

**VALENCIA COMMUNITY COLLEGE  
SUMMARY OF  
2008-09 PROGRAM CHANGES  
2009-10 PROGRAM SUCCESS STRATEGIES**

Program Name	0809 Curriculum Changes	0910 Curriculum Changes	Proposed New Specializations, Degrees & Certifications	Industry Certifications	Current Industry Partners	Proposed New Industry Partners	Career Pathway Articulation	Career Pathway to Bachelors Degree
<b>ARTS &amp; ENTERTAINMENT</b>								
Digital Media	Due to the major changes that were made for Fall 2008, no other changes were made	We are monitoring the effect of our new pre-requisite structure. We may propose new tracks for Fall 2010 in the areas of live entertainment and web development (frontend engineering)	Digital Media for Live Entertainment and Frontend Engineering	We don't prep students for certifications, but many would pass certain Adobe and Apple Pro User Certifications	- Digitech Interactive - The Digital Media Banner Center - Harrington Group	Helious Entertainment, military simulation companies, and the new branch of Digital Domain opening in St. Lucie County, FL	Yes	12 credit hours in our program will transfer to Stetson or UCF. Also, UCF's BAS degree
Entertainment Design	None	Add Stage Management course to the Live Show Production Specialization. Delete Advance AV Production, Stagecraft will become pre/co-requisite for Technical Theater Production	Investigate the addition of 3D Computer Modeling to Design Specialization	The only industry certification is Rigging and that is beyond the scope of this program.	Walt Disney World Sea World PRG Candela Controls Northland Church O.C. Convention Center		Yes	UCF's BAS Students routinely transfer to Rollins, USF and FSU
Film Production	We will be having a workshop as part of the FIL 2580 course when we receive our new "The Red One HD Camera"	We should offer a 2 credit Post-Production Sound class during the summer session. Since FIL 2543 has been approved as a 4 credit course, we will have to make some other adjustments in the program to keep the total credits at 64 credits.	We are in early discussions with UCF regarding a possible articulated pre-major in Film Production	N/A	Walt Disney World Universal Studios Panavision Cinevideo Tech Hollywood Rentals Chapman/Leonard TAI Audio	The structure of our program allows our students to work regularly with industry professionals and vendors	No	UCF's BAS degree
Graphics Technology	We adjusted technical certificates to require fewer prerequisite overrides and changed a few course names and numbers to ensure certain courses will transfer to UCF.	Change the prerequisite course in the two Interactive Design certificates.	Due to high demand, we may need to consider increasing our Interactive/Web course offerings.	Students can elect to take Adobe software certifications after completing courses that focus on learning Adobe software.	We are well connected with just about every business and professional organization in the Orlando area		Yes	UCF's BAS. Also, many Florida 4-year Bachelor's programs in design will accept several graphics transfer credits from Valencia
Music/Sound Technology	None	Technology Track majors should be able to count on business electives, particularly Entrepreneurship. Also, a new 1-credit course on Digital Audio Workstation (DAW) needs to be developed	A program track in Arts & Entertainment Management	Pro Tools pre-certification	Recording studios, post-production house, performing organizations, audiovisual companies, theme parks, live-show production houses, audio-		Only for the music-related courses	UCF's BAS degree We have no formal articulations. Some students enroll in the BA

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					book studios, radio and TV stations, mastering houses, translation companies, music business firms and entertainment law firms			and BM degrees in Music at UCF, Rollins and Stetson
<b>BUSINESS</b>								
Accounting Technology	The Intermediate Accounting II (ACG 2110) online WebCT Site was completed on West campus. Now students can take Intermediate Accounting I and II online	Due to the upcoming changes in the rules of accounting, the curriculum and outcomes will be affected. The U.S. is switching from GAAP to IFRS (International Financial Reporting Standards). We are transitioning starting now with a tentative completion date in 2014.	As IFRS continues to replace GAAP, future development will require familiarity with the new rules.					UCF's BAS degree
Business Administration	Addition of Psychology option for degree programs. Addition of Economic option for the Finance and Management specializations (ECO2013 and ECO2023). In Industrial Management Technology, an articulation with OUC was added where employees can get 20 credits toward the degree.	Faculty are examining elective opportunities for our current programs and how they should be listed. Possible AAS degree acceptance for transfer to state universities.	Management track in Arts and Entertainment; International Business program; Entrepreneurship program; and expanding the Industrial Management Technology program with other industries	Florida Real Estate – Realtor, INS Insurance Certification, Human Resources Management Certifications	Progress Energy, OUC, Firehouse Subs, Orange County Government, Orange County Clerk of Courts, Disney Entrepreneurship Center, AAA, Bouchard insurance, Brighthouse Network, FedEx & UPS		Yes	Articulated AS to BA/BS degree; We also have articulations with Capella, DeVry, Kaplan, Montreat, Mountain State and Strayer
Office Administration	Changed the software being taught in the OST 2813 Desktop Publishing course. Added OST 1257 Medical Terminology and OST 1467 Intro to Body Systems as H1 and H2 courses	The reconstruction of this degree to include OST 2120 Office Simulation as the Capstone course	Possible review of the Coder/Biller program to include more courses on Billing. Inclusion of a Review course to lead students to take the coding certifications	Microsoft Word, Excel and Access Certifications	Greater Orlando Aviation Authority, Tedder, James Worden & Associates, University of Central Fla., Florida Physicians Medical Group, Orlando Health, Carpenter Claydon Advisors Inc., Lockheed Martin, Camp Dresser & McKee, and Roetzel & Andress		Yes. We have Tech Prep Career Pathways and articulation agreements with both OCPS Tech Centers and TECO	UCF's BAS degree
<b>CRIMINAL JUSTICE &amp; PARALEGAL STUDIES</b>								
Criminal Justice Technology	None	Several electives will be added; Will make Humanities credits compatible with UCF's requirements; Updating old course titles; Make Intro to Criminal Justice a prerequisite for 2 courses; Make completion of English and reading prep courses a prerequisite for Criminal	Researching possibility of developing a new certificate program such as security	None	Advisory Committee		Tech Prep Career Pathways has been productive, particularly with Boone's Criminal Justice magnet program	A.S. to B.S. degree and UCF's BAS degree



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Building Construction	Creating one new class (REVIT) for Spring 2010	Researching viability of Intro to Solar/Sustainable Energy and hybrid Estimating/Scheduling pair	Research possible new elective course and/or certificate options in Solar PV System Design and Installation	ADDA Drafter, NCCER Carpentry & Construction, NCCER Project Management	CFBE, ABC, Orange County Bldg. Architects, Contractors, Manufacturers	AGC UCF City of Orlando	Orange and Osceola County PS Drafting students	BAS at UCF in Supervision, SCC is working on BS in Construction Management
Civil/Surveying	The design software was upgraded in all areas	Researching the possibility of an advanced materials class for the purpose of obtaining required certification	There is potential for a 20 credit hour certificate in surveying	Certified Survey Technician (CST)	Hubbard Construction, Southeastern Surveying & Mapping, Williams Company, DRMP, HLM Design, Heery International, and Property Tax Administration	Any civil engineering, environmental engineering, highway construction, land development or land surveying company	Only through Tech Prep classes that are offered in the drafting program	BAS at UCF in Supervision
Computer Engineering	New Cisco Networking Academy curriculum; New Cyber Security Fundamentals course, Network Security course, and Digital Forensics course – will be offered in Spring 2010	In process of adding a third specialization in Information Assurance and Digital Forensics; Also more courses will be offered in the hybrid mode	Network and Desktop Virtualization Technologies, Network Security, Information Assurance, and Digital Forensics	COMPTIA A+, COMPTIA Net+, MCP, MCSE, MCSA, CCNA, and CWNA - New	Smart City Telecom Walt Disney World Bright House		Tech Prep and Articulations with Orange and Osceola County Tech Centers	No
Drafting and Design	The design software was upgraded in all areas	None	None	There are certifications offered in drafting through ADDA and Autodesk	Progress Energy, HLM Design, Heery International, Monta Consulting & Design, and EDD of Florida	Any mechanical engineering, manufacturing or architecture company	We have Tech Prep classes that offered in this program	BAS at UCF in Supervision
Electronics Engineering	Development of Introduction to Photovoltaic Technology course to be offered in Fall 2010; multiple hybrid courses will also be offered	Development of several new additional advanced-level photonics courses; also more renewable energy and fuel cell technology courses	Further investigation into possibility of offering Biotechnology and Nanotechnology courses and certification; also possible specializations in Biomedical, Biotechnology, and Alternative & Renewable Energy		Northrop Grumman, Walt Disney World, Brighthouse, Universal Studios, OCPS, Florida High Tech Corridor Council, Florida Photonics Cluster, Economic Development Commission, and Product Design Solutions		We have articulation agreements with Orange and Osceola County Tech Centers, as well as Tech Prep Career Pathways	UCF's BAS degree Did have UCF's BSEET program, but they recently discontinued it.
<b>HEALTH SCIENCES</b>								
Cardiovascular Technology	None	Modifications will be addressed after our JRC-CVT self-study report.	Possibly an Advanced Certificate in Electrophysiology, and one in Peripheral Interventions	None	Orlando Health Florida Hospital Osceola Regional Health Central Monroe Regional Florida Hospital – Ormond Halifax Medical Center Holmes Regional	Tampa General	No	UCF's BAS
Dental Hygiene	None	Modifications include electronic patient	None	Licensure as dental	Osceola County Health	Orange County	We have an	B.S. degree in

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		records and clinic fee changes		hygienists	Department, Winter Garden Family Health Center, and local dental practices	Health Department and other family health centers	articulation agreement with Orlando Tech and their Dental Assisting program	Dental Hygiene through St. Petersburg College
Diagnostic Medical Sonography	RTE 2762 Sectional Anatomy was added to the curriculum. Also SON 1003L Sonography Practice Lab was added as an Optional Lab	None at this time	Certificate program for Vascular Sonography	ARDMS – American Registry of Diagnostic Medical Sonography	Boston Diagnostic Imaging and all of the local hospitals	VA Clinic	No	UCF's BAS degree
Emergency Medical Services	Implementing our new simulation training. Also, using the state results on the different modules to determine which areas that need additional education.	The new EMT and Paramedic curriculum has been released and will be implemented by 2011. We will be readdressing our education strategies, implementing new simulation scenarios for case-based learning.	None	EMT and Paramedic. Certification	We utilize all hospital, fire departments and rescue agencies in Orange and Osceola counties		We have articulation agreements with Mid Florida Tech and TECO for EMT into Paramedic	UCF's BAS degree
Nursing, RN	No real curriculum changes were made	We are looking into the development of an Honors Program in Nursing proposal as a separate track for qualified students. These students would have an AS degree in Nursing and 12+ credits towards their BSN	The emerging trend is for more graduates to get their BSN. The Honors program in Nursing would encourage more students to do this	Licensure as a Registered Nurse	We have strong relationships with most of the local and regional hospitals, health departments, Hospice, TECO and UCF		No	Online RN Advanced Standing Track. Also the AS to BS degree In Nursing
Radiography	The Radiography curriculum was redesigned to move the program start date to May instead of August	On May 2010, we will begin the new curriculum. The RTE 1000 Intro. to Radiography course will be designed as a predominately online course.	None at this time – until the job market improves	Radiography, Computed Tomography and Magnetic Resonance Imaging	Our current community partners include local hospitals, outpatient imaging centers, and orthopedic clinics	Due to the closing of UCF's BS degree in Radiologic Sciences, we have been offered to acquire their clinical sites	No	- We are hoping Valencia will adopt UCF's discontinued BS in Radiologic Sciences - UCF's BAS degree
Respiratory Care	None	None	A bachelor's degree in Cardiopulmonary Science should be offered by Valencia. Legislative changes impacting home health industry, pulmonary clinics and polysomnography	Certified Respiratory Therapist (CRT) Other credentialing options available are RRT, NPS, CPFT, RPFT and SDS.	We have a tri-college advisory committee group consisting of faculty from UCF, Seminole State College, and Valencia, as well as managers in the community in our discipline	Home health care services and Polysomnography an pulmonary functions in preventive diagnostics techniques	No	UCF's BAS degree. We have lost UCF's Bachelor's degree in Cardiopulmonary Science for students to transition into.
<b>HOSPITALITY &amp; CULINARY</b>								
Baking & Pastry and Culinary Management	We added a 3 credit composition class and added 2 credits to the nutrition class	None	None	Sanitation Mgmt. Certification and Food Service Manager Certification	Restaurants, hotels and theme parks	All restaurants, hotels and theme parks	We have an Articulation Agreement with OCPS Tech Centers and TECO to receive 15 credits	Recommend AS to BS in Hospitality Management at Valencia and then transfer to the UCF Rosen School
Hospitality and Restaurant	No major changes were made	We are adding a new course in the	None at this time	None	Florida Restaurant and		We have an	Yes, we have an

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Management		Restaurant Management program (HFT 2878 Wine Essentials); We are also doing some modifications to the general education requirements.			Lodging Association and the Central Florida Hotel and Lodging Association; Orange County Public Schools and Mid Florida Tech		articulation agreement with OCPS Mid Florida Tech for our Hospitality program	articulation agreement with UCF's Rosen College and with FIU's Hosp. Mgmt. program in Miami. I am also working on a potential agreement with UCF's Rosen College for Restaurant Mgmt.
<b>INFORMATION TECHNOLOGY</b>								
Computer Information	The Computer Programming curriculum was updated to meet current industry demands	None	Virtualization Technologies	COMPTIA A+, Linux+, Security+, MCP, MCSA, MCSE, and CWNA - New	We have a wide mix of businesses on the Advisory Committee	Simulation Companies in Research Park and new industries in the Lake Nona area	Career Pathways are in place and active	BAS at UCF
Computer Programming	The degree program was updated to meet current industry demands	Several course outlines will be updated this year to meet current standards	There are no identified new degree specializations and certifications at this time.	A+, Linux+, Java, MCPD and CIW Certifications	We have a wide mix of businesses on the advisory board.	We work to continuously establish new relationships to ensure that we are adequately meeting the current needs of the marketplace.	Not at this time. We do have one in Information Technology	BAS at UCF
<b>EDUCATORS PREPARATION INSTITUTE</b>								
EPI	We have developed and implemented rubrics used for all major artifacts in our courses.	One key modification necessary is to enhance and re-design the Blackboard portion of the hybrid courses so that they are more consistent with the fully on-line courses.	N/A	N/A	The local public and private k-12 are our partners and will remain so.	We are beginning to build relationships with other school districts	N/A	N/A