

Career Cluster Update 2020

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Architecture & Construction

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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 are greatly appreciated! 😊

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 & 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 are ***greatly appreciated!*** 😊

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** continues to lead in Postsecondary enrollments.
- ***NCCER Electrical Level 1*** certification is the #1 cert in Energy.
- A **Big Thanks** to all who participated in Energy program reviews in the spring! If you need a CEU letter, let me know...
- ***Have a great school year everyone!***

Q & A