

Advisory Committee Meeting Minutes

PROGRAM COMMITTEE NAME:			ADVISORY COMMITTEE – COMPUTER INFORMATION SYSTEMS		
CHAIRPERSON:	JOHN SUMMERS				
MEETING DATE:	February 25, 2016	MEETING TIME:	12:00 PM	MEETING PLACE:	Amarillo College – Down town campus, room 112B
RECORDER:	Toni Van Dyke			PREVIOUS MEETING:	May 20, 2014
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
X	Duane Crowley	SEG Manager Core	CSI	806-676-6395	<u>Duane.crowley@csiweb.com</u>
X	Diane Murphy	Dean, School of Business & Technology	Oklahoma Panhandle State University	580-349-1446	<u>diane@opsu.edu</u>
X	John Summers	Director of Applications	ALG Fixed Annuity	806-371-1750	<u>coolsailing@att.net</u>
X	Lee Colaw	VP of IT	Amarillo College	806-371-5151	<u>lmcclaw@actx.edu</u>
X	Scott Stubbs	Software Developer	Happy State Bank	806-433-5402	<u>sstubs@happybank.com</u>
X	Victoria Taylor-Gore	Department Chair-Assistant Professor Art	Visual Arts	806-371-5982	<u>vtaylor@gore@actx.edu</u>
X	Minh Lam	Network Administrator	Sprouse Shrader Smith	806-468-3390	<u>Minh.lam@sprouselaw.com</u>
X	Cody Case	Student Representative	Amarillo College	806-371-5989	<u>ccase@amarillocollege.com</u>
	Rick Redmond	JDE Implementation Project Manager	City of Amarillo	806-378-3068	<u>rick.redmond@amarillogov.com</u>
	Matt Adams	Vice President	Money Methods	806-353-8782	<u>matt@moneymethods.com</u>
	Dr. Terri Giddens	Visiting Professor	Texas Tech University	806-834-1048	<u>terri.giddens@ttu.edu</u>
EX-OFFICIO'S PRESENT					
X	Mark Usnick	Instructor - CIS	Amarillo College	806-371-5994	<u>acbus@actx.edu</u>
	Daniel Ferguson	Dean of Liberal Arts & STEM	Amarillo College	806-371-5216	<u>dwferguson@actx.edu</u>
	Deborah Vess	Vice President of Academic Affairs	Amarillo College	806-371-5226	<u>d0551113@actx.edu</u>
X	Karen Boatman	Instructor – CIS	Amarillo College	806-371-5930	<u>keboatman@actx.edu</u>
X	Susie Wheeler	Grants Coordinator	Amarillo College	806-371-5352	<u>lswheeler@actx.edu</u>
X	Toni Gray	Dean of Continuing Education	Amarillo College	806-371-2912	<u>tgray@actx.edu</u>
X	Samantha Jewett	Academic Advisory	Amarillo College	806-345-5664	<u>sljewett@actx.edu</u>
X	Dewayne Higgs	Instructor - CIS	Amarillo College	806-371-5217	<u>djhiggs@actx.edu</u>
X	Rashmi Pillai	CIS Lab Administrator	Amarillo College	806-371-5220	<u>rspillai@actx.edu</u>
X	Lynne Seal	Instructor	Amarillo College	806-371-5243	<u>lseal@actx.edu</u>
X	Toni Van Dyke	Administrative Assistant	Amarillo College	806-371-5269	<u>tvandvke@actx.edu</u>

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AGENDA ITEM	ACTION DISCUSSION INFORMATION	RESPONSIBILITY
Old Business:	NA	
Continuing Business:	NA	
New Business:	Proposed changes to curriculum for COSC.AAS.	Carol Buse
Curriculum Decisions:	Proposed changes were unanimously agreed to by the committee members.	Advisory Committee
Other:		
KEY DISCUSSION POINTS	DISCUSSION	
Old Business:	NA	
Continuing Business	NA	
New Business:	<p>The meeting called to order at 12:09 p.m. Introductions where made among the committee members.</p> <p>The first topic discussed was the new computer club Bash Script Crazy (BSC). Dewayne Higgs mentioned that BCS is one of the larger clubs on campus and that they have established various outreach programs for technology related issues. In October 2016, BSC will host the Association of Information Technology Professional Conference (AITP). Amarillo College and Oklahoma Texas Panhandle State University (OPSU) will help host the conference. This will be the first time that AITPA will hold a conference in the Panhandle. Local Business are encouraged to set up booths at the conference. One of the benefits of having a booth at the conference will be student recruitment from 6 different states, which are Mississippi, Louisiana, Texas, Oklahoma, Arkansas, and New Mexico.</p> <p>Next, Dr. Buse went over what the college's initiatives are and how the CIS department is working on achieving them. Some of the initiatives are:</p> <ul style="list-style-type: none"> ❖ 2020 Vision – 70% completion (students receiving a certificate or degree) ❖ 8 week Courses ❖ Stackable Certificates ❖ Block Scheduling ❖ Defined Pathways 	
Curriculum Decisions:		

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The CIS Department has already changed some of the courses to 8 weeks. There has been some issues with this as far as scheduling and planning. In addition, CIS now offers stackable certificates and block scheduling. Block scheduling is where students sign up for a set of courses, not a single course. Completion of the first 8-week courses is required in order to take the second 8-week courses in the block. Dr. Buse is going to do a write up about the success and failure of block scheduling for the VP of Academic Affairs. Block scheduling is mandatory per the state. Lastly, Dr. Buse is working on the defined pathways. Defined Pathways clearly laid out the degree plan for students. With the defined pathway, students will be able to see when the courses are offered every semester and will be able to graduate within 2 years.

Next, Dr. Buse showed the committee a handout of how she did the block scheduling this semester and what courses were offered in the block. The courses she picked for the block allows the students to graduate with a certificate in the first semester assuming they pass all 5 courses. Having the certificate gives the student practical skills to get a lower entry-level job in their field of study while working on their Associates degree. However, some of the issues with block scheduling are:

- ❖ Student only needed 4 of courses in the block, not all 5
- ❖ Course time for some of the courses in the block didn't fit student schedule
- ❖ The first 8-week courses are prerequisites to the second 8-week courses
- ❖ Meeting once a week was too challenging, need to meet twice a week
- ❖ Due to restrictions it was hard to fill the courses in the block

Dr. Buse reminded the committee that the CIS department is a Pearson Vue testing center, which does any type of IT testing. Vouchers are purchased through the Pearson Vue website along with scheduling available testing times.

Next, Dr. Buse reviewed the pathway for the CIS degree with the committee. The current CIS degree is attached to the minutes.

The recommended course schedule is for the first year is:

Semester One		Semester Two	
First 8-weeks	Second 8-weeks	First 8-weeks	Second 8-weeks
BCIS 1305	ITSC 2335	ITSC 1307	INEW 2334
CPMT 1351	ITSE 2309	ITSW 1311	COSC 2330
ITSY 1342 (16 week course)		COSC 1330	

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	<p>Dr. Buse did an overview of what the courses are in the COSC.AAS degree and had the instructors discuss what they covered in each course. After hearing what each course covers, the committee members offered their feedback which was:</p> <p>Lee Colaw was curious about 3D design, since many people associate it with computer science.</p> <p>Dr. Buse mentioned that Vicky Taylor Gore offers 3D animation.</p> <p>Vicky did mentioned that she does 3D animation and that drafting does 3D printing.</p> <p>Lee was also curious about drone programming, since drones are so popular right now.</p> <p>Dr. Buse said that she could probably put that as a special topic course.</p> <p>Mark Usnick suggested checking with the engineering department regarding 3D printing.</p> <p>Student representative, Cody Casey, said that BSC is currently looking into the purchasing and programming a drone as a club project.</p> <p>Scott Stubbs was curious about cloud development and programming, which aids in interfacing with drones or even thermostats and other home devices.</p> <p>Dewayne Higgs said BSC is currently pursuing special topics like the drone.</p> <p>Dr. Buse reminded everyone that CIS is limited on what classes we can offer.</p> <p>Diane Murphy inquired on the logical thinking ability with students who have not taken the general education classes such as college algebra.</p> <p>Dewayne Higgs mentioned that the students do struggle with the concepts in the beginning so he offers lab work, time outside of class, and lots of demonstration.</p> <p>There was a brief discussion over TSI testing and courses that transfers to 4-year universities.</p> <p>Duane Crowley asked if there are any courses that covers best practices related to applications.</p> <p>Dewayne Higgs said that they do integrate best practices in his Computer Programming and Advanced Structured Languages courses.</p> <p>John Summers mentioned that he also teaches it in his Database course.</p> <p>Duane Crowley also asked if there is any emphasis on debugging or analysis exhausting code.</p> <p>Cody Case said that he has done debugging in the Advanced Structured Languages course.</p> <p>John Summers mentioned that it could be beneficial to have students debug each other's codes.</p> <p>Dewayne Higgs said he might start doing that in the next semester.</p>
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Scott Stubbs mentioned that Happy State Bank is currently doing this. They have seen many benefits from pairing up senior analyst with a junior analyst, which makes a great learning opportunity.

Dr. Buse mentioned there are 3 courses needing to be replaced due to the ACGM deleting them in 2017FA. The courses that are being phased out are **BCIS 2390, COSC 1330, and COSC 2330.**

- ❖ First up for vote is replacing **BCIS 2390** with **INEW 2330.** **INEW 2330** course description - A comprehensive application of skills learned in previous courses in a simulated workplace. Covers the development, testing, and documenting of a complete software and/or hardware solution. This course may be used as a capstone course for a certificate or degree. Dr. Buse would like to use **INEW 2330** has a capstone class. Cody Love asked if the class would cover all the material learned in the degree and if it would apply how to use the course material in business. Dr. Buse said that the course would cover all the information learned in the degree and real world application.

John Summers called for a vote on it and the committee voted unanimously to approve the change.

- ❖ Next course up for vote is replacing **COSC 1330** with **ITSE 1330.** **ITSE 1330** course description – A study of C# syntax including data types, control structures, functions, syntax, and semantics of the language, classes, class relationships, and exception handling. Cody Love asked if **ITSE 1330** would transfer and Dr. Buse said it would transfer into a BAS degree. **COSC 1330** will still count towards the degree for students who have already taken it.

John Summers called for a vote and the committee voted unanimously to approve the change.

- ❖ Last up for vote is replacing **COSC 2330** with **ITSE 2347,** Advanced Database Programming course description - Database development using complex database programming techniques emphasizing multiple interrelated files, menu design, security implementation, and multiple access, or **ITSE 2453,** Advanced C# Programming, course description - Continuation of C# programming using advanced features of the .NET Framework Class Library.

Dewayne Higgs mentioned that the advanced database programming would allow the students to be introduced to Advanced SQL; this will help programmers learn how to interact with some form of database.

Cody Love felt that the Advanced database class with also fit the students need better than Advanced C# Programming.

Diane Murphy said both courses would fit into the Bachelor degree at OPSU.

Lee Colaw said that the database class would fit best in industry.

Scott Stubbs mentioned that in the banking industrial they are looking for none traditional database SQL.

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		Duane Crowley said that his job prefers program databases.	
		John Summers called for a vote and the committee voted unanimously for the ITSE 2347 course. They felt it would be a better fit for the students in the current industry.	
		Dr. Buse thanked everyone for coming and for serving on the committee.	
Other:		The meeting was adjourned at 1:09 pm. The next Advisory Committee meeting has not been set.	
Recorder:		Date:	Next Meeting:
Joni Van Dyke		February 27, 2016	To be determined