

FACTS UPDATE 2012

SAW GRASS RESORT
PONTE VEDRA, FL
JULY, 23RD – 25TH

**AGRICULTURE,
FOOD, & NATURAL
RESOURCES**

CURRICULUM CHANGES

2012 - 2013

- **Daggered for Deletion** (no new enrollments)
 - **All Agriculture Mechanics Programs**
 - **Floral Design**
 - **Water Resources Technology**

CURRICULUM CHANGES

2012 - 2013

- **New High School Programs**
 - **Technical Agriculture Operations (replacing Ag. Mech)**
 - **Floral Design and Marketing (replacing old program)**
 - **Environmental Water Reclamation Technology**
- **New PSAV Programs**
 - **Advanced Floral Design and Management**

CURRICULUM CHANGES

2012 - 2013

- **New Middle School Courses**
 - Introduction to Agriculture, Food, and Natural Resources (semester)
 - Introduction to Agriculture, Food, and Natural Resources and Career Planning (semester)
 - Fundamentals of Agriculture, Food, and Natural Resources Services (year long)
 - Fundamentals of Agriculture, Food, and Natural Resources Systems (year long)

CURRICULUM CHANGES

2012 - 2013

- **New Level 3 courses**
 - **Vet Assisting 1-5**
 - **Intro. To Horticulture 2**
 - **Horticulture Science 3**

CURRICULUM CHANGES

2012 - 2013

- **Courses on the Practical Arts List**
 - **Agriculture Communications 2 &3**
 - **Food Science 2**
 - **Agriculture Sales & Service 3**
 - **Horticulture 2 & 3**
 - **Floral Design 1-4**

*Will appear in the Course Code Directory with PA listed

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
8121510	INTROD HORT 2 Introductory Horticulture 2/Level 3	/Y	PA	1.0	
8121520	HORT SCIENCE 3 Horticultural Science 3/Level 3	/Y	PA	1.0	
8121610	HORT SCI & SERS 4 Horticulture Science and Services 4 /Level 2	/Y	VO	1.0	
8121620	HORT SCI & SERS 5 Horticulture Science and Services 5 /Level 2	/Y	VO	1.0	
8121630	HORT SCI & SERS 6 Horticulture Science and Services 6 /Level 2	/Y	VO	1.0	
A010615	LAND MGMT Landscape Management	30,31	/		AGRI @2 HORTICULT @7 G
ORH0885	LANDSCAPE SPEC Landscape Specialist	/Y	VO	2.0	
ORH0886	FIRST LINE SUPR/MGR1 First Line Supervisors/Managers of Lands, Lawn Ser & Grounds 1	/Y	VO	3.0	
ORH0887	LANDSCAPE CONTRACTOR Landscape Contractor	/Y	VO	1.0	
8121300	LAND OPS Landscape Operations	9-12,30,31	/		AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriscience Foundations 1/Level 3	/Y	SC	1.0	
8121510	INTROD HORT 2 Introductory Horticulture 2/Level 3	/Y	PA	1.0	
8121520	HORT SCIENCE 3 Horticultural Science 3/Level 3	/Y	PA	1.0	

PROGRAMS UNDER REVIEW 2013-2014

- **High School Programs**
 - Animal Science and Services
 - Food Science Applications & Technology
 - Agricultural Sales and Services (already completed)
 - Fundamentals of Agriscience
 - Veterinary Assisting (already completed)

PROGRAMS UNDER REVIEW 2013-2014

- **PSAV Programs**
 - **Water Treatment Technologies**
 - **Wastewater treatment Technologies**
- **Possible Deletion – No enrollments**
 - **Water Distribution Operator**
 - **Solid Waste Disposal Operation**
 - **Advanced Water Treatment Technologies**

PROGRAMS UNDER REVIEW 2013-2014

- **AS Degree Programs**
 - **Agriculture Production Technology**
 - **Aquaculture Management**
 - **Veterinary Technology** (already completed)
 - **Zoo Animal Technology**
 - **Marine Environmental Technology** (already completed)
- **Possible Deletion – No Enrollments**
 - **Citrus Production Technology**

NEW PROGRAMS

- 2 new High School Courses
 - Capstone courses (taken after three agriculture courses)
 - Principles of Agribusiness
 - Agriculture Leadership and College Planning

AG. FOUNDATIONS SCIENCE CREDIT

- In the course code directory Agriscience Foundations is coded with an SC not VO.
- Students do not need to complete a program to receive the science credit.
- Beginning with the students entering the 9th grade in the 13-14 school they will need equally rigorous science and foundations will then be coded EQ.

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

COURSES MEETING

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE / COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	SUBJECT AREA	GRADUATION REQUIREMENTS	CREDIT	CERTIFICATION
------------------------------	--	-----------------------------	--------------	----------------------------	--------	---------------

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		

ACADEMIC ALIGNMENT

	ALG1	ALG2	GEO	APH	ASGH	BIO1	CHM1	ESS	GEN	MS1H	PS	PHY1
Ag. Foundations	9/36 25%	#	2/45 4%	32/53 60%	19/52 37%	40/56 71%	21/55 38%	22/58 38%	23/35 66%	28/42 67%	24/56 43%	19/53 36%
Aquaculture 2	5/36 14%	1/41 2%	4/45 9%	38/53 72%	27/52 52%	50/56 89%	30/55 55%	21/58 36%	24/35 66%	36/42 86%	35/56 63%	30/53 57%
Aquaculture 3	5/36 14%	#	4/45 9%	22/53 42%	28/52 54%	35/56 63%	35/55 67%	30/58 52%	20/35 57%	36/42 86%	40/56 71%	34/53 64%

INDUSTRY CERTIFICATIONS

- **Testing Facts**
 - **FNGLA- 223 student tested (22 schools) 50% passed**
 - **Vet Assisting- 242 students tested**
178 passed (73%)
 - **Cert. Ag Tech.- 242 students tested**
178 passed (73%)

CAPE ACADEMIES

- The window to register CAPE Academies for this school year should be open shortly.
 - Your school district will receive notification when the window dates have been open.

CAPE ACADEMIES

- 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
 - Funds are awarded for each student receiving certification & graduating from high school
 - 80% of the funding goes to program

*** Your district must register your program as a CAPE academy, in order to be eligible for funding**

CAPE ACADEMIES

- Each school district must have plans to implement one middle school CAPE Academy.
- Students must complete all components of certifications, funds will not be awarded for student who receive PPE certifications.
- Work experience hours for graduates must be completed before the next school year begins.

DOE – AG HOMEPAGE

- <http://www.fldoe.org/workforce/programs/ag.asp>
- Includes information about:
 - Industry Certification
 - Links to Teacher resources
 - Presentations
 - Enrollment information

The Agriscience, Food, & Natural Resources Career Cluster is divided into seven pathways: Food Products and Processing Systems; Plant Systems; Animal Systems; Power, Structural and Technical Systems; Natural Resource Systems; Environmental Service Systems; and Agribusiness Systems. Hundreds of Agriscience, Food, & Natural Resources educational opportunities in a variety of trades and programs are offered throughout the state in school districts, community colleges and state universities.

Program Links

- [Curriculum Frameworks - \(2012-2013\)](#)
- [Curriculum Frameworks - \(2011-2012\)](#)
- [Banner Center for Agriscience - Curriculum](#)
- [My CAERT Agriculture Curriculum](#)
- [Comprehensive Course Table \(CCT\)](#)

Career and Technical Student Organizations

- [National FFA Organization](#)
- [Florida FFA Association](#)

Certification Links

- [Florida Farm Bureau Agriculture Certification Programs](#)
- [Florida Nursery, Growers and Landscape Association \(FNGLA\)](#)
- [Animal Care Technologies \(ACT\) - Vet Assisting](#)
- [Florida State Florist Association \(FSFA\)](#)

Related Links

- [Florida Ag in the Classroom](#)
- [Florida Department of Agriculture](#)
- [United States Department of Agriculture \(USDA\)](#)
- [Florida FFA Foundation](#)
- [Florida FFA Leadership Training Center](#)
- [University of Florida](#)

Presentations

- [COLT Conference Update](#) (PDF, 3MB)
- [FACTE Conference AG Update \(July 2011\)](#) (PDF, 129KB)
- [Industry Certification and CAPE Reporting - FACTE 2011](#)

Enrollment Information

- [2010-2011 AG Program Enrollment](#) (Excel, 2MB)

TEACHING RESOURCES

- **MyCaert**
 - Florida statewide subscription ends July 2013
 - <http://mycaert.com>
- **Ag Banner Center**
 - <http://www.agrisciencebannercenter.org/curriculum.html>

To register for a log in id and password contact Frankie Hall (frankie.hall@ffbf.org)



FLORIDA



[Home](#)

[About MyCAERT](#)

[Take a Tour](#)

[Pricing](#)

[Order Form](#)

[State Subscriptions](#)

[Career Profiles](#)

Welcome Amy McAllister

Department of Education

[Edit Profile](#) | [Log Out](#)

Subscription Expires on: 7/1/2013



My COURSES

[Generate a List of CAERT Materials](#) > [Build Course Outline by Lesson Plan Library](#)

Select the Area(s) below to find Lesson Plans of interest.

Mouse over CD Title to view cover image.

Generate List of CAERT Materials:



[By Math Standards](#)

[By English Standards](#)

[By Lesson Plan Library](#)

[By National AFNR Standards](#)

[By Course Standards](#)

[By Academic Standards](#)

[By Existing Course Outlines](#)

[By Library Outline](#)

Lesson Plan Libraries

[Florida Agriscience](#)

Expiration Date: 7/1/2013

[Florida Agritechnology](#)

Expiration Date: 7/1/2013

[Florida Animal Science & Service](#)

Expiration Date: 7/1/2013

[Florida Environmental & Biotechnology](#)

Expiration Date: 7/1/2013

[Florida Technical Ag Operations](#)

Expiration Date: 7/1/2013

+ My Courses

[Manage Folders](#)



+ My File Manager



Curriculum

Each year the Banner Center for Agriscience will revise program frameworks and develop curriculum for secondary Agriculture Education courses according to the Next Generation Occupational Standards as determined by the Agriculture, Food and Natural Resources Working Group through the Florida Department of Education.

Current Curricula

- Agritechnology: www.mycaert.com
- Animal Science: www.mycaert.com
- Veterinary Assisting (Log in at right)
- Ag. Communications (Log in at right)
- Agriculture Biotechnology: www.mycaert.com
- Aquaculture (Log in at right)
- Plant Biotechnology: www.mycaert.com
- Environmental Resources: www.mycaert.com

Future Curricula (Release May 2012)

Curriculum Log In

(This is not the CAERT Log In)

Enter Password Protected Area

Username:

Password:

COMMON CORE ALIGNMENTS

- CTE courses will probably look to similar Science and Social Studies courses where you have mixed grade levels.
- Much more information to come.....

CTSO FLORIDA FFA

- Florida FFA now has **16,350 members!**
- The 84th Florida FFA Convention had 4,314 members & guest in attendance.
- For more information about Florida FFA visit the website – www.flaffa.org

LIST SERVE

- Send me information about new hires and those leaving your district so I can update the list serve.
- If you are not currently receiving messages & updates from the DOE list serve, please let me know so I can add your information

CONTACT

Amy McAllister

850-245-9017

Amy.mcallister@fldoe.org