

FACTE Update 2011

Clearwater Beach Hilton July 26th

**AGRICULTURE, FOOD, &
NATURAL RESOURCES**

CURRICULUM

- ⊙ **Reviewed & Revised Programs 2011-2012**
 - ⊙ Adding – Agriculture Biotechnology
 - ⊙ Deleting –
 - Secondary- Natural Resources
 - PSAV /AS /AAS– All Agriculture Mechanics Programs, Forestry, Forest Technology, Irrigation Management, Irrigation Technology

CURRICULUM

- ⦿ Agriscience Foundations has been officially approved as an equally rigorous science course.
 - ⦿ Level 3 course
 - ⦿ Course fulfills science graduation requirement

CURRICULUM

- ◎ **Frameworks Under Review 2012-2013**
 - ◎ All Horticulture Programs (FNGLA)
 - ◎ Aquaculture (Banner Center)
 - ◎ All Agriculture Mechanics Programs (Banner Center)
 - ◎ Floral Design
 - ◎ Land Resources Technology
 - ◎ Equine Studies

CURRICULUM

- ① **Essential Skills**
 - ① All curriculum frameworks for Career and Technical Education (CTE) programs in Florida have had Essential Skills integrated into the content. Essential Skills are the knowledge and skills considered by industry to be essential for successful entry into careers across all career clusters.

CURRICULUM

⊙ Essential Skills

- ⊙ Academic Foundations
- ⊙ Communications
- ⊙ Employability & Career Development
- ⊙ Ethics & Legal Responsibilities
- ⊙ Financial Literacy
- ⊙ Information Technology Applications
- ⊙ Leadership & Teamwork
- ⊙ Problem Solving & Critical Thinking
- ⊙ Safety, Health, & Environment
- ⊙ Systems

CURRICULUM

- ◎ **Race To The Top (STEM Programs)**
 - ◎ Currently Agriculture has four STEM programs aligned with Biology. (industry certification tests are in development)
 - Agricultural Biotechnology
 - Animal Biotechnology
 - Plant Biotechnology
 - Environmental Resources

CURRICULUM

◎ Math & Science Alignment

(coming for 2012-2013)

Math		Science					
Algebra 1	0/36	Biology 1	0/56	Anatomy/Physiology Honors	0/53	Astronomy Solar/Galactic Honors	0/52
Algebra 2	0/41	Chemistry 1	0/55	Genetics	0/35	Marine Science 1 Honors	0/42
Geometry	0/45	Physics 1	0/53	Earth-Space Science	0/58	Physical Science	0/56

- ◎ This table will appear on all secondary level frameworks.

CURRICULUM

- ① **Practical/ Fine Arts Credit Approved Courses**
 - ① Agriculture Communications 2 &3
 - ① Food Science 2
 - ① Agriculture Sales & Service 3
 - ① Horticulture 3
 - ① Floral Design 1-6

CURRICULUM

◎ Middle School Courses

◎ Developing 4 new middle school courses

- Two 7th grade courses – a half credit and a full credit.
- Two 8th grade courses
 - ◎ Science based
 - ◎ Services based

INDUSTRY CERTIFICATION

⊙ **Approved Certifications**

⊙ Microsoft Bundle

- Agritechnology

⊙ Certified Horticulture Professional (FNGLA)

- Horticulture Programs

⊙ Certified Veterinarian Assistant (FVMA)

- Vet Assisting

⊙ Certified Agriculture Technician (FFB)

- Agritechnology

⊙ Adobe Certified Associate - Photoshop (Adobe Systems)

- Agriculture Communications



INDUSTRY CERTIFICATION

- ◎ **In Development**
 - ◎ Agriculture Biotechnology

INDUSTRY CERTIFICATION

- ⊙ Testing Facts
 - ⊙ FNGLA- 35 schools (397 students tested) 26% passed
 - ⊙ Vet Assisting- (186 students tested) 70% passed
 - ⊙ Agriculture Technician - (33 students) 52% passed

INDUSTRY CERTIFICATION

- ⊙ Articulation Agreements
 - ⊙ Certified Horticulture Professional (FNGLA)
 - Industry Certification can transfer 6 credit hours into a Horticulture AS degree program.
 - PSAV can transfer 6-12 credit hours into Landscape and Horticulture Technology AS degree program.
 - ⊙ Certified Vet Assistant
 - ⊙ Currently in negotiations



CAPE ACADEMIES

- ⦿ Programs that have eligible Industry Certification
 - ⦿ Horticulture Programs
 - ⦿ Agritechnology
 - ⦿ Veterinary Assisting
 - ⦿ Agriculture Communications

CAPE ACADEMIES

- ⊙ Additional Funding for Programs
 - ⊙ Each Certification will have a weight of either .1, .2, or .3 of FTE funds
 - Weights are determined based on the rigor & employment value of the certification
 - Weights are currently being determined
 - Funds are awarded for each student receiving certification & graduating from high school
 - 80% of the funding goes to program

CAPE ACADEMIES

- ⦿ Application window opened on July 15th and will close on September 9th.
- ⦿ You must apply to be an academy in order to be eligible for additional funding
- ⦿ 50% of students taking industry certification exam must pass in order for you to re-new your academy the following year.

LIST SERVE

- ③ Please let me know if your e-mail address has changed or if you are new so I can add you to the list serve.



CONTACT

For additional information contact

Amy McAllister

850-245-9017

Amy.Mcallister@fldoe.org