

# CTE State Supervisor Career Cluster Update

August 20th, 2020  
2:00 PM – 4:00 PM

# Agenda

- **General Information**
  - Change Document
  - 20-21 Frameworks
  - CAPE
  - Articulation Agreements
  - Infographics
- **State Supervisor Career Cluster Updates**
  - Agriculture, Food, & Natural Resources
  - Architecture and construction
  - Energy
  - Health Science
  - Human Services
  - Engineering & technology Education
  - Transportation, Distribution & Logistics
  - Manufacturing
- **Q&A**



# General Information

# Change Document

- 20-21 CTE Change Document
  - [Change Document - CTE 2020-21](#)
- CTE program resources:
  - <http://fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.shtml>

# 2020-2021 Frameworks

Current Frameworks can be found at:

<http://fldoe.org/academics/career-adult-edu/career-tech-edu/curriculum-frameworks/2020-21-frameworks>

- The following have been removed from **Secondary Frameworks**:

## Occupational Completion Points (OCPs)

The following table illustrates the OCPs for the following courses:

OCP	Course Number	Course Title
A	9007610	Advanced Informatics
B	9007210	Foundations of Procedural Programming
C	9007220	Procedural Programming
	9007230	Object-Oriented Programming

(Graduation Requirement Abbreviation)

## Academic Alignment Tables

**Academic Alignment Tables**

Academic alignment is an ongoing, collaborative effort of professional educators specializing in the fields of science, mathematics, and Career and Technical Education (CTE). This initiative aligns CTE programs by improving student academic content within CTE courses. Career and Technical Education courses that have been aligned to the Florida Standards for Science and the Florida Standards for Mathematics and English Language Arts will show the percentage of standards in the CTE course that align to the Florida Standards in the academic course; and the total number of standards contained in the CTE course.

Courses	Anatomy/Physiology Honors	Astronomy Solar/Galactic Honors	Biology 1	Chemistry 1	Earth Science	Environmental Science	Genetics
9007610	0/87 0%	0/80 0%	0/83 0%	0/67 0%	0/70 0%	0/69 0%	0/69 0%
9007210	2/87 2%	7/80 9%	27/83 33%	4/69 6%	23/67 34%	4/70 6%	3/69 4%
9007220	2/87 2%	23/80 29%	2/83 2%	21/69 30%	2/67 3%	20/70 29%	21/69 30%
9007230	20/87 23%	20/80 25%	1/83 1%	20/69 29%	1/67 1%	20/70 29%	20/69 29%

\*\* Alignment pending review. # Alignment attempted, but no correlation.

Courses	Algebra 1	Algebra 2	Geometry	English 1	English 2	English 3	English 4
9007610	0/67 0%	0/75 0%	0/54 0%	0/46 0%	0/45 0%	0/45 0%	0/45 0%

# CAPE

The 20-21 CAPE list is now available:

- <http://fldoe.org/academics/career-adult-edu/cape-secondary/cape-industry-cert-funding-list-current.shtml>

CAPE Informational webinar

- <https://www.gotostage.com/channel/2f8885c0cdf149cebc0fb984561a72ed>

Questions contact: [kathryn.wheeler@fldoe.org](mailto:kathryn.wheeler@fldoe.org)

# Articulation Agreements

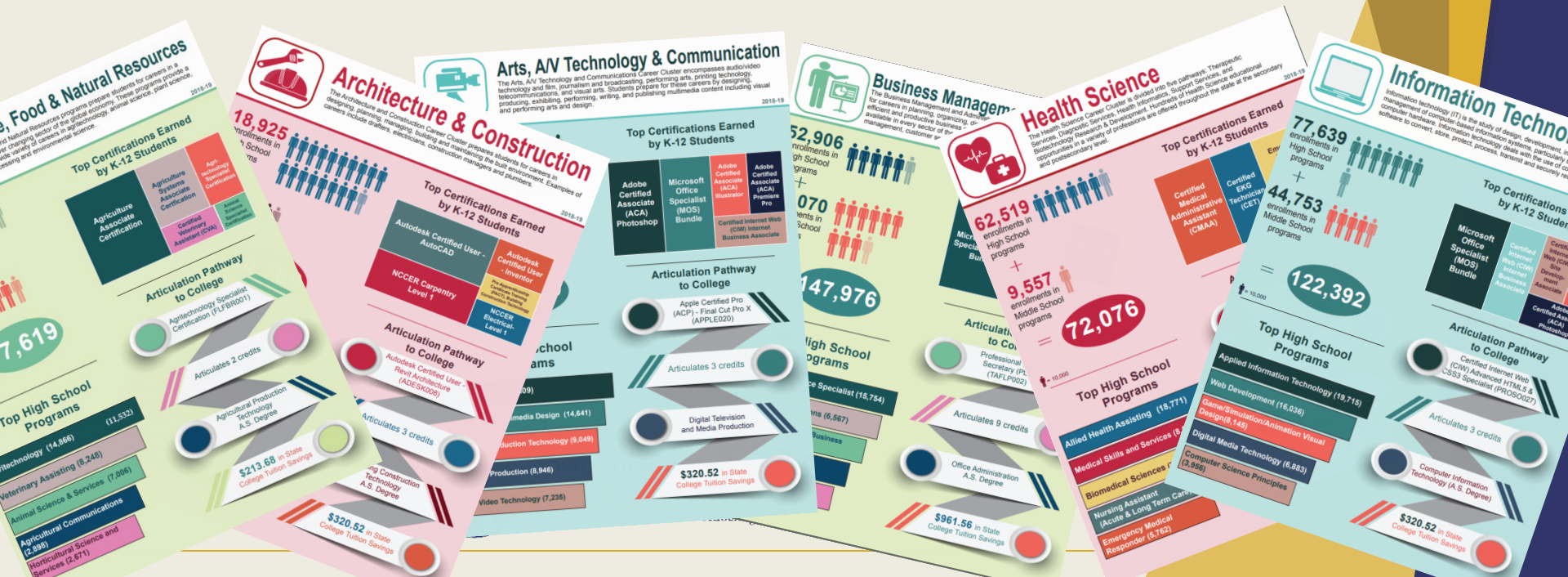
Complete list of active Statewide Articulation Agreements

- <http://www.fldoe.org/academics/career-adult-edu/career-technical-edu-agreements>
- Questions? Contact Yolanda Singletary  
[Yolanda.Singletary@fldoe.org](mailto:Yolanda.Singletary@fldoe.org)

# Infographics

- Career Cluster Info Graphics

- <http://fldoe.org/academics/career-adult-edu/career-tech-edu/>





# Agriculture, Food & Natural Resources

# Kaitlin Vickers

Agriculture, Food, & Natural Resources  
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FL FFA Association  
Grants Manager



# Current Program Reviews (21-22 SY)

## Secondary:

- Agriculture Sales & Service (8116000)
- Animal Science & Services (8106200)
- Food Science Applications (8129200)
- Veterinary Assisting (8115110)

## Still reviewing:

- Equestrian Studies (8004200)

# Current Program Reviews (21-22 SY)

## Postsecondary:

### Career Certificate Programs:

- Veterinary Assisting (A010512)

### AS & CCC:

- Veterinary Technology (1351080800)

### Still Reviewing:

- Zoo Animal Technology (AS - 1101099901)
- Equine Studies (1101050701)
  - ⑩ Equine Assistance Management (CCC - 010150701)
  - ⑩ Equine Technician (CCC - 0101050703)

# 2020-2021 Changes

- No new AFNR programs

Deleted:

- Landscape & Horticulture Technology AS  
1101060500 (64 Credits)
  - Replaced by Landscape and Horticulture Technology AS – 1101060502 (60 credits) in 16-17

# Next Year's Program Reviews (22-23 SY)

## Secondary

- Agricultural Use of UAS Technology (8005200)
- Agriculture Biotechnology (8003100)
- Agriculture Communications (8117000)
- Environmental Water and Reclamation Technology (8007300)
- Forestry (8118300)
- Natural Resources (8006200)
- Principles of Agribusiness and Management (8009100)

Note: Review Committee volunteers are **greatly appreciated!** :)

# Next Year's Program Reviews (22-23 SY)

## Career Certificate Program

- Advanced Water Treatment Technologies (P150509)
- Wastewater Treatment Technologies (P150527)
- Water Treatment Technologies (P150507)

## AS & CCC

- Agribusiness Management (AS - 1101010100)
- Environmental Science Technician (CCC - 0703010407)
  - Hazardous Materials Specialist (CCC - 0703010403)

**Note: Review Committee volunteers are greatly appreciated! :)**

# New Articulation Agreements and CAPE Industry Certs

## Statewide Articulation Agreements

- Certified Landscape Maintenance Technician FNGLA003
- Certified Landscape Technician FNGLA004
  - Both articulate for **3 college credits** to **Landscape & Horticulture Technology (AS 1101060502)**

## CAPE Industry Certifications

- Food Safety and Science Certification AMMSA001
  - American Meat Science Association
- Ecology Conservation and Management Certification DUCKS001
  - Ducks Unlimited



# Architecture & Construction

# David “Dave” Mueller



## State Supervisor:

- Architecture & Construction
- Energy
- Marketing, Sales & Service

## Grant Manager:

- FL DECA
- FL Collegiate DECA
- FL SkillsUSA

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# 2020 Reviews for 2021-22

## Secondary Programs:

- Brick and Block Masonry (8722900)
- Cabinetmaking (8104400)
- Carpentry (8104300)
- Civil Engineering Aide (8915000)
- Painting and Decorating (8721500)
- Plumbing (8105500)

## Career Certificate Programs:

- Brick and Block Masonry (I463112)
- Cabinetmaking (C410400)
- Carpentry (C510300)
- Plumbing (C500500)

# 2020 Reviews for 2021-22 (continued)

## Degree & Certificate Programs:

- AS Architectural Design & Construction Technology (1604090100)
  - CCC Sustainable Design (0630330106)
- AS Civil Engineering Technology (1715020101)
  - CCC Field Survey Technician (0715020102)
- AS Computer-Aided Drafting and Design (1615130102)
  - CCC Computer-Aided Technical Design Certificate (0615130204)
  - CCC Advanced Computer-Aided Technical Design Certificate (0615130101)

# 2021 Reviews for 2022-23

## Secondary Programs:

- Air-Conditioning, Refrigeration and Heating Technology (8723000)

## Career Certificate Programs:

- Heating, Ventilation, Air-Conditioning/Refrigeration - HVAC/R (C400400)
- Heating, Ventilation, Air-Conditioning/Refrigeration - HVAC/R 1 (C400410)
- Heating, Ventilation, Air-Conditioning/Refrigeration - HVAC/R 2 (C400420)
- Electronic System Integration and Automation (C700100)

# 2021 Reviews for 2022-23 (continued)

## Degree & Certificate Programs:

- AAS Air-Conditioning, Refrigeration and Heating Systems Technology (0615050100)
  - CCC Residential Air-Conditioning, Refrigeration and Heating Systems Assistant (0615050101)
  - CCC Residential Air-Conditioning, Refrigeration and Heating Systems Technician (0615050102)

Note: Review Committee volunteers and sites are **needed!** 😊

# 2020-21 Program Changes

## New Programs/Courses:

- None

## Changed Programs/Courses:

- *Structural Drafting* – 8101200 (Program name changed to ***Civil and Surveying Drafting***)
- *Structural Drafting 5* – 8725550 (Course name changed to ***Civil and Surveying Drafting 5***)
- *Structural Drafting 6* – 8725560 (Course name changed to ***Civil and Surveying Drafting 6***)

Note: Program, course & CIP numbers are unchanged.

# 2020-21 Program Changes (continued)

## Daggered Programs:

- *Air-Conditioning, Refrigeration and Heating Technology 2 - C400200* (Last year for enrollment 2020-21; replaced by *Heating, Ventilating, Air-Conditioning/Refrigeration 2 - C400420*)

## Deleted Programs:

- *Carpentry - 8104500*\*\* (replaced by *Carpentry - 8104300*)
- *Plumbing Technology - 1460513*\*\* (replaced by *Plumbing - C500500*)

\*\* - Not subject to CTE Audit & deleted due to completion of teach out.



# Miscellaneous Program Information

- With continuing demand for Construction jobs in Florida, there is increased enrollment in **Architecture & Construction** programs with **nearly 21,000** middle and high school enrollments in 2018-19.
- ***Building Trades and Construction Design Technology*** has the highest Secondary enrollment and ***Heating, Ventilation, Air Conditioning & Refrigeration*** programs lead in Postsecondary.
- ***HVAC Excellence*** certifications surpass all other A & C certs.
- A **Big Thanks** to all who participated in Architecture & Construction program reviews in the spring! If you need a CEU letter, please let me know...

# Energy

# 2020 Reviews for 2021-22

## Secondary Programs:

- No programs to be reviewed

## Career Certificate Programs:

- Natural Gas Operations and Distribution (X500200)

## Degree & Certificate Programs:

- AS Energy Management and Controls Technology (1615030304)
- AS Electrical Power Technology (1615030318)
  - CCC Alternative Energy Engineering Technology (0615050304)

# 2021 Reviews for 2022-23

## Secondary Programs:

- No programs to be reviewed

## Career Certificate Programs:

- Electrical Lineworker (X100100)

## Degree & Certificate Programs:

- AAS Electrical Distribution Technology (0646030104)
  - CCC Electrical Utility Lineworker Advanced (0646030301)
  - CCC Elect. Utility Lineworker Fundamentals (0646030105)
  - CCC Electrical Utility Lineworker Basic (0646030103)

Note: Review Committee volunteers and sites are **needed!** 😊

# 2020-21 Program Changes

## New Programs/Courses:

- None

## Changed Programs/Courses:

- None

## Daggered/Deleted Programs:

- None

# Miscellaneous Program Information

- ***Natural Gas Operations & Distribution*** (X500200) was not reviewed this spring, however the *FL Energy Workforce Consortium* (FEWC) started an effort to revitalize this program, so we hope to see enrollments soon.
- ***Energy Technician*** program has the highest Secondary enrollment and ***Electrical Line Service and Repair*** leads in Postsecondary enrollments.
- ***NCCER Electrical Level 1*** certification is the #1 cert in Energy.
- **Big Thanks** to all who participated in Energy program reviews in the spring! If you need a CEU letter, please let me know...
- ***Have a great school year everyone!***



# Health Science

# Health Science & Human Services



**Pamela Gilman**

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**Grant Manager:**





# Highlights 20-21 Health Science Changes

## NEW PROGRAMS

- **Firefighter/Emergency Medical Technician – Combined (P430217)**
- **Health Care Services Specialist (CCC - 0351070102)**
- **Health Support Specialist (CCC – 0351081404)**

## DAGGERED PROGRAMS

- **Fire Fighter/Emergency Medical Technician – Combined (P430215)**
- **Health Care Services (CCC – 0351070201)**

# 2021 Program Reviews

## MIDDLE SCHOOL

- NA

## SECONDARY

- Allied Health Assisting (8417130)
- EKG Aide (8417160)
- EKG Technician (8427100)
- Health Unit Coordinator (8417280)
- Medical Laboratory Assisting (8417200)
- Pharmacy Technician (8418200)
- Health Science Core {Health Science Anatomy & Physiology (8417100)/Health Science Foundations (8417110)} **Moved from 2020**

**\*\* Volunteers for review committees are always appreciated\*\***

# 2021 Program Reviews

## CAREER CERTIFICATE

- Health Science Core {Basic Health Care Worker (HSC0003)} **Moved From 2020**
- EKG Technology (H170208)
- Health Unit Coordinator/Monitor Technician (H170107)
- Medical Coder/Biller (H170529)
- Medical Laboratory Assisting (H170306)
- Medical Record Transcribing/Healthcare Documentation (H170506)
- Orthopedic Technology (H170800)
- Pharmacy Technician (H17050)
- Radiologic Technology (W170201)

## AS/AAS/CCC/ADT

- Diagnostic Medical Sonography Technology (AS-1351091004)
- Diagnostic Medical Sonography Specialist (CCC - 0351091005)
- Clinical Research Professional (AS-1351071902)
- Clinical Research Coordinator (CCC - 0351071901)
- Funeral Services (AS - 1312030100)
- Florida Funeral Director (CCC - 0312030102)
- Health Information Technology (AS - 1351070700)
- Healthcare Informatics Specialist (CCC - 0351070712)
- Medical Information Coder/Biller (CCC - 0351070714)

# Miscellaneous Health Science Information

# Practical Nursing Daggered Program

**The Following Practical Nursing program  
was daggered for deletion in 2017/2018**

- **Daggered CIP# 0351390100**
  - ✓ **Secondary program 8418300**
  - ✓ **PSAV H17060**
- ✓ **Last reporting of enrollment**
  - ✓ **345 Post-Secondary students**
  - ✓ **57 Secondary students**
  - ✓ **Last year to report enrollment is 2019/2020**
- ✓ **Beginning in 2017/18 ALL NEW students should have been enrolled in:**
  - ✓ **Career Certificate Program CIP# 0351390101;  
Program H170607**
  - ✓ **Secondary CIP# 0351390102; Program 8418400**

# Professional Nursing Programs

(PN, RN, ARNP)

## U.S. DOE Regulation

34 CFR 668.43 (a) (5) (v)

- 1) A list of all states/jurisdictions where the institution's curriculum meets state educational requirements for professional licensure or certification
- 2) A list of all states/jurisdictions where the institution's curriculum does not meet state educational requirements for profession licensure or certification
- 3) A list of all states/jurisdictions where the institution has not made a determination of whether the curriculum meets educational requirements

4) Such disclosure of 1-3 above shall be made directly to the student in writing, which may include through email or other electronic communication.

Please direct any/all questions or concerns to the U.S. DOE at 1-800-872-5327 or via the web @ [www.ed.gov/answers](http://www.ed.gov/answers)

# Clinical Experience for the start of 2020-21 school year

## ■ Non-Regulated Programs:

- Simulation will continue to be allowed in the classroom laboratory/virtual simulation until September 7th. If Governor DeSantis extends Executive Order 20-52 then this will also be extended.

## ■ Regulated Programs:

- Please refer to regulating agency and Emergency Orders for all information to include expiration dates
- <http://www.fldoe.org/core/fileparse.php/7671/urlt/DOH-HealthSciProgramWaivers.pdf>



# Human Services

# Highlights 20-21 Human Services Changes

## NEW PROGRAMS

None

## DAGGERED PROGRAMS

None

## PENDING

Family and Consumer Science Essentials  
(FACS) - Practical Arts Designation

# 2021 Program Reviews

## MIDDLE SCHOOL

NA

## CAREER CERTIFICATE

Barbering (I120402)

## SECONDARY

- Barbering (8757100)
- Dry Cleaning and Laundering (8733000)
- Personal Trainer (8907100)

## AS/AAS/CCC/ADT

NA

**\*\*Volunteers for review committees are always appreciated\*\***

# Miscellaneous Human Services Information

# Hands-On Experience for the start of 2020-21 school year

## ■ Non-Regulated Programs:

- Simulation will continue to be allowed in the classroom laboratory/virtual simulation until September 7th. If Governor DeSantis extends Executive Order 20-52 then this will also be extended.

## ■ Regulated Programs:

- DBPR & The Florida Board of Cosmetology has deferred to DOE. Please contact me for a copy of the FAQ's/Answers handout. (See above regarding EO 20-52)

# House Bill 1193

- Reduced Barbering hours from 1200 to 900. Effective Jan 01, 2021
  - Rule 61G3-16.001 finalized October.
- Facial Specialty hours reduced from 260 to 220. Effective Jan 01, 2021
  - Rule 61G5-22.006 finalized October
- Nails Specialty hours reduced from 240 to 180. Effective Jan 01, 2021
  - Rule 61G5-22.015 finalized October
- DOE frameworks for all three programs will be update to reflect hours and Rule changes and be effective on Jan 01, 2021.

# Questions for DBPR or The Florida Barber's Board or The Florida Board of Cosmetology

- Email: Krista Woodward  
[Krista.Woodward@myfloridalicense.com](mailto:Krista.Woodward@myfloridalicense.com)
- Phone: (850) 487-1395
- Web:
  - Barbers:  
[www.myfloridalicense.com/DBPR/barbers](http://www.myfloridalicense.com/DBPR/barbers)
  - Cosmetology:  
[www.myfloridalicense.com/DBPR/cosmetology](http://www.myfloridalicense.com/DBPR/cosmetology)

# Engineering & Technology Education



**State Supervisor:**  
**Manufacturing,  
Transportation  
Distribution and Logistics,  
Engineering and Technology  
Education**

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**850 245-9015**



# CTSO Grant Manager



<http://floridatsa.org>

# Overview

- •Engineering & Technology Ed.
- •Changes for 2020-2021
- •Program Reviews conducted in 2020
- •Upcoming Changes for 2021-2022
- •Program of Work

# Program Update Changes for 2020-2021

## New/Changed Programs

- **No New Programs Or Changes in 2020-2021**

# Program Update Changes for 2020-2021

## ■ Programs Deleted

\* Programs being deleted in 20-21 (not reportable for enrollment) were not subject to the CTE audit but are being deleted due to the completion of a teach out period.

- Engineering Technology 821011700 (860700)
- Technology Systems 08210128PA (8600400)

# Program of Work

## **All Engineering and Technology Education Programs Were Reviewed in 2019**

- No Programs Reviewed in 2020
- No Programs Scheduled for Review in 2021
- Next Review will be in 2022 All Programs

# Transportation, Distribution & Logistics



# Overview

**Transportation, Distribution, & Logistics**

**Changes for 2020-2021**

**Program Reviews conducted in 2020**

**Upcoming Changes for 2021-2022**

**Program of Work**

# Program Update Changes for 2020-2021

## New Programs

### Secondary/ Career Certificate Programs

- No New Programs



# Program Update Changes for 2020-2021

## New Programs: AS / AAS / CCC

- Avionics Systems Integration Specialist AS (1647060911) 60 Credit Hours
  
- Avionics Specialist CCC (0647060908) Under New Avionics Systems Integration AS Degree

# Program Update Changes for 2020-2021

## Programs Daggared for Deletion

\* Programs being deleted in 20-21 (not reportable for enrollment) were not subject to the CTE audit but are being deleted due to the completion of a teach out period.

# Program Update Changes for 2020-2021

## Programs Deleted

- Aircraft Airframe Mechanics  
8715100/I470612
- Aircraft Powerplant Mechanics  
8715200/I470622
- Automotive Collision Repair and Refinishing  
8709000/I470603
- Automotive Collision Repair and Refinishing  
1 & 2 T400100/T400200
- Automotive Service Technology 8709400

## Deleted Continued

- Automotive Detailing and Reconditioning  
8710000
- Avionics Technology 9540300
- Avionics 2 T640200
- Medium and Heavy-Duty Truck and Bus  
Technician 8742000
- Motorcycle Service Technology 8766100
- Heavy Equipment Mechanics I470302
- Heavy Equipment Operation I490202

# Program of Work Programs Reviewed 2020

## Secondary

- Automotive Collision Technology (9514000)
- Automotive Maintenance & Light Repair (9504100)
- Commercial Fishing (8751200)
- Diesel Maintenance Technology (9504400)
- Mobile Electronics (9540400)

# Program of Work Programs Reviewed 2020

## Career Certificate Programs

- Advanced Automotive Service Technology (I470604)
- Alternative Fuels (T401200)
- Automotive CNG/LPG Technology (T401100)
- Automotive Collision Technology Technician (T401300)
- Automotive Customer Service Advisor (T400910)
- Automotive Drivetrain Technician (T400710)
- Automotive Electrical Technician (T400720)
- Automotive General Service Technician (T400730)
- Automotive Maintenance & Light Repair Technician (T404100)

# Program of Work Programs Reviewed 2020

- Automotive Performance Technician (T400740)
- Automotive Service Technology (I470608/T400700/T400800)
- Commercial Class "B" Driving (I490251)
- Commercial Vehicle Driving (I490205)
- Construction Vehicle Technician (T650500)
- Diesel Maintenance Technician (T440400)
- Diesel Systems Technician (I470605/T650605/T650200)
- Heavy Equipment Operations Technician (T440200)
- Heavy Equipment service Technician (T440100)
- Transit Technician 1, 2, 3 (T660100/T660200/T660300)

# Program of Work Programs Reviewed 2020

## AS/AAS/CCC

- Automotive Service Management Technology - AAS
  - Automotive Service Technician - CCC
  - General Automotive Technician - CCC
- Manufacturer Specific Automotive Service Technology - AAS
- Marine Engineering, Management and Seamanship - AAS
  - Marine Electrician - CCC
  - Marine Propulsion Technician - CCC
  - Marine Systems Technician - CCC
  - Marine Technology - CCC
  - Professional Welder - CCC



# Program of Work Programs Scheduled for 2021

## Secondary

- Global Logistics & Supply Chain Technology (9503100)
- Outboard Marine Service Technology (9504200)
- Aviation Assembly and Fabrication (9540700)
- Power equipment Technology (9504500)
- Unmanned Aircraft Systems (9505100)

# Program of Work Programs Scheduled for 2021

## Career Certificate Program

- Global Logistics & Supply Chain Technology (T300100)
- Marine Service Technologies (T400200)
- Power Equipment Technologies (T410300)

## AS/AAS/CCC

- Supply Chain Management - AS
- Logistics & Transportation Specialist - CCC
- Unmanned Vehicle Systems Operations - AS
- Transportation & Logistics - AS
- Intermodal Freight Transportation - CCC
- International Freight Transportation - CCC

# ASE Updates

- Programs with accreditation renewal dates from 3/1/2020 to 12/1/2020 will have six months added to their expiration dates.
- Programs with compliance reviews dates from 3/1/2020 to 12/1/2020 will have six months added to their due date.
- **For more information visit ASE Education Foundation's web page click on the orange Coronavirus Update box.**

# Manufacturing



# Overview

- **Manufacturing**
- **Changes for 2020-2021**
- **Program Reviews conducted in 2020**
- **Upcoming Changes for 2021-2022**
- **Program of Work**

# Program Update Changes for 2020-2021

## New Programs

- Secondary: N/A
- Postsecondary: Medical Device Design and Manufacturing CCC
- (0615040108) part of Biomedical Equipment Technician AS

## Changed Programs/Courses:

- Secondary: N/A

# Program Update Changes for 2020-2021

## Changed Programs/Courses

### Postsecondary

- Supply Chain Automation  
(new specialization Engineering Technology AS)

### New Articulation Agreement

- ADESK 032
- Autodesk Certified User Fusion 360
- Engineering Technology AS 1615000001
- 3 Credits

# Program Update Changes for 2020-2021

## Programs Deleted

Programs being deleted in 20-21 (not reportable for enrollment) were not subject to the CTE audit but are being deleted due to the completion of a teach out period.



# Program Update Changes for 2020-2021

- Biotechnology AS – 1626120100
- Supply Chain Management AS – 1652020900
- Applied Welding Technologies – 648050802  
(8754500/I480500)
- Automation & Production Technology –  
0615040603 (9200100/J100100 )

# Program Update Changes for 2020-2021

## Programs Deleted “continued”

- Electronic Technology - 0615030300 (8730000)
- Engineering Assisting – 0647030301 (8743000)
- Machining – 0648050302 (8754000/I480503)
- Major Appliance and Refrigeration Repair –  
0647010601 (I470106)
- Aviation Operations AS – 1649010400
- Biomedical Engineering AS - 1615040101

# Program of Work Programs Reviewed 2020

## Secondary

- None

## Career Certificate Programs

- Advanced Manufacturing & Production Technology (J100200)
- Electronic Systems Technician (J540300)
- Electronic Technology (I150303/J540100/J540200)
- Major Appliance & Refrigeration Technician (J620300)
- Gaming Machine Repair Technician (J550100)
- Industrial Technology (I150603)

# Program of Work Programs Reviewed 2020

## AS/AAS/CCC

- Biomedical Equipment Technician-AS
  - Medical Equipment Repair-CCC
  - Medical Device Design & Manufacturing-CCC
- Chemical Technology-AS
  - Chemical Laboratory Specialist-CCC
  - Scientific Workplace Preparation-CCC
- Electronics Engineering Technology-AS
  - Basic Electronics Technician-CCC
  - Electronics Technician-CCC
  - Laser & Photonics Technician-CCC
  - Robotics & Simulation-CCC
  - Solar Energy Technician-CCC

# Program of Work Programs Reviewed 2020

## Electronics Engineering Technology - AS

Basic Electronics Technician - CCC

Electronics Technician - CCC

Laser & Photonics Technician - CCC

Robotics & Simulation - CCC

Solar Energy Technician - CCC

## Industrial Management Technology - AS

Industrial Operations Specialist - CCC

# Program of Work Reviews Scheduled 2021

## Secondary

- Industrial Machining Maintenance Technology(9204300)
- Machining Technology (9202100)
- Advanced Manufacturing Technology (9200200)
- Electronic Systems Technology (9203200)
- Welding Technology Fundamentals (9204400)

# Program of Work Reviews Scheduled 2021

## Career Certificate Programs

- Industrial Machinery Maintenance & Repair (I470303/J590100/J590200)
- Biomedical Equipment Repair Technology (J400100)
- Electrical & Instrumentation Technology (I150404/J110100/J110200)
- Machining Technologies (J200100)
- Jewelry Design & Repair 1, 2 (J450600/J450700)
- Millwright (I470313/J590400/J590500)
- Welding Technology (J400400)
- Welding Technology Advanced (J400410)

# Program of Work Reviews Scheduled 2021

## AS/AAS/CCC

- Aerospace Technology - AS
- Aerospace Technician - CCC
- Structural Assembly - CCC
- Simulation Technology -AS



# Diversified Education and Other CTE Programs

# Kaitlin Vickers

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FL FFA Association  
Grants Manager

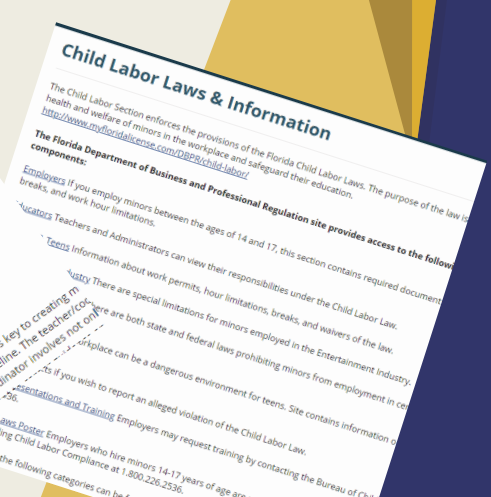
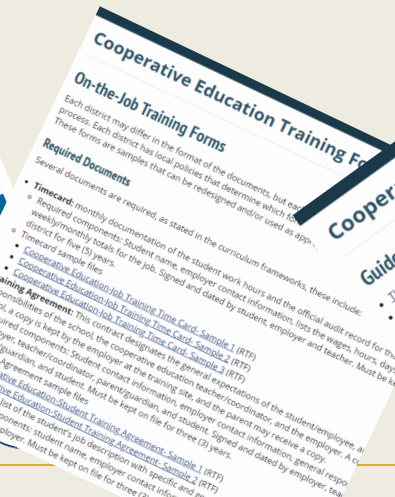


# Internship and OJT courses

- <https://www.gotostage.com/channel/d9d503843cc346b3b0ff8bb54ccc70da/recording/7897f1905c5846aeb612d9c2a1dc9e18/watch?source=CHANNEL>
- For students enrolled in OJT this Fall, all components of a quality OJT experience should be provided:
  - Minimum hours met for attendance
  - Proper documentation (timecards, training agreements, etc.)
  - Supervising teacher monitoring
- Schools must make sure they are following CDC guidelines and local policy.
- If there is a concern that students will not be able to be employed in the Fall, you may want to consider enrolling students in a different course.

# New Co-op/OJT Manual

- Teacher, Student, and Employer Guides
- Sample Documents
- Child Labor Laws
- Q&A page



# Questions?

## Please reach out to your state supervisors.

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