



DOE UPDATE

COLT Conference 2012



CURRICULUM UPDATES

- ⊙ New Secondary Program/Course:
 - ⊙ Principles of Agribusiness
- ⊙ Secondary Programs/Courses with minimal changes
 - ⊙ Agriculture Sales & Service
 - ⊙ Fundamentals of Agriscience
- ⊙ Secondary Programs/ Courses with major revisions
 - ⊙ Animal Science & Services (Inclusion of National AFNR standards)
 - ⊙ Food Science Applications (inclusion of National AFNR Standards, and Serve Safe Certification objectives)
 - ⊙ Food Science Technology (inclusion of Serve Safe objectives)
 - ⊙ Vet Assisting (inclusion of certification skills)



CURRICULUM UPDATES

- ⊙ Level 3 courses
 - ⊙ Agriscience Foundations
 - ⊙ Vet Assisting 1-5
 - ⊙ Horticulture 2-3
 - ⊙ All Biotech courses
 - ⊙ New additions to the list for 2013-2014
 - Aquaculture 2-3
 - Principles of Agribusiness



SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER
COURSES MEETING
SUBJECT AREA

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
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ANIMAL SYSTEMS CAREER PATH (AGPC)

8106100	ANIM BIOTECH Animal Biotechnology	9-12, 30, 31 /			AGRICULTUR 1 @2	
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0		
8106850	AG BIOTECH 2 Agricultural Biotechnology 2/Level 3	/Y	VO	1.0		
8106120	ANIM BIOTECH 3 Animal Biotechnology 3/Level 3	/Y	VO	1.0		
8106200	ANIM SCI & SERV Animal Science and Services	9-12, 30, 31 /			AGRICULTUR 1 @2	AGRI PROD #7
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0		
8106210	ANIM SCI & SERS 2 Animal Science and Services 2/Level 2	/Y	VO	1.0		
8106220	ANIM SCI & SERS 3 Animal Science and Services 3/Level 2	/Y	VO	1.0		
8106230	ANIM SCI & SERS 4 Animal Science and Services 4/Level 2	/Y	VO	1.0		
8106240	ANIM SCI & SERS 5 Animal Science and Services 5/Level 2	/Y	VO	1.0		
8106250	ANIM SCI & SERS 6 Animal Science and Services 6/Level 2	/Y	VO	1.0		
8112000	AQUACULTURE Aquaculture	9-12, 30, 31 /			AGRICULTUR 1 @2	
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0		
8112010	AQUACULTURE 2 Aquaculture 2/Level 2	/Y	VO	1.0		
8112020	AQUACULTURE 3 Aquaculture 3/Level 2	/Y	VO	1.0		



CURRICULUM UPDATES

◎ Middle School Courses

- ◎ Three new courses for 2012-2013
 - Introduction to Agriculture, Food, & Natural Resources (semester or year)
 - Fundamentals of Agriculture, Food & Natural Resource Systems (year)
 - Fundamentals of Agriculture, Food & Natural Resource Services (year)



CAPE ACADEMIES

- ⊙ There are 139 registered high school CAPE Academies for the AFNR cluster.
- ⊙ The middle school CAPE Academy registration window is still open.
- ⊙ Teachers must hold the industry certification they are using with the program to have a CAPE Academy.

CAPE ACADEMIES

◎ 7 required elements for a CAPE Academy

- ◎ Provide a rigorous standards-based academic curriculum integrated with a career theme;
- ◎ Include one or more partnerships with postsecondary institutions, businesses, industry, employers, economic development organizations, or other appropriate partners from the local community;
- ◎ Promote and provide opportunities for students to earn at a minimum Florida Gold Seal Vocational Scholars awards;
- ◎ Provide instruction in high skill, high wage, and high demand careers;
- ◎ Deliver instruction relevant to the applicable career, including intensive reading and mathematics intervention;
- ◎ Offer applied courses that combine academic content with technical skills;
- ◎ Provide instruction resulting in competency, certification, or credentials in workplace skills

◎ No longer a probation period for less than 50% pass rate.

- ◎ You can still register students, you will have to have an improvement strategies included in your district strategic plan.



INDUSTRY CERTIFICATIONS

◎ Certification Weights

- ◎ Vet Assisting .3
- ◎ Certified Horticulture Prof. .2
- ◎ Certified Ag Technician .1
- ◎ Certified Ag Biotechcian .1
- ◎ Adobe Certified Associate (Photoshop) .1
- ◎ Microsoft Office Specialist (MOS) Bundle Certification (3 out of 5 -Word, Excel, PowerPoint, Access, Outlook) .2
- ◎ NCCER Welder - Level 1 .1
- ◎ Serve Safe- .1

INDUSTRY CERTIFICATIONS

Indicator	Maximum Value	Description
Instructional Hours (TOTAL)	3.0	Includes classroom instructional hours and work experience hours 150 to 300 hours = 0.5 points 301 to 450 hours = 1.0 points 451 to 600 hours = 1.5 points 601 to 750 hours = 2.0 points 751 to 900 hours = 2.5 points 901 or more hours = 3.0 points
Statewide Articulation Agreements	0.5, if instructional hours value 2.5 or less	Based on SBE approved agreements
Growth Rate	1.0	Based on primary occupational linkage made by Agency for Workforce Innovation At or below the 25th percentile = 0.25 points Greater than the 25th and below or equal to 50th percentile = 0.50 points Greater than the 50th percentile and below or equal to the 75th percentile = 0.75 points Above the 75th percentile = 1.0 points
Entry Wage	1.0	See growth rate info
Average Annual Openings	1.0	See growth rate info
TOTAL	6.0 (maximum)	Total points are divided by six and rounded to two decimal places Total value up to 0.47 = weight of 0.1 Total value of 0.48 to 0.74 = weight of 0.2 Total value of 0.75 to 1.0 = weight of 0.3



FL TEAM AG ED

- ◎ Our Strategic Plan for 2011-2015 has 5 main goals.
 - ◎ **Goal 1: Increase teacher engagement in professional development.**
 - ◎ **Goal 2: Expand the number of Ag programs in Florida's schools.**
 - ◎ **Goal 3: Increase statewide resources and support for Ag Ed.**
 - ◎ **Goal 4: Increase FFA membership.**
 - ◎ **Goal 5: Enhance program quality.**

FL TEAM AG ED

- ◎ FAAE – Increase amount of participation among members, offer activities to engage members
- ◎ Alumni- Local Affiliates will work to provide support to programs
- ◎ Foundation – Partner with Association with fundraising programs like Harvest of Change

The mission of Florida Team AgEd is to provide coordinated and proactive leadership for strengthening agricultural education in Florida.



RACE TO THE TOP HARD TO MEASURE

- ⊙ Agriculture courses are part of the hard to measure grant:
 - ⊙ Agriscience Foundations
 - ⊙ Introductory Horticulture 2
 - ⊙ Animal Science 2 & 3
 - ⊙ Vet Assisting 1-4



RACE TO THE TOP HARD TO MEASURE

◎ Grant Year One-

- ◎ Completed writing Item Specifications for all courses
- ◎ Began writing Multiple Choice Items

◎ Grant Year Two-

- ◎ Revise Item Specifications
- ◎ Continue Item writing (Multiple Choice, Performance Task, and Short Response)
- ◎ Field test items (depending on Pearson software)

◎ Grant Year Three-

- ◎ Continue Field test of Items
- ◎ Mock testing with partner districts



RACE TO THE TOP HARD TO MEASURE

- ② Item bank is scheduled to be available for districts beginning with 2014-2015
- ② Items would be available to use to measure student growth.



COMMON CORE STATE STANDARDS

- ◎ Three sets of Standards
 - ◎ Reading Standards for Literacy in Science and Technical Subjects (RST)
 - ◎ Writing Standards for Literacy in History/Social Studies, Science, and Technical Subjects (WHST)
 - ◎ Mathematical Principles

FLORIDA'S NUMBERING OF THE COMMON CORE STATE STANDARDS

English Language Arts (RST & WHST)

LACC.1112.WHST.1.1

Subject **Grade** **Strand** **Cluster** **Standard**



For this example, Language Arts Common Core;
Grades 11-12; Writing in History, Science, and
Technical
Subjects; Text Types and Purposes; Standard 1

FLORIDA'S NUMBERING OF THE COMMON CORE STATE STANDARDS

MACC.912.N-RN.2.3



A diagram with six blue arrows pointing from the code to its components: 'MACC' points to Subject, '912' points to Grade, 'N' points to Category, 'RN' points to Domain, '2' points to Cluster, and '3' points to Standard.

Subject Grade Category Domain Cluster Standard

Subject	Mathematics Common Core
Grade	9-12
Category	Number and Quantity
Domain	The Real Number System
Cluster	Use properties of rational and irrational numbers.
Standard	Explain why the sum or product of two rational numbers is rational; that the sum of a rational number and an irrational number is rational; and that the product of a nonzero rational number and an irrational number is irrational.



COMMON CORE STATE STANDARDS AND CTE

- ◎ Common Core is just a different way of teaching your CTE standards in most instances.
 - ◎ A lot of standards are similar to the Essential Skills we are already using in our programs.
- ◎ Not all CCSS will be included in your frameworks
 - ◎ If there is an appropriate alignment between the CCSS and the skills used in the CTE program the they will be added



COMMON CORE STATE STANDARDS AND CTE

- ◎ CTE is not part of the PARCC evaluation
- ◎ There are fall CCSS workshops that are being offered around the state, and Agriculture examples are being used. Talk with your administration or district CTE specialist about attending those workshops
- ◎ There will be sample integration that occur with 2013-2014 frameworks, however full CTE rollout is not expected until 2014-2015 school year.



DATES TO REMEMBER

- ◎ New teacher workshop October 12th
- ◎ CTE on the Hill February 14th
- ◎ (date has not been set for Ag on the Hill)



For additional information contact

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http://www.fldoe.org/workforce/dwdframe/ag_cluster_frame12.asp

<http://www.fldoe.org/workforce/programs/ag.asp>