

PROGRAM COMMITTEE NAME:		ADVISORY COMMITTEE – COMPUTER INFORMATION SYSTEMS and NETWORKING & CYBER SECURITY				
CHAIRPERSON:		JOHN SUMMERS				
MEETING DATE:		12/6/13	MEETING TIME:	3:14 PM	MEETING PLACE:	VIA E-MAIL AND TELEPHONE
RECORDER:		LYNNE SEAL		PREVIOUS MEETING:	JANUARY 6, 2012	
COMMITTEE MEMBERS						
List all members of the committee, then place an X in the box left of name of those present						
	NAME	TITLE	EMPLOYER INFO	PHONE	EMAIL	
1	Matt Adams	Vice President	Money Methods	806-353-8782	matt@moneymethods.com	
2	Jeff Babb	Assistant Professor, CIS Department	West Texas A&M University	806-651-2440	jbabb@wtamu.edu	
3	OJ Blankenship	IT Services	Pantex	806-477-3615	oblanken@pantex.com	
4	Curtis Duck	IT Director	AutoInc.	806-372-9610	ced@auto-inc.us.com	
5	LeAnn Estep	Director, Career & Technology	Amarillo ISD	806-326-1319	leann.estep@amaisd.org	
6	Larry Gray	Systems Administrator	City of Amarillo	806-378-3000	larry.gray@amarillo.gov	
7	Chris Lyles	Office Administrator	Amarillo EDC	806-379-6411	chris@amarilloedc.com	
8	Dorinda Mote	VP, Software Development	CSI	806-358-7261	Dorinda.mote@cisweb.com	
9	Diane Murphey	Dean, School of Business & Technology	Oklahoma Panhandle State University	580-349-1446	diane@opsu.edu	
10	Rick Redman	JDE Implementation Project Manager	City of Amarillo	806-378-3068	rick.redmond@amarillo.gov	
11	Scott Stubbs	Data Architect	Happy State Bank	806-376-6251	sestubbs@gmail.com	
12	John Summers	Vice President, Mainframe Systems	Western National Life	806-371-1750	coolsailing@att.net	
13	Shannon Waitman	Senior Project Manager	Hastings	806-677-1673	shannon.waitman@goHastings.com	
EX-OFFICIO'S PRESENT						
14	Carol Buse	Chair, CIS Department	Amarillo College	806-371-5994	acbuse@actx.edu	
15	Gil Carnahan	Prog. Coord., Networking & Cyber Sec.	Amarillo College	806-371-5275	gccarnahan@actx.edu	
16	Lee Colaw	Chief Information Officer	Amarillo College	806-371-5151	lmc colaw@actx.edu	
17	Ervin Frenzel	Instructor, CIS Department	Amarillo College	806-371-5930	ehfrenzel@actx.edu	
18	Toni Gray	Director of Criminal Justice Programs	Amarillo College	806-354-6083	tbgray@actx.edu	
19	Donna Pergrem	Advising Associate	Amarillo College	806-371-5451	drpergrem@actx.edu	
20	Rashmi Pillai	CIS Lab Administrator	Amarillo College	806-371-5220	rspillai@actx.edu	
21	Mark Usnick	Associate Professor, CIS Department	Amarillo College	806-371-5239	mculusnick@actx.edu	

Advisory Committee Meeting Minutes

AGENDA ITEM	ACTION DISCUSSION INFORMATION	RESPONSIBILITY
Old Business:		
Continuing Business:		
New Business:	Proposed changes to curriculum for COSC.AAS degree.	Carol Buse
Curriculum Decisions:	Proposed changes were unanimously agreed to by the committee members.	Advisory Committee
Other:		
KEY DISCUSSION POINTS	DISCUSSION	
Old Business:		
Continuing Business		
New Business:		
Curriculum Decisions:	<p>Dr. Buse sent an email to all Advisory Committee members with proposed changes to the curriculum. Dr. Buse indicated that additional changes will be coming in the new year to address legislation that by 2015 Fall all A.S. and A.A.S. degrees require no more than 60 semester hours to complete.</p> <p>These initial changes, if approved, will go into effect 2014 Fall.</p> <p>The primary changes under discussion are for the COSC.AAS degree and supporting certificates:</p> <ol style="list-style-type: none"> 1. To start the reduction of number of credit hours for the COSC.AAS to comply with the state mandate of 60 credit hours by Fall 2015. 2. Remove less popular major options of the COSC.AAS degree to simplify the degree. 3. Replace some courses with ones that are more relevant to the course of study. <p>Details of the proposed changes are attached to the minutes.</p>	

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Committee comments included:

- moves the curriculum to match the changes in the IT employment landscape
- adding a more advanced database course with an industry standard DBMS was met with approval
- with both of the certificates, all the courses can be applied to completing the AAS, allowing students to get employable skills and still be able to slowly complete their associates and, hopefully, move into a 4-year degree
- AAS requires ITSE 1311-Beginning Web Programming and INEW 2334-Advanced Web Programming, but not ITSE 2302-Intermediate Web Programming; can students take the Advanced without the Intermediate?
- The Intermediate Web Programming is not required for CIS students, so an elective may be needed to allow CIS students to take the class. The Intermediate web class is primarily for Art students who need a scripting course. Students taking Advanced Web Programming must take either Intermediate Web Programming or Programming Techniques and Logic I. Both the CIS and the Art students should have the background for the advanced class.

After the discussion period, Advisory Committee unanimously agreed to the proposed changes.

Other:

The next Advisory Committee meeting will take place during 2014 Spring semester, precise date to be determined.

Chairperson Signature:

John Summers, Advisory Committee Chair

Date:

12/16/13

Next Meeting:

To be determined

Advisory Committee Meeting Minutes

CIS Department – Proposed changes Computer Information Systems – Associate of Applied Sciences Degree

Change the COSC.AAS (Associates degree in CIS) in the following ways:

- Reduce the total hours from 67-72 to 64-65, in an attempt to move to a 60 hour Associates Degree by Fall 2015.
- Remove the Systems Analysis course from the Major Course Requirements and replace it with an Advanced Database course.
- Remove the Major Elective Requirement.
- Remove the Cyber-Security, Business, Education, Media, Recording Engineering, and Computer Information Systems options from the degree, leaving the Computer Programming, Web Development, and a new Computer System Support option.
- Add a Programming Mobile Devices course to the Computer Programming option.
- Add an Intermediate Web Programming (Java Script) course to the Web Development option.

1. Change the Major Course Requirements:

Major Course Requirements (37 Semester Hours)	Major Course Requirements (35 hours)
BCIS 1305 - Business Computer Applications	BCIS 1305 - Business Computer Applications
BCIS 1401 - Microcomputer Applications	ITSC 2335 - Application Software Problem Solving
COSC 1415 - Programming Techniques and Logic Design I	COSC 1415 - Programming Techniques and Logic Design I
CPMT 1351 - IT Essentials: PC Hardware and Software	CPMT 1351 - IT Essentials: PC Hardware and Software
ITSC 1407 - UNIX Operating System I	ITSC 1307 - UNIX Operating System I
ITSE 1311 - Beginning Web Page Programming	ITSE 1311 - Beginning Web Page Programming
ITSE 2309 - Database Programming	ITSE 2309 - Database Programming
COSC 2430 - Programming Techniques and Logic Design II	COSC 2430 - Programming Techniques and Logic Design II
BCIS 2390 - Systems Analysis I	ITSE 2347 - Advanced Database Programming
ITSY 1342 - Information Technology Security	ITSY 1342 - Information Technology Security
INEW 2334 - Advanced Web Programming	INEW 2334 - Advanced Web Programming

Justification for changes:

1. Replace BCIS 1401 with ITSC 2335. ITSC 2335 will focus the student's skill in problem solving rather than rote "pointing and clicking". It is a more appropriate course to prepare students to effectively use Microsoft Office and prepare for the MOS certification.
2. Remove BCIS 2390 Systems Analysis I. This course does not transfer to any four-year Universities.
3. Add ITSE 2347 Advanced Database Programming. Adding another database course will allow the CIS department to teach a more relevant DBMS (such as SQL Server or Oracle). The US Bureau of Labor indicates job growth in Database Administration.

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CIS Department – Proposed changes

Computer System Support Certificate

2. Cancel the Marketable Skills Certificate (11 hours) and create a Level I Certificate called Computer Support Certificate (15 hours). The new certificate is designed to prepare students for entry level positions in any type of business.

Current: Microcomputer Software Specialist Certificate (11 hours)	Proposed: Computer System Support Certificate (15 hours)
BCIS 1305 – Business Computer Applications BCIS 1401 – Microcomputer Applications ITSE 1311 – Beginning Web Page Programming ITSC 1191 – Special Topics in Computer and Information Sciences	BCIS 1305 – Business Computer Applications ITSC 2335 – Application Software Problem Solving (Prepares students for MOS Certification) ITSE 1311 – Beginning Web Page Programming CPMT 1351 – IT Essentials: PC Hardware and Software (Prepares students for A+ Certification) ITSE 2309 – Database Programming

Justification for changes:

4. The Texas Higher Education coordinating board considers students completing certificates of 15 hours or higher to be counted as “completers” in formula funding.
5. ITSC 2335 will focus the student’s skill in problem solving rather than rote “pointing and clicking”. It is a more appropriate course to prepare students to effectively use Microsoft Office and prepare for the MOS certification.
6. CPMT 1351 better prepares students than the 1 hour Special topics class. Students have the opportunity to test for the A+ certification as part of the course.
7. Add ITSE 2309 Database Programming to the certificate. This is a beginning course in database and covers Microsoft Access.

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CIS Department – Proposed changes

Web Developer Specialist Certificate

3. Change the Web Development Certificate.

Current: Web Developer Specialist Certificate (15 hours)	Proposed: Web Developer Specialist Certificate (15 hours)
BCIS 1305 - Business Computer Applications ITSE 2309 - Database Programming ITSE 1311 - Beginning Web Page Programming ITSE 2302 - Intermediate Web Programming INEW 2334 - Advanced Web Programming	BCIS 1305 - Business Computer Applications ITSE 1307 – Unix Operating Systems I ITSE 1311 - Beginning Web Page Programming ITSE 2302 - Intermediate Web Programming INEW 2334 - Advanced Web Programming

Justification for changes:

8. Replace Database Programming (Access) with Unix. Unix is a more appropriate skill for a Web Developer. Unix is used as the platform for many Web Servers and Access is rarely used as the DBMS in web applications.