ANTELOPE VALLEY COLLEGE

Minutes **CA, CIS Advisory Committee**	**June 19, 2018** **BE207, 8:00 am – 10:30 am**

Type of Meeting: Advisory Committee Meeting
Note Taker: Jimmie Bowen

Committee Members:
Jimmie Bowen, CA/CIS FT Instructor
Jeff Guenther, Unisys
Wanda Killian, Unisys
Sara Rivas, AVC Job Placement Center Specialist
Anne Steinberg, Director AVC Job Placement Center
Laureano Flores, Dean CTE, Antelope Valley College

Items	Person	Action
I. Welcome and Introductions • Purpose of Advisory Committee Meetings • Purpose of this specific meeting	*Jimmie Bowen*	*Brief information of the purpose of Advisory committee, focused on information gathering to assist the departments to strengthen coursework, introduce new courses and providing consistent value to the community we serve. Creating a pipeline pathway for AVC students to the area's largest employers—Plant 42 and Edwards AFB.*
II. Issues Discussed	*Jimmie*	Issues Discussed: Jeff Guenther informed the panel that DOD 8570.1m has been absorbed with newer broader DOD 8140. S+ now down to programmers and anyone who manipulates computers. They do not necessarily need to have an Admin account locally or on the network. Unisys also requires SSCP (Systems Security Certified Practitioner) in addition to S+ for programmers and Network support. Encourage current workers to obtain CySA & CASP for career advancement. Looking for Training for Windows Server 2016 in near future as well as Windows 10. Programmers need to be able to tell if they have training in Procedure training or Object orientated programing. Ours apparently don't. Also fail Psuedo code step in building programs to be presented to the Customer for approval, don't know who to ask questions outside of book learning. Jeff and Wanda inquired about a possible Internship or apprenticeship possibilities type programs if that would help to fill their openings.

		Action Taken: Follow Up Items: Jimmie Bowen will send new certification proposals to Jeff Guenther once completed. Anne explained what was needed for apprenticeships and internships. Work study was discussed.

III. Program Updates:
  -CA
  -CIS
  -CORs, SLOs, PLOs
	Jimmie Bowen	**Issues Discussed**: Jeff Guenther discussed current industry needs. Certs in C, C#, C++ from Microsoft are a plus obtaining an interview.
		
		Only Programming Languages Used at Edwards and Plant 42 is C for Scientific Programming for Customers (Unix, Linux) and C# for Business which is on the Windows platform, no exceptions. Busy moving from JAVA to C#, and C programming..
		
		Need instruction in "Agile." or least know what it is. All classes needs to be updated to secure coding not just basic programming.
		
		All software programming is being tested with a program HP security testing.
		
		Future employees need Certs for both Security and Programming as well as Security Clearance.
		
		Action Taken:
		Follow Up Items: Jimmie Bowen will continue to update our certifications and degrees to meet new industry standards. Jimmie pointed out that we will need updated computer hardware and software in our classrooms to meet these needs.

IV. Industry Trends and Needs	*Jeff Guenther and Wanda Killian*	**Issues Discussed:** Need approximately 10 or so programmers at any given time due to expansion and turn over. Need cable pullers and fiber Installers. Certification from ISCET, ETA, BISCI or Industry. Maybe Electronics department can create Local cert for this and the Industry cert as part of program. Edwards has several openings at any given time. Also need Help Desk personnel with Security Certs, A+, N+ and CySA Certs. The same with Network support. 10 or more are needed on a rotating basis. All need Soft Skills to the Max.

		Jeff emphasized that entry-level programmers need to be Security Plus certified and SSCP certification. Was asked about Cisco Certification and Jeff stated that there was a great need for it and Cloud training. **Action Taken:** **Follow Up Items:** Jimmie Bowen will compare our current course offerings, certifications and degrees with the information provided by Jeff and Wanda and make the necessary updates, changes, and additions.
V. Mentorships and Internships	Anne Steinberg Sara Rivas Wanda Killian	**Issues Discussed:** Talked about Mentorship & Internship. Including working with Steve Linthicum from Coastline College. Looking to creating relationship with InfoGuard/FBI to create relationship for Security Clearances. **Action Taken:** **Follow Up Items:** Anne and Sara will follow-up with local employers to create mentorship/internship programs for our students.