

Computer Information Systems

Advisory Committee Meeting Minutes
2015 - 2016

CHAIRPERSON: Ernesto Cerda		
MEETING DATE: October 5, 2015	MEETING TIME: 11:00 AM	MEETING PLACE: MSC – Bluebonnet
RECORDER: Vanessa Verjan		PREVIOUS MEETING: November 17, 2014

MEMBERS PRESENT:

Name and Business	Name and Business	Name and Business
Cruz, Joe J. City of Eagle Pass	De Anda, Adrian SWTJC EP	Eaker, Blake Uvalde Memorial Hospital
Lopez, Jesus SWTJC EP	Silva, Steve Absolute	Smith, Sandra USDA
Zurutuza, Diego Medical Center		

OTHERS PRESENT:

Name and Title	Name and Title	Name and Title
Bermea, Gilbert Vice President	Buchanan, Connie Business Industrial & Technical Studies Division Chair	De Hoyos, Elsa Counselor
Guzman, Johnny Dean of Applied Science	Mata, Margot Vice President	Perez, Luis Instructor
Silva, Connie Outreach Coordinator	Torres, Michelle Director of Outreach	

AGENDA/MINUTES:

Agenda Item	Action/Discussion/ Information	Responsibility
Meeting to Order/Welcome Remarks & Introductions:	Meeting was called to order at 11:00 AM. Administration, faculty and guests (committee members) introduced themselves. Everyone was thanked for attending the meeting.	Luis Perez
SWTJC Technical Programs Advisory Committee Guidelines Review	Connie Buchanan explained the guidelines/functions of the Advisory Committee. Mr. Guzman explained that the committee must meet at least once a year and have a quorum present. However, contact with members throughout the year via e-mail, fax or phone is strongly recommended. It is imperative that SWTJC Technical Programs are aware of what it is that employers are looking for in the graduates, as well as keeping up with new technology, program improvement suggestions, and representing the needs of students from special populations. **Guidelines were included in packet**	Connie Buchanan
Appointment/Continuation of New Chairperson	Diego Zurutuza was nominated to be chairperson. Seconded by Sandra Smith. All in favor. Motion carried by acclamation.	Committee
Appointment for Vice President	Blake Eaker was nominated to be Vice President. Seconded by Steve Silva. All in favor. Motion carried by acclamation.	Committee

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<p>Reading & Approval of Minutes</p>	<p>Everyone read the minutes, Blake Eaker motioned to approve; Steve Silva seconded the motion. All in favor – Minutes were approved.</p>	
<p>Old Business: CIS Catalog Info</p>	<p>Program description was reviewed by Diego Zurutuza. Connie explained to the committee that last year, the state mandated that all associate degrees must be 60 hours. Luis Pérez explained that ITNW 1353 was reduced from 6 to 5 hours. Diego Zurutuza: We use virtualization very much at the hospital. Luis Perez: The virtualization class was proposed and approved in the last meeting. Virtual class was used to replace one security class. Steve Silva: Is the virtual class multi-vendor or vendor specific? Luis M Perez yes, it is based on VMWARE (QEMU, Virtual Box are options). Diego Zurutoza: Citrix also Sandra Smith: Are we touching on Citrix? We use it. Blake Eaker: Server virtualization? Desktop virtualization? Luis Pérez: There are two basic lines: Regular virtualization and 3D Virtual desktop systems. Regular can be a machine to support office. 3D has more levels. Steve Silva: Are thin clients are going to be used? Luis Pérez: That is an option, an old machine can be a thin client (linux or Windows based) Blake Eaker: Is this all in one class? Luis Perez: That is the question, I am open to any ideas of what should be included Steve Silva: Are you going to be talking about VSPHERE or are you going to be managing desktop clients, Fusion, Workstation. Luis Perez: Fusion is apple, we can mention that it exists but we do not have any apple systems. ESXi is a "subset" of VSPHERE, I think that if we just stay with ESXi that is enough Blake Eaker: Because you can have both degree programs Luis Perez: I know, and we have not mentioned anything how to recover a failed VM because a hard disk failed, that's a different story too. Blake Eaker: Is this a class already being taught? Luis Perez: First time Diego Zurutuza: I do remember that when I was a student I got a glimpse of what virtualization was going to be about and right now it is one of the main system used by many companies specially the hospitals. I think it is going to be a good choice for the students VoIP very common as well. Are there any plans? Luis Perez: No plans have been made. In previous advisory meetings that has been mentioned. It is very vast, and none of the systems have to be from the same vendor. Blake Eaker: I think that will have a problem setting up a course: The different vendors are like night and day, we have CISCO, Avaya, Diego Zurutuza: CISCO</p>	

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	<p>Steve Sylva: Mytel Blake Eaker: Since our graduates usually work in the area Juan Guzman: So would that have to be vendor specific? Blake Eaker: I think that the general voice over IP stuff you can do but I do not know how well the generalized information would go from one system to another. The terminology can only take you so far Steve Silva: going to Mytel had a learning curve, all had to be done from scratch. Blake Eaker: We were trying to find somebody, we just got him from the college Blake Eaker: Is the college CISCO? Luis Perez: At least on the user side all the phones are CISCO. For the CIS program we use CISCO equipment</p>	
<p>Continuing Business: CIS Program Competencies</p>	<p>Joe Cruz: on operating systems, where I work where still stuck on XP, where are you all? General comments by all members: Windows 7 Luis Perez: Opinions regarding Windows 8 or 10? Steve Silva: Windows 8 seems to run more efficient than 7 Drawback: learning curve and it's meant for a touch interface, classic shell will make it look like 7. Almost everybody prefers 7 Blake Eaker: Windows 10 came with a new browser: Edge We have run into some hiccups with it. We still have some stuff running 32 bits Diego Zurutuza With 8 or 10 IE has compatibility issues Blake Eaker: What about servers? Diego Zurutuza: We have a mix Luis Perez: For the program we work with 2012R2, we have an old 2003 still running. Blake Eaker: We went to 2008, then 2012, 2012 has been very stable. No down time. Luis Perez: Only VMWARE can do the pass-through of a physical card to the guest Steve Silva: I started to use VMWARE because it allowed me to use 128MB of RAM, couldn't do that with Hyper-V Migrated all Hyper-V to VMWARE Students are using Windows 7 for the operating system and using command line. Diego Zurutuza: There is a big difference in layout between 7 and 10, are students being exposed to that Luis Perez: In the operating systems class. Sandra Smith: Windows 10 is more complicated to learn. Luis Perez: We are using the command prompt, specially in 2012R2, it is my understanding that Microsoft is trying to move away from the GUI ins servers Blake Eaker: It is true, in Exchange all was done through the command prompt, we have 85+ servers and all is being done through the power shell. Steve Silva: We have about 20 server environments, we do power shell also Luis Perez: When we use the power shell its mostly around</p>	

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	<p>the certification tasks: property of the NIC, Domain, user management. Blake Eaker: Trough a scripts 37:38 Sandra suggested implementing Citrix into the program.</p>	
<p>New Business: 1. CIS Program Dashboard</p> <p>2. Visualization class</p> <p>3. Smaller server technologies</p> <p>4. Classes done in blocks</p>	<p>Dashboard information: First time students 2014: 14 Overall enrollment 2014: 62 First time students 2015: 12 Overall enrollment 2015: 65</p> <p>Contact Hours 2014: 11,440 Contact Hours 2015: 11,648</p> <p>Semester Credit Hours 2014: 423 Semester Credit Hours 2015: 426</p> <p>Classes Taught 2014: 9 Classes Taught 2015: 13</p> <p>Total graduates for 2014-2015 were 6 students.</p> <p>Virtualization Plus is going to be taught for the first time, the class is entry-level and is on how to set up a virtual server, virtual machine and connecting to the network.</p> <p>Luis Perez asked for suggestions in teaching FreeNas. Steve talked about using more of the web based of cloud based. He added FreeNAS is becoming obsolete.</p> <p>Connie Buchanan informed the committee that the state is talking about making the technical programs into a block schedule.</p>	
<p>Curriculum Decisions:</p>	<p>None.</p>	
<p>Discussion/Other:</p>	<p>Joe Cruz asks whether or not the SWTJC has a recruitment team, due to noticing drops. Outreach goes out to promote the college in general. Luis Perez mentions that the High School dropping networking and programming classes. Talk of sending IT specific recruitment teams to events.</p> <p>Diego Zurutuza asked if Voice-Over IP is becoming something big. He wondered if there was a class that teaches students about VOIP. Luis Perez mentioned that Voice-Over IP has been brought up in past meetings but has not been suggested to be taught.</p> <p>Diego talked about some issues with new Windows software. In some occasions we had to downgrade the browser to work with certain systems.</p> <p>Luis Perez shared that one on the classes he feels that will need to be pulled from online classes is the server class.</p>	

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	<p>Michelle discussed TACRO and that it is a tool that they use for recruitment for the high school students.</p> <p>Eagle Pass is going to have college night and the CIS program should go out there and set up a table to recruit students.</p> <p>Ottawa University will accept all of the CIS credits to transfer and continue with their bachelor's degree.</p> <p>Discussion of the growing use of computers in the nursing field and the possibility of adding a BCIS class for the Nursing Program.</p>	
Adjournment	Motion to adjourn was made by Diego Zurutuza; seconded by Sandra Smith. All in favor, meeting was adjourned at 1:00 PM.	

Lunch was provided

RECORDER SIGNATURE:	DATE:	NEXT MEETING: Fall 2016, unless otherwise notified.
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