



Architecture & Construction / Energy

Florida Association of Career & Technical Education (FACTE) Annual Conference
Ponte Vedra, Florida 2015



Topics

- Program Reviews
 - 2015-2016 (Last Year)
 - 2016-2017 (This Year)
 - 2017-2018 (Next Year)
- Website Resources
- Textbook Adoption
- SkillsUSA
- Events



Program Reviews

Programs are reviewed on a 3-year cycle by a committee of at least 50% industry members per Florida Statute.



2015-2016 school year

These updates are the result of program reviews conducted in 2014 that will affect the upcoming 2015-2016 school year.

Carpentry and Cabinetmaking

- These programs no longer share courses.
- New programs have been created:
 - Cabinetmaking (8104400)
 - Carpentry (8104500)
 - Cabinetmaking (C410400)
- Old programs have been daggered for deletion

New Practical Arts Courses

- Cabinetmaking 2
- Carpentry 2
- Civil Engineering Aide 1
- Civil Engineering Aide 2
- Painting and Decorating 3

New Level 3 Courses

- Drafting 1
- Drafting 2
- Building Trades and Construction Design Technologies 3

Middle School Courses

- All Middle School Fundamentals courses may now be offered as semester or year long courses
i.e.: Fundamentals of Architecture and Construction
Fundamentals of Energy



2016-2017 school year

These are programs we are working on this year (2015) for the next school year.

Architecture & Construction programs currently under review

- Air-Conditioning, Refrigeration and Heating Technology programs
 - Secondary
 - PSAV
 - Associate of Applied Science
 - College Credit Certificates

Air-Conditioning, Refrigeration and Heating Technology

- All 29 districts and 11 colleges offering these programs were contacted to nominate instructors to participate in the review.
- Eight districts and two colleges throughout the state nominated instructors.
- Instructors reviewed the curriculum framework with their program advisory committees and sent their comments.
- A GoToMeeting was held to discuss and consolidate the comments.

Architecture & Construction programs to be daggered for deletion

- Tile Setting
- Surveying and Mapping Technology

Energy programs currently under review

- Solar Energy Technology
- Electrical Line Service and Repair
- Electrical Distribution Technology (AAS)
 - Electrical Distribution Technology – Advanced
 - Electrical Distribution Technology – Basic



2017-2018 school year

These are programs we will start reviewing in 2016 for the 2017-2018 school year.

Volunteers are much appreciated! 😊

Architecture & Construction programs to be reviewed

- Architectural Drafting Secondary
- Building Construction Technologies
- Building Trades & Construction Design Technology
- Drafting
- Drafting PSAV
- Industrial Pipefitter
- Structural Drafting Secondary
- Building Construction Technology (AS)
 - Building Construction Specialist
 - Green Building Construction Technology
- Construction Management Technology (AS)

Energy programs to be reviewed

- Energy Technician
- Solar PV System Design, Installation & Maintenance
- Solar Thermal System Design, Installation and Maintenance



Website Resources

CTE Program Resources

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

- New Program Request Form
- Change Documents
- CTE Teacher Certifications
- COE Matrix & Request Form
- Comprehensive Course Table
and much more!!!



Textbook Adoption

Textbook Reviewers Needed for Programs/ Courses:

- Introduction to Architecture and Construction
- Architectural Drafting – Secondary
- Brick and Block Masonry
- Carpentry NEW
- Electricity
- Introduction to Alternative Energy

<http://fldoe.org/academics/standards/instructional-materials/>



SkillsUSA

State Conference in Lakeland, Florida 2015-2017

New Director - Courtney Miller

Courtney Miller is a product of Florida SkillsUSA who served as President during high school while she was enrolled in a culinary program. She later went on to serve as the SkillsUSA National College Post-Secondary Officer. Courtney has extensive experience working with SkillsUSA in Florida and North Carolina, and at the national level as well. She holds a Bachelor of Science in Hospitality from Johnson and Wales University and a Master of Education from the University of West Florida. Courtney also brings a lot of event planning experience to Florida SkillsUSA.

Courtney Miller may be contacted via

cmiller@skillsusaf1.org

850-284-8534

SkillsUSA – Some National Winners from FL

Electrical Construction Wiring

Brandon Matzke – Silver (High School)
Justin Howie – Bronze (College)
Marchman Technical College

Architectural Drafting

Corey Lopez – Bronze (College)
Charlotte Technical Center

Carpentry

Alexander Hernandez – Bronze (College)
Ft. Myers Institute of Technology

Congratulations to these students and their teachers!

The success of these students may partly be attributed to Florida SkillsUSA's strong contest technical committees tasked with continually developing competitions at the regional and state levels. If you are interested in serving on a technical committee, please contact Courtney Miller.



Events

Florida Energy Teachers Network (FETN)

The Florida Energy Teachers Network is a two day event arranged by the Florida Energy Workforce Consortium. This is an excellent opportunity for energy teachers from all over Florida to share ideas, learn about available curriculum and meet with energy industry members. This is also a great event for school and district administrators who plan on opening energy programs.

<http://fewc.org/newwordpress/energy-teachers/>

Florida Association for Industrial & Technical Educators (FAITE)

- New preconference at FACTE as of 2015

[Click here for photos from the preconference](#)

- Resources for Teachers
- Continuing Education opportunities
- Connect with industry members

<http://www.faute.us>

CTE on the Hill Day - February

Every February during CTE Month, FACTE holds ‘CTE on this Hill’ day at the Florida Capitol. CTSO state officers and CTE students from around the state have the opportunity to showcase their skills and meet with their local representatives in the House and Senate.

I hope to see you on the Hill in February!



Questions?

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