfax County 029 2456

Falls Church Governor’s Health Sciences Academy – Fairfax County 029 2452

Gloucester County and Mathews County Public Schools Governor’s

Health Sciences Academy 036 0290

Alexandria City Public Schools Governor’s Health Sciences Academy 101 0370

Hampton City Public Schools Governor’s Health Sciences Academy 112 1100

Newport News and York County Public Schools Governor’s Health Sciences Academy 117 1445

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