Learning Today, Earning Tomorrow

Business Management & Administration
Information Technology
Career Cluster Update

FABTES Meeting

Orlando, FL

April, 2010

Business Program Update

- Voice Writing, Voice Writing 1, & Voice Writing 2 daggered for deletion next year.
- Administrative Assistant, Medical Administrative Specialist, & Legal Administrative Specialist Programs
  - Grouped together for concurrent review
  - Review to begin this year
  - Changes may be effective as early as 2011-2012 school year
- Accounting Operations
  - Review getting underway
  - Look for new and improved program structure
  - Targeting QuickBooks certification
- Business Intelligence Analysis AS/AAS Program
  - Primary program to be in IT Cluster due to SOC Code 15-1099.10
  - Derivative analysis/management program likely for Business Cluster
  - Secondary/Postsecondary implications being evaluated by Serena Peeler, et. al.
- Wendy Sikora to assume NGOS leadership role with Brenda Hubbard and Julie Summerlin on Business Working Group

Business Cluster 3-Year Plan

- 2011 - 2012
  - Business Process Management
  - Records Information Management (RIM)
  - Enterprise Risk Management (ERM)
  - Customer Assistance Technology (Review)
  - Business Administration AS/AAS (Review)
  - Office Administration AS/AAS (Review)
  - Business Intelligence Analysis (Potential)
- 2012 - 2013
  - Project Management
  - HR Compensation, Benefits, & Job Analysis Specialists
  - Promotional Enterprise (Review)
  - Electronic Business Enterprise (Review)
- 2013 – 2014
  - Suggestions for or identification of new or evolving occupations should be submitted to the Business Working Group (Brenda Hubbard/Julie Summerlin/Wendy Sikora)

IT Program Update

- Web Design Curriculum Overhaul
  - Content areas defined
  - Web Design program being enhanced
  - Industry certifications remain valid
  - CIW currently represented on committee
  - Depth of Web Application Programming impacts other target program development
- Information Technology
  - Committee Representatives from Badcock, City of Winterhaven, Broward, Miami-Dade, Lee, FSCJ, & NAF
  - Program may take multi-track structure
- Busines Computer Programming (Review/Revamp)
  - Realign program to industry
  - Update course titles and focus
  - Program may have tracks for programming languages/environments
- Digital Media Technology
  - Will be created from Multimedia Design Technology and New Media Technology programs
  - Expect launch 2011-2012
  - Need volunteers to consolidate frameworks
- PC Support 2 – 5 re-leveled to Level 3 (2010 – 2011)
- Geospatial Information Systems Technology Program
  - Now assigned to IT Cluster
  - Industry Certification: GIS Technician (Entry Level)
  - Perfect for academic integration/CAPE academy
- Busines Intelligence Analysis Program (AS/AAS+)

IT Cluster 3-Year Plan

- 2011 – 2012
  - PC Support (Review)
  - Computer Digital Forensics
  - Computer Virtualization (CCC?)
  - Convergence Technology (CCC?)
  - Realign NSS and NSA programs due to overlap
  - BI Programming Secondary/PSAV (Pending BI Impact)
- 2012 – 2013
  - Integrated Collaborative Systems (ICS)
  - GIS Application Development (Pending Web Revamp)
  - IT Project Management
- 2013 – 2014
  - Suggestions for or identification of new or evolving occupations should be submitted to the IT Working Group (Caroline Crawford/Dr. Joe Lynn Look/Duane Hume)

Top Certifications

Top 25 Exams Taken	Top 25 Exams Passed
Certified Nursing Assistant (CNA)	Certified Nursing Assistant (CNA)
Adobe Certified Associate (Photoshop)	Adobe Certified Associate (Photoshop)
Adobe Certified Associate (Dreamweaver)	Cisco IT Essentials Certificate
Cisco IT Essentials Certificate	Early Childhood Professional Certificate
Early Childhood Professional Certificate	NCCER Carpentry - Level 1
Adobe Certified Expert (Photoshop)	Adobe Certified Associate (Dreamweaver)
NCCER Carpentry - Level 1	Adobe Certified Expert (Photoshop)
Autodesk Certified User - AutoCAD	NCCER Electrical - Level 1
NCCER Electrical - Level 1	National ProStart Certificate of Achievement
Adobe Certified Expert (Premiere Pro)	Adobe Certified Expert (Premiere Pro)
CompTIA A+	ADDA Drafter Certification
National ProStart Certificate of Achievement	Certified Internet Web (CIW) Site Design
ADDA Drafter Certification	Microsoft Certified Professional (MCP)
Certified Internet Web (CIW) Site Design	CompTIA A+
Microsoft Certified Professional (MCP)	Adobe Certified Expert (After Effects)
Adobe Certified Expert (After Effects)	Microsoft Certified Desktop Support Technician
Licensed Practical Nurse (LPN)	Cisco Certified Entry Networking Technician
Microsoft Certified Desktop Support Technician	Licensed Practical Nurse (LPN)
Cisco Certified Entry Networking Technician	Certified Veterinary Assistant (CVA)
Certified Veterinary Assistant (CVA)	NCCER Electrical - Level 2
NCCER Electrical - Level 2	CompTIA Network+
CompTIA Network+	Microsoft Certified Systems Administrator
Microsoft Certified Systems Administrator	NCCER Electrical - Level 3
NCCER Electrical - Level 3	Certified Welder
Adobe Certified Associate (Flash)	Autodesk Certified User - AutoCAD

Target Certifications

- Microsoft MCAS Bundle
  - Still bundled, but set to 3 of 5 versus 4 of 6 (Vista exam eliminated)
  - Requests received for Perkins TSA as individual exams
- QuickBooks
  - Real World Training contracted by Intuit to manage exams
  - Currently exams tied to their curriculum
  - VP of Production separating exam and enhancing for Florida
  - Negotiating with CertiPort for delivery portal
  - Once dust settles, AWI/WFI to revisit for Comprehensive List
- Certified Medical Administrative Assistant (CMAA)
  - NHA waived limiting eligibility requirements but NOT for the Medical Administrative Specialist program.
  - Their exam heavily weighted with medical competencies
- CompTIA Strata and CertiPort's IC3
- 2010-2011 CAPE Window closes on April 15, 2010

School Grades & Certs

- Industry certifications figure in school grade calculations beginning in 2009-2010
- Participation Factor
  - Number of students participating compared to total students
  - Weighted credit based on number of exams students <u>take</u>
  - Example: A student who takes 3 certification exams would be weighted as 1.2 in the calculation.
- Performance Factor
  - Number of successful outcomes compared to number of students
  - Weighted credit based on number of exams <u>passed</u>
  - Example: A student who passes 3 certification exams would be weighted as 1.2 in the calculation.
- Gold Standard Articulation with 6 or more credits also increments weight
- Certification exam must be on CAPE Funding List at the time taken
- No requirement for student to be enrolled in CAPE academy
- Questions on school grade implications should be referred to Tara Goodman at 850-245-9002 or tara.goodman@fldoe.org

Professional Development

- Professional Development Institute (PDI)
  - Started late FY 2007; Continued in FY 2008 & 2009
  - Funded by Perkins
  - Budget recently supplemented with additional funds
- Mini-grants for full-time CTE teachers to achieve training/certification on DOE-approved industry certifications.
- Managed by Central Florida Community College
- http://www.cf.edu/departments/instruction/workforce/perkins.htm

Gold Standard Articulation

- Purpose – To increase the number of statewide articulation agreements based on industry certification
- Process
  – Identify high potential industry certifications
  – Identify highest enrollments
  – Identify target PSAV/AAS/AS programs
  – Identify institutions offering programs
  – Negotiate credit value with institutions
- State Board of Education has approved a total of 60 thus far
- Benefit accrues to the student
- Benefit also accrues to school grade calculation
- http://www.fldoe.org/workforce/dwdframe/artic_indcert2aas.asp

Gold Standard Articulation

Business/IT Related Certifications with a Statewide Articulation Agreement (31)	
Certified Internet Web (CIW) Associate Design Specialist – 6/3	Microsoft Certified Desktop Support Technician – 3/3/3
Certified Internet Web (CIW) E-Commerce Designer –3	Microsoft Certified IT Professional (MCIT) Server Administrator – 3/3
Certified Internet Web (CIW) Master Designer – 6/3	Microsoft Certified IT Professional (MCIT) Consumer Support Tech – 3
Certified Internet Web (CIW) Application Developer –3	Microsoft Certified Professional Developer – 3
Cisco Certified Network Associate (CCNA) – 12/12	Microsoft Certified Systems Administrator (2003/8) – 3
Cisco Certified Network Professional (CCNP) – 12/12/6	Microsoft Certified Systems Engineer (MCSE) – 9/3
CompTIA A+ – 6/3	Microsoft Certified Systems Engineer (MCSE) Windows 2003/8 – 3
CompTIA Network+ – 3/3	Microsoft Office Master – 3
CompTIA Server+ – 3/3	Oracle Certified Associate (OCA) – 6
CompTIA Security+ – 3	

Practical Arts

Business Cluster Courses	IT Cluster Courses
8217130 – Custom Promotional Sales and Distribution Management	8207110 – Web Design 1
8217110 – Custom Promotional Layout Design	8207120 – Web Design 2
8200340 – Introduction to E-Commerce	8207130 – Web Design 3
	8207140 – Web Design 4
	8207150 – Web Design 5
	8207160 – Web Design 6
	8212430 – Multimedia Foundations 1
	8212440 – Multimedia Foundations 2
	8212450 – Multimedia Foundations 3
	8207410 – New Media and Digital Imaging Fundamentals
	8207420 – Digital Video and Sound Fundamentals
	8207360 – Web/Digital Media
	8208120 – Game and Simulation Design
	8208110 – Game and Simulation Foundations
	8207310 – Introduction to Information Technology
	8600280 – GIS Analysis & Modeling
	8600290 – Advanced GIS Applications

Florida BTE ListServe

- An e-mail-based forum intended to encourage the free interchange of ideas, best practices, and communication among BTE stakeholders in Florida.
- Membership on the list is <u>voluntary</u> and limited to
  - Florida business teachers,
  - District supervisors and resource teachers,
  - Community college or university faculty or administrators
  - Interested educators with a stake in business technology education.
- Vendors may not be included.

Florida BTE ListServe

Current Florida-BTE-L Members

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To be added to or removed from Florida-BTE-L, send an e-mail to Duane Hume.

FACTE

- With so many changes in the wind, attendance at this year's conference is highly recommended for teachers and district/school leadership.
- Professional development sessions derived from Differentiated Accountability
- Legislative, policy, and program updates.
- Hilton Clearwater Beach Hotel, August 2 – 5, 2010
    - August 2 & 3: Pre-conference Activities
    - August 4: Opening session, DOE Roundtables/Updates, Awards Ceremony, & President's Reception
    - August 5: Division breakouts, Closing session.
- www.facte.org

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