Attachment A, Memo No. 108-20

May 1, 2020

**Revised May 8, 2020**

**Virginia Department of Education**

**2020-2021 CTE Review/Development Committees**

**The Career Cluster Committee list below consists of bulleted items containing Name of Course, Type of Meeting, and Curriculum Review Date:**

**AGRICULTURE, FOOD, AND NATURAL RESOURCES**

* Introduction to Plant Systems (8007)

Virtual Work Assignments

October 15-November 16, 2020

* Introduction to Natural Resources and Ecology Systems (8040)

Virtual Work Assignments

November 12-December 10, 2020

* Agricultural Fabrication and Emerging Technologies (8019), Agricultural Structural Systems (8017)

Virtual Work Assignments

November 19-December 17, 2020

* Agricultural Business Fundamentals I (8022), Agricultural Business Operations II (8024), Agricultural Business Management (8026)

Face-to-Face Meeting with Virtual Work Assignments

February 11-12-March 15, 2021

* Community Forestry and Tree Management (8048)

Face-to-Face Meeting with Virtual Work Assignments

February 25-March 25, 2021

**BUSINESS MANAGEMENT AND ADMINISTRATION**

* International Baccalaureate Business Management (IB6135)

Virtual Work Assignments

 October 19, 2020

**FINANCE**

* Economics and Personal Finance (6120), Personal Finance (6120)

Virtual Work Assignments

November 10-December 1, 2020

**HEALTH SCIENCE**

* Biotechnology Foundations in Health and Medical Sciences (8344)

Virtual Work Assignments

 October 5-November 6, 2020

**HEALTH SCIENCE (continued)**

* Medical Coding and Billing I, II (8388, 8389)

Virtual Work Assignments

 October 13-November 16, 2020

* Respiratory Therapy I, II (8372, 8373)

Virtual Work Assignments

October 20-November 24, 2020

* Medical Laboratory Technology I, II (8377, 8378)

Virtual Work Assignments

October 26-November 23, 2020

* Dental Careers I, II (8328, 8329)

Virtual Work Assignments

November 9-December 7, 2020

* Introduction to Health and Medical Sciences (8301, 8302)

Virtual Work Assignments

November 16-December 14, 2020

**HUMAN SERVICES**

* Child Development and Parenting (8232, 8231), GRADS (Graduation, Reality, and Dual-role Skills): Family Focus (8278, 8277), GRADS (Graduation, Reality, and Dual-role Skills): Work Focus (8213)

Virtual Work Assignments

October 5-6-November 2, 2020

* Food Science and Dietetics (8239)

Virtual Work Assignments

October 19-November 16, 2020

* Independent Living (8219, 8214)

Virtual Work Assignments

November 2-November 30, 2020

**INFORMATION TECHNOLOGY**

* Cybersecurity Fundamentals (6302)

Virtual Work Assignments

October 8-November 5, 2020

* Computer Networking Hardware Operations I, II, II, IV (8542, 8543, 8544, 8545)

Virtual Work Assignments

October 9-November 2, 2020

**INFORMATION TECHNOLOGY (continued)**

* Computer Network Software Operations (6650), Computer Network Software Operations, Advanced (6651)

Virtual Work Assignments

October 13-November 3, 2020

* International Baccalaureate Information Technology in a Global Society (IB6613)

Virtual Work Assignments

October 19, 2020

* Cybersecurity Software Operations (6304), Cybersecurity Software Operations, Advanced (6306)

Virtual Work Assignments

October 27-November 17, 2020

* Design, Multimedia, and Web Technologies (6630, 6632), Design, Multimedia, and Web Technologies, Advanced (6631, 6633)

Virtual Work Assignments

December 1, 2020-January 12, 2021

**MANUFACTURING**

* Precision Machining Technology I, II (8539, 8540)

 Virtual Work Assignments

 October 23-November 23, 2020

* Sheet Metal I, II (8663, 8664)

Virtual Work Assignments

November 6-December 7, 2020

* Mechatronics I, II, III (8554, 8555, 8556)

Face-to-Face Meeting with Virtual Work Assignments

February 5-March 5, 2021

* Welding I, II, III (8672, 8673, 8674)

Face-to-Face Meeting with Virtual Work Assignments

February 19-March 19, 2021

**MARKETING**

* Sports and Entertainment Marketing (8175), Sports and Entertainment Management (8177)

Virtual Work Assignments

October 1-November 13, 2020

* Digital and Social Media Marketing (8125)

Virtual Work Assignment

October 22-December 4, 2020

* Marketing Management (8132)

Virtual Work Assignment

November 12-December 18, 2020

**SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS**

* Energy and Power (8448, 8495)

Virtual Work Assignments

September 28-October 28, 2020

* Advanced Drawing and Design (8438), Architectural Drawing and Design (8437, 8492), Engineering Drawing and Design (8493, 8436), Technical Drawing and Design (8435, 8434)

Virtual Work Assignments

October 15-16-November 16, 2020

* Principles of Technology I, II (9811, 9812)

Virtual Work Assignments

October 19-November 20, 2020

* Modeling and Simulation Technology (8460)

Virtual Work Assignments

November 5-December 7, 2020

* Renewable Energy (8408)

Face-to-Face Meeting with Virtual Work Assignments

February 8-March 8, 2021

**TRANSPORTATION, DISTRIBUTION AND LOGISTICS**

* Basic Small Engine Repair (8724), Small Engine Technology I, II (8725, 8726)

Virtual Work Assignments

December 4, 2020-January 15, 2021

* Unmanned Aerial Systems (NEW)

Face-to-Face Meeting with Virtual Work Assignments

January 28-March 1, 2021