

Advisory Committee Minutes: CA and Cybersecurity

Wednesday, September 6, 2023
Zoom
Time – 10:30 am – 12:00 am

Type of Meeting: *Annual Advisory Committee Meeting*

Committee Members:

Jimmie Bowen, AVC Business and Computer Studies Professor
Nate Dillion, Dean Social and Behavior Sciences Divison
Kent Moser, AVC Faculty and Department Chair Person
Christopher Newman, Contractor Network Services- JT4, Edwards, AFB
Mathew Hagen, Contractor Network Services – JT4, Edwards, AFB
Micheal Sutphin Contractor Network Services – JT4, Edwards, AFB
Tatiana Montano Contractor Network Services JT4, Edwards, AFB

Items	Person	Action
I. Introduction and purpose of Advisory Committee	Jim Bowen	After the purpose of the meeting was stated. Each participate introduced themselves and their qualifications.
II. Review and discussion Creation of System Administrations Certificates at AVC to meet Edwards/JT4 needs	<i>All</i>	<p><u>Issues Discussed:</u></p> <p>Currently the Contractors at Edwards do in-house training in Network/computer Support and Cybersecurity subjects. The above JT4 participates have been tasked to more the training to the outside, preferably AVC. They have been using their own employees but this pulls them off their regular tasks and their companies are struggling to maintain completion of task on time. If a suitable program can be created and approved upon they would like to have the various “Contactors” endorse the Certs from AVC.</p> <p>To start off the Team from AVC had submitted a lists of courses for two certificates to match their in house certificates based on our curriculum.</p> <p>From AVC Catalog they chose the follow:</p> <p>System Administration Level 1:</p> <p>CA 107 Microcomputer Hardware and Software Support - A+ Cert. CA 151 Microcomputer Operating Systems – A+ Cert &Linux+Cert. CA 157 Introduction to Linux Linux + - Cert. CA 171 Introduction to Networking – Networking + Cert. CA 175 Administering Windows Server - MS 70-740 Cert. CA 153 Windows 10/11 Installation</p>

System Administration Level II

CA 159 SUSE Linux Server Administration (Various Suse certs.)
 CA 170 Virtualization and Cloud Essentials
 CA 176 Windows Server Networking
 CA 182 Network Security Security +
 CA 185 Network Security, Firewalls, and VPNS
 CA 183 Security Counter Measures
 CA 179 Cybersecurity CyberOPS

Jim Bowen suggested adding CA 153 Windows 10/11 Installation and Configuration to System Administration 1. They agreed and it was not a problem.

Jim Bowen also suggested adding CA 183 Security Counter measures and possibly CA 179 Cybersecurity Cyberops

Again they saw no problem with either or both.

They were told that we would start looking into and working the cert.

Next they brought addition needs that they wanted for their employees once the earned the two above certs and would be helpful.

Juniper/Cisco Fundamentals. Jim informed them that he was already researching the items with WASTC and Cisco Academy and also greater need.

Red Hat Enterprise Linux-they were informed CA 153 already teaches the entry level certs of this by using the Opensource version of Red hat, Fedora Linux. They ask us to expand the program in the near future.

Wireshark was next discussed. Jim let explained Wireshark was used in CA 153, CA 175, and CA 176 to a limited amount. Jim said he would look into a Cert class for Wireskar and other vulnerability applications used on the network. IT was in the works moving 4 class rooms off the Campus network so theses tools can be used.

Virtualization CA 170-ask if it could be expanded. CA 175/CA 176 does some what. We would rearch for the next round of updates. In the CA 175/CA176 and CA 153 use Hyper-V in their labs. Info has already been requested on Vmware Academy and we would work on this possiblity.

They needed support for KVM in Linux. Jim Bowen will check with SUSE Academy and Red Hat Academy to see what is offered.

		<p>Last but not least they mentioned Powershell for Windows scripting as Well as Bash shell scripting for Unix and Linux. Some of this is touched on in classes we already have. This will be a future project for research. Meeting Conclude with the promise to continue future meetings</p>
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NEXT MEETING DATE: Fall 2023		
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