CUYAMACA · COLLEGE ·

COMPUTER AND INFORMATION SCIENCE (CIS) PROGRAM
Employer Advisory Board (EAB)
Monday, May 20, 2023 I 6:00 - 7:30pm I Building/Room E-106

A G E N D A

A) Introductions and Program Overview
   I.   Welcome - Cuyamaca Career Education and CIS Program Coordinator, Professor Anver Alam
   II. Advisory Board Member Introductions:
       1. **Karen Castro**, Systems Engineer II, ESET North America
       2. **Grabiel Elenes**, Information Technology (IT) Department, City of El Cajon
       3. **John Gerstenberg,** Senior Software Developer, City of Chula Vista & Adjunct Instructor, Cuyamaca College
       4. **Marqus Patton**, Software Test Engineering, Scientific Research Corporation & President, San Diego NSBE Professional Chapter
       5. **Paul Vasquez**, MBA, MCP, Director of IT, Senior Aerospace, Southern California
       6. **Chantel Mesta,** Ph.D Student-MFT in Training**,** Program Manager, Workforce Development**,** Department of Labor/CAREERworks
       7. **Mohammed Raoof**, Doctor of Philosophy in Information Systems & Technology
       8. **Annie Zuckerman,** Faculty/Co-Chair of CIS Department, Cuyamaca College
       9. **Charlene Alsbaugh**, Career Education Program Manager, Cuyamaca College
       10. **Malena Medrano,** Job Placement Specialist, Cuyamaca College
       11. **Monica Rosas,** Employer Relations Liaison (ERL), Cuyamaca College
   III. Department Updates

B) Industry Roundtable
   I.   Industry Trends and Forecasting
       - Where do employers see the industry going?
       - Are there existing or anticipated employment gaps?

   II. Career Outlook
       - What is the career outlook for students with AA degrees in San Diego?
       - What are the most relevant professional certifications available?

C) Curriculum Discussion
   I.   Program Certificates:
       - Cyber Security
       - Software Development
       - Cloud Technologies Certificate *(future offering)*
   II. Request for industry partnership for future curriculum development
   III. Any tools/software we should ensure our students are exposed to?

D) Wrap-Up and Next Steps
   I.   Action items, future meeting cadence, and date/time for next meeting

COMPUTER AND INFORMATION SCIENCE

Course ID	Course Name
CIS-101	Fundamentals of Information Technology
CIS-110	Principles of Information Systems
CIS-120	Computer Maintenance and A+ Certification
CIS-121	Network Cabling Systems
CIS-125	Network+ Certification
CIS-140	Databases
CIS-162	Technical Diagramming Using Microsoft Visio
CIS-170	Internet of Things (IoT) Connecting Things
CIS-172	Internet of Things (IoT) Security
CIS-190	Windows Operating System
CIS-191	Linux Operating System
CIS-201	Cisco Academy – Introduction to Networking
CIS-202	Cisco Academy – Routing, Switching, and Wireless Essentials
CIS-203	Cisco Academy – Enterprise Networking, Security, and Automation
CIS-205	Implementing Cisco IP Routing (Route)
CIS-206	Cisco Networking Academy VI
CIS-207	Cisco Networking Academy VII
CIS-208	Cisco Networking Academy VIII
CIS-209	Cisco CyberOps
CIS-210	Cisco Networking Academy - Voice
CIS-211	Web Development I
CIS-213	Web Development II
CIS-215	JavaScript Web Programming
CIS-219	PHP/MYSQL Dynamic Web-Based Applications
CIS-220	E-Commerce and Web Presence
CIS-225	Web Development Capstone
CIS-261	NSSA Degree Capstone
CIS-263	Fundamentals of Network Security
CIS-264	Ethical Cybersecurity Hacking
CIS-265	Computer Forensics Fundamentals
CIS-267	Directed Work Experience in CIS
CIS-270	Palo Alto Network Security I
CIS-271	Palo Alto Network PCNSA
CIS-272	Palo Alto Networks Firewall, Configuration, Management, and Threat Prevention
CIS-290	Windows Server - Installing and Configuring
CIS-291	Linux System Administration
CIS-293	Windows Server - Administering
CIS-294	Windows Server - Advanced Configuration
CIS-295	VMware Certified Professional