

*Program Expected Learning and Achievement Outcomes Status, Diablo Valley College  
as of Mon May 04 17:15:27 PDT 2009*

Key:		Curriculum Committee approved	Department approved, awaiting Curriculum Committee action
1.	<b>AS.ADJUS.D: AS Degree, Administration of Justice</b>	Contact: Sinsel, John Administration of Justice Department	Students completing the program will be able to... 1. demonstrate an understanding of the three parts of the criminal justice system and how they interrelate, 2. demonstrate a working knowledge of the theory and practice of criminal law, 3. demonstrate an understanding of the legal procedures of the United States and California criminal justice systems.
2.	<b>CC.ADJCL.D: Certificate of Accomplishment, Administration of Justice: Crime Scene Investigator</b>	Contact: Sinsel, John Administration of Justice Department	Students completing the program will be able to... 1. demonstrate an understanding of the three parts of the criminal justice system and how they interrelate, 2. identify, collect, package and analyze physical evidence from a crime scene, 3. conduct a successful criminal investigation using interviews, interrogation and case preparation.
3.	<b>CC.ADJCL.D: Certificate of Accomplishment, Administration of Justice: Criminal Law Specialist</b>	Contact: Sinsel, John Administration of Justice Department	Students completing the program will be able to... 1. demonstrate an understanding of the three parts of the criminal justice system and how they interrelate, 2. demonstrate a working knowledge of the theory and practice of criminal law, 3. demonstrate an understanding of the legal procedures of the United States and California criminal justice systems.
4.	<b>CC.ADJCR.D: Certificate of Accomplishment, Administration of Justice: Community Relations Specialist</b>	Contact: Sinsel, John Administration of Justice Department	Students completing the program will be able to... 1. demonstrate an understanding of the three parts of the criminal justice system and how they interrelate, 2. demonstrate an understanding of the theoretical and conceptual overview of multicultural concepts and issues as they relate to the criminal justice system, 3. demonstrate an understanding of the history, culture, organization of criminal gangs and their social and criminal impact upon society.
5.	<b>CC.ADJCS.D: Certificate of Accomplishment, Administration of Justice: Correctional Specialist</b>	Contact: Sinsel, John Administration of Justice Department	Students completing the program will be able to... 1. demonstrate familiarity with the basic components of the criminal justice system with special emphasis on the correctional system, 2. demonstrate an understanding of the history, culture, organization of criminal gangs and their social and criminal impact on society, 3. apply techniques of written and oral communication with special emphasis on case work and counseling as used by practioners in the administration of justice field with special emphasis on probation and parole.
6.	<b>CC.ADJJC.D: Certificate of Accomplishment, Administration of Justice: Juvenile Counseling</b>	Contact: Sinsel, John Administration of Justice Department	Students completing the program will be able to... 1. demonstrate an understanding of the three parts of the criminal justice system and how they interrelate, 2. demonstrate an understanding of the history, culture, organization of criminal gangs and their social and criminal impact on society, 3. demonstrate a working knowledge of the organization, functions and jurisdiction of juvenile agencies and processing and detention of juveniles.
7.	<b>CC.ADJPS.D: Certificate of Accomplishment, Administration of Justice: Patrol Specialist</b>	Contact: Sinsel, John Administration of Justice Department	Students completing the program will be able to... 1. demonstrate an understanding of the three parts of the criminal justice system and how they interrelate, 2. gather, organize and prepare written reports for law enforcement and correctional activities,

	3. demonstrate proficiency with handguns and shotguns, an understanding of personal safety and defensive tactics and their legal ramifications.	
8.	<b>CA.ADJUS.D: Certificate of Achievement, Administration of Justice</b> ✓	Contact: Sinsel, John Administration of Justice Department
	Students completing the program will be able to... 1. demonstrate a working knowledge of the basic components of the criminal justice system, 2. demonstrate a working knowledge of the theory and practice of criminal law, 3. demonstrate an understanding of the legal procedures of the United States and California criminal justice systems.	
9.	<b>AS.ARCHD.D: AS Degree, Architecture Design</b> ✓ ✓	Contact: Abbott, Daniel Architecture, Engineering, Engineering Technology, Construction, and Apprenticeship Department
	Students completing the program will be able to... 1. communicate architectural concepts using graphic conventions and representational methods 2. demonstrate an understanding of drawing methods and graphic compositional techniques 3. construct physical models of architectural elements and spaces 4. demonstrate an understanding of building components, structures and systems in relation to design 5. identify notable architects, design concepts, canonical buildings and precedents in architecture 6. identify the historical and contemporary role of architects in the profession and related design fields	
10.	<b>AS.ARCHT.D: AS Degree, Architecture Technology</b> ✓ ✓	Contact: Abbott, Daniel Architecture, Engineering, Engineering Technology, Construction, and Apprenticeship Department
	Students completing the program will be able to... 1. communicate architectural concepts using graphic conventions and representational methods, 2. demonstrate an understanding of drawing methods and graphic compositional techniques, 3. construct physical models of architectural elements and spaces, 4. demonstrate an understanding of building components, structures and systems in relation to design, 5. identify notable architects, design concepts, canonical buildings and precedents in architecture, 6. identify the historical and contemporary role of architects in the profession and related design fields.	
11.	<b>AS.ETCDT.D: AS Degree, Civil Design Drafting Technology</b> ✓ ✓	Contact: Phelps, Debi Architecture, Engineering, Engineering Technology, Construction, and Apprenticeship Department
	Students completing the program will be able to... 1. use technical drafting principles to develop technical drawings, 2. interpret construction blueprints, 3. use geometric construction and descriptive geometry to solve geometric problems, 4. create 2-dimensional and 3-dimensional Computer Aided Drawings (CAD), 5. interpret Global Positioning data, 6. measure land forms using ground surveying equipment, 7. apply trigonometry to math problems, 8. apply the basic laws of physics to everyday situations.	
12.	<b>AS.ETMDT.D: AS Degree, Mechanical Design Drafting Technology</b> ✓	Contact: Panahandeh, Mohammad Architecture, Engineering, Engineering Technology, Construction, and Apprenticeship Department
	Students completing the program will be able to... 1. prepare, interpret and revise technical drawings using computer aided drafting (CAD) and design software, 2. use geometric dimensioning and tolerancing according to ANSI standards, 3. develop technical drawings using geometric construction and descriptive geometry, 4. perform basic machine processes, 5. identify the role of computers and CAD in mechanical drafting.	

	5. identify the role of computers and CAD in mechanical drafting.	
13.	<b>CC.CAD.D: Certificate of Accomplishment, Drafting with CAD</b> ✓ ✓	Contact: Phelps, Debi Architecture, Engineering, Engineering Technology, Construction, and Apprenticeship Department
	Students completing the program will be able to... 1. create 2-dimensional and 3-dimensional Computer Aided Drawings (CAD), 2. interpret construction blueprints and architectural plans (with Option A: civil engineering emphasis), 3. calculate data collected from land surveying (with Option A: civil engineering emphasis), 4. interpret simple technical drawings (with Option B: manufacturing emphasis), 5. construct 3-Dimensional models using parametric software (with Option C: CAD design emphasis).	
14.	<b>CA.ARCH.I.D: Certificate of Achievement, Architecture Technology</b> ✓ ✓	Contact: Abbott, Daniel Architecture, Engineering, Engineering Technology, Construction, and Apprenticeship Department
	Students completing the program will be able to... 1. communicate architectural concepts using graphic conventions and representational methods, 2. demonstrate an understanding of drawing methods and graphic compositional techniques, 3. construct physical models of architectural elements and spaces, 4. demonstrate an understanding of building components, structures and systems in relation to design, 5. identify notable architects, design concepts, canonical buildings and precedents in architecture, 6. identify the historical and contemporary role of architects in the profession and related design fields.	
15.	<b>CA.CDCAD.D: Certificate of Achievement, Civil Drafting, CAD</b> ✓ ✓	Contact: Phelps, Debi Architecture, Engineering, Engineering Technology, Construction, and Apprenticeship Department
	Students completing the program will be able to... 1. apply civil drafting principles to interpret and develop civil engineering maps, 2. interpret construction blueprints, 3. create 2-dimensional and 3-dimensional Computer Aided Drawings (CAD), 4. interpret Global Positioning data, 5. measure land forms using ground surveying equipment, 6. use general computer software such as Microsoft Word and Excel, 7. apply trigonometry to math problems.	
16.	<b>CA.CDDT.D: Certificate of Achievement, Civil Design Drafting Technology</b> ✓ ✓	Contact: Phelps, Debi Architecture, Engineering, Engineering Technology, Construction, and Apprenticeship Department
	Students completing the program will be able to... 1. use technical drafting principles to develop technical drawings, 2. interpret construction blueprints, 3. use geometric construction and descriptive geometry to solve geometric problems, 4. create 2-dimensional and 3-dimensional Computer Aided Drawings (CAD), 5. interpret Global Positioning data, 6. measure land forms using ground surveying equipment, 7. apply trigonometry to math problems, 8. apply the basic laws of physics to everyday situations.	
17.	<b>CA.CNMGT.D: Certificate of Achievement, Construction Management</b> ✓ ✓	Contact: Valdez, Joe Architecture, Engineering, Engineering Technology, Construction, and Apprenticeship Department
	Students completing the program will be able to... 1. estimate material cost (quantity times price)	

	<ol style="list-style-type: none"> <li>1. estimate materials cost (quantity survey),</li> <li>2. apply construction terminology,</li> <li>3. schedule sequences of construction projects,</li> <li>4. identify the effects of various governmental agencies involved in the construction industry on a construction project,</li> <li>5. interpret blueprints and specifications.</li> </ol>	
18.	<b>CA.CNSBL.D: Certificate of Achievement, Construction and Building Inspection</b> ✓ ✓	Contact: Valdez, Joe Architecture, Engineering, Engineering Technology, Construction, and Apprenticeship Department
	Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. interpret the codes related to the construction industry</li> <li>2. identify code-compliant construction in buildings</li> <li>3. identify types of zoning used in a jurisdiction</li> <li>4. write knowledgeable correction notices</li> <li>5. apply construction terminology</li> <li>6. identify the effects of various governmental agencies involved in the construction industry on a construction project</li> <li>7. interpret blueprints and specifications</li> </ol>	
19.	<b>CA.CSSUP.D: Certificate of Achievement, Construction Supervision and Superintendency</b> ✓ ✓	Contact: Valdez, Joe Architecture, Engineering, Engineering Technology, Construction, and Apprenticeship Department
	Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. estimate materials cost (quantity survey)</li> <li>2. apply construction terminology</li> <li>3. schedule sequences of construction projects</li> <li>4. identify the effects of various governmental agencies involved in the construction industry on a construction project</li> <li>5. interpret blueprints and specifications</li> <li>6. utilize instruments used in surveying</li> </ol>	
20.	<b>CA.MATEC.D: Certificate of Achievement, Machine Technology</b> ✓ ✓	Contact: Panahandeh, Mohammad Architecture, Engineering, Engineering Technology, Construction, and Apprenticeship Department
	Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. identify the role and responsibilities of machine technicians,</li> <li>2. demonstrate an ability to use precision measuring devices,</li> <li>3. identify common machine tools used in fabrication,</li> <li>4. interpret technical documents and specifications,</li> <li>5. cut, process and/or fabricate materials to specified forms and dimensions.</li> </ol>	
21.	<b>CA.MDCAD.D: Certificate of Achievement, Mechanical Drafting, CAD</b> ✓	Contact: Panahandeh, Mohammad Architecture, Engineering, Engineering Technology, Construction, and Apprenticeship Department
	Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. prepare, interpret and revise technical drawings using computer aided drafting (CAD) and design software,</li> <li>2. use geometric dimensioning and tolerancing according to ANSI standards,</li> <li>3. develop CAD drawings using geometric construction and descriptive geometry,</li> <li>4. perform basic machine processes,</li> <li>5. identify the role of computers and CAD in mechanical drafting.</li> </ol>	
22.	<b>CA.MDDT.D: Certificate of Achievement, Mechanical Design Drafting Technology</b> ✓	Contact: Panahandeh, Mohammad Architecture, Engineering,

		Engineering Technology, Construction, and Apprenticeship Department
	Students completing the program will be able to... 1. prepare, interpret and revise technical drawings using computer aided drafting (CAD) and design software, 2. use geometric dimensioning and tolerancing according to ANSI standards, 3. develop technical drawings using geometric construction and descriptive geometry, 4. perform basic machine processes, 5. identify the role of computers and CAD in mechanical drafting.	
23.	<b>AA.ADM.D: AA Degree, Art Digital Media</b> ✓ ✓	Contact: Montgomery, Robert Lee Art Digital Media Program
	Students completing the program will be able to... 1. demonstrate an understanding of basic drawing techniques, 2. produce a digital image from scanned or digital photographs, 3. utilize digital images for exports to websites, multimedia presentations, and print, 4. utilize production tools for digital audio for multimedia projects, 5. demonstrate basic techniques for video capture and editing, 6. design a multimedia project, 7. critically evaluate multimedia design techniques and their use in the development of a professional portfolio, 8. qualify for entry-level employment in the art digital media field.	
24.	<b>CC.ADMF.D: Certificate of Accomplishment, Art Digital Media: Foundation</b> ✓ ✓	Contact: Denning, Joann Art Digital Media Program
	Students completing the program will be able to... 1. demonstrate an understanding of basic drawing techniques, 2. produce a digital image from scanned or digital photographs, 3. utilize digital images for exports to websites, multimedia presentations, and print, 4. utilize production tools for digital audio for multimedia projects, 5. demonstrate basic techniques for video capture and editing, 6. design a multimedia project, 7. critically evaluate multimedia design techniques and their use in the development of a professional portfolio, 8. qualify for entry-level employment in the art digital media field.	
25.	<b>CA.ADM3D.D: Certificate of Achievement, Art Digital Media: 3D Modeling and Animation</b> ✓ ✓	Contact: Denning, Joann Art Digital Media Program
	Students completing the program will be able to... 1. create 3D animation projects, 2. critique animations, 3. demonstrate basic skills, color manipulation, and design principles unique to animation.	
26.	<b>CA.ADMCA.D: Certificate of Achievement, Art Digital Media: Character Animation</b> ✓ ✓	Contact: Denning, Joann Art Digital Media Program
	Students completing the program will be able to... 1. design a character based on a written description, 2. present an animation containing the elements of a fully developed cartoon, 3. produce a storyboard utilizing the principles of sequential art, 4. develop observational skills in drawing the human figure.	
27.	<b>CA.ADMDA.D: Certificate of Achievement, Art Digital Media: Digital Audio</b> ✓ ✓	Contact: Denning, Joann Art Digital Media Program
	Students completing the program will be able to... 1. utilize production tools for digital audio for multimedia projects, 2. apply various audio file formats, 3. produce recorded music projects.	
28.		

28.	<b>CA.ADMI.D: Certificate of Achievement, Art Digital Media: Digital Imaging</b> ✓ ✓ Students completing the program will be able to... 1. create digital images suitable for printing or multimedia applications, 2. create graphic design projects, 3. evaluate digital images for effective design.	Contact: Denning, Joann Art Digital Media Program
29.	<b>CA.ADMMG.D: Certificate of Achievement, Art Digital Media: Motion Graphics</b> ✓ ✓ Students completing the program will be able to... 1. create motion graphic projects, 2. utilize digital production tools for web delivery, 3. demonstrate competency in various aspects of digitizing, importing, and exporting images.	Contact: Denning, Joann Art Digital Media Program
30.	<b>CA.ADMWD.D: Certificate of Achievement, Art Digital Media: Web Design</b> ✓ ✓ Students completing the program will be able to... 1. construct and publish web pages, 2. use HTML code in creating web pages, 3. create a variety of websites, effectively using animation, design concepts, and interactivity.	Contact: Denning, Joann Art Digital Media Program
31.	<b>AA.BUS.D: AA Degree, Business Transfer</b> ✓ ✓ Students completing the program will be able to... 1. develop business communications that present information in an organized and concise manner, using acceptable grammar and language arts, 2. explain the functions of business financial operations and apply them to business case problems, 3. evaluate an existing business and identify the business organization, key business procedures relevant to an specific problem using appropriate technology, 4. compare and contrast ethical approaches and social responsibility options in business situations.	Contact: Shi, Charlie Business Administration Department
32.	<b>CC.BUSES.D: Certificate of Accomplishment, Business Essentials</b> ✓ ✓ Students completing the program will be able to... 1. apply standard business English to oral and written communication, including grammar, punctuation, mechanics, vocabulary, style and usage, 2. complete business-related mathematical problems with reasonable speed and accuracy, both manually and using calculators and business software, 3. analyze basic business documents and financial statements to detect business problem, 4. interpret a research need, determine the type and scope of information needed, and implement effective research strategies including the Internet.	Contact: Shi, Charlie Business Administration Department
33.	<b>CC.OPES.D: Certificate of Accomplishment, Office Professional Essentials</b> ✓ ✓ Students completing the program will be able to... 1. apply standard business English to oral and written communication, including grammar, punctuation, mechanics, vocabulary, style and usage, 2. complete business-related mathematical problems with reasonable speed and accuracy, both manually and using calculators and business software, 3. analyze common business documents and financial statements to detect business problems, 4. interpret an information technology need, determine the type and scope of application needed, and implement an effective strategy to meet the need.	Contact: Shi, Charlie Business Administration Department
34.	<b>CA.ACTGN.D: Certificate of Achievement, General Accounting</b> ✓ ✓ Students completing the program will be able to... 1. produce accurate financial statements for a company and communicate a company's financial position, 2. construct basic accounting documents and solve case problems related to the accounting cycle utilizing appropriate technology, 3. analyze existing documents by verifying the accuracy of information for a company and performing necessary reconciliation, 4. compare and contrast the financial information prepared for different types of business entity	Contact: Shi, Charlie Business Administration Department

	4. compare and contrast the financial information prepared for different types of business entity.	
35.	<b>CA.BUS.D: Certificate of Achievement, Business - Core Transfer</b> ✓ ✓	Contact: Shi, Charlie Business Administration Department
	Students completing the program will be able to... 1. develop business communications that present information in an organized and concise manner, using acceptable grammar and language arts, 2. explain the functions of business financial operations and apply them to business case problems, 3. evaluate an existing business and identify the business organization, key business procedures relevant to a specific problem using appropriate technology, 4. compare and contrast ethical approaches and social responsibility options in business situations.	
36.	<b>CA.MGTST.D: Certificate of Achievement, Management Studies</b> ✓ ✓	Contact: Shi, Charlie Business Administration Department
	Students completing the program will be able to... 1. integrate basic management theories into supervisory and management functions, 2. investigate current management practices and problems related to human behavior in organizations, 3. differentiate threshold issues involved in the legal, ethical, and social responsibilities of management, 4. summarize measures that can be taken by individuals and organizations to correct organizational problems.	
37.	<b>CA.OFFPR.D: Certificate of Achievement, Office Professional</b> ✓ ✓	Contact: Shi, Charlie Business Administration Department
	Students completing the program will be able to... 1. apply standard business English to oral and written communication, including grammar, punctuation, mechanics, vocabulary, style and usage, 2. complete business-related mathematical problems with reasonable speed and accuracy, using calculators and business software, 3. interpret an information technology need, determine the type and scope of solution needed, and implement an effective strategy to address the need, 4. identify appropriate information compilation, reporting, storage and retrieval systems for common business situations, using manual and technological approaches.	
38.	<b>CA.REAL.D: Certificate of Achievement, Real Estate</b> ✓ ✓	Contact: Shi, Charlie Business Administration Department
	Students completing the program will be able to... 1. explain the functions of real estate markets, real estate practices, and real estate institutions, and recommend choices for common real estate situations, 2. demonstrate how to calculate the time value of money and evaluate various financing alternatives for real estate investment strategies, 3. evaluate real estate development opportunities in the commercial real estate markets for residential, warehouse, retail, and industrial properties, 4. research and analyze specific case problems related to real estate investment and present solutions.	
39.	<b>CA.SBM.D: Certificate of Achievement, Small Business Management</b> ✓ ✓	Contact: Shi, Charlie Business Administration Department
	Students completing the program will be able to... 1. describe the nature and characteristics of successful small business persons, 2. summarize the responsibilities of small business owners in selecting, motivating, training, and supervising employees, 3. compare the relationship between a small business and its customers in relation to gaining a competitive advantage, 4. construct a business plan and essential financial documents for a small business.	
40.	<b>AS.CIS.D: AS Degree, Computer Information Systems</b> ✓ ✓	Contact: Tejada, Mario Computer Information Systems Department
	Students completing any program will be able to... 1. perform the duties of Information Technologies and Management workers as identified by the Bureau of Labor Statistics, 2. provide technical assistance and training to computer system users, 3. investigate and resolve computer software and hardware problems of users, 4. perform the professional duties demanded in any modern office environment, 5. design and maintain static and dynamic web sites, 6. integrate elements such as graphics, animation and streaming media on web sites, 7. develop and implement database systems for stand alone or internet based deployment,	

	7. develop and implement database systems for stand alone or internet based deployment, 8. use technology to manage multi-faceted projects.	
	In addition, students completing this program will be able to... 1. demonstrate basic graphical user interface operations in a computer environment, 2. produce spreadsheets, documents and presentations by using basic to advanced software operations.	
41.	<b>CC.CISDM.D: Certificate of Accomplishment, Computer Information Systems: Database Management</b> 	Contact: Tejada, Mario Computer Information Systems Department
	In addition, students completing this program will be able to... 1. demonstrate basic graphical user interface operations in a computer environment, 2. apply database syntax, properties, operators, and functions.	
42.	<b>CC.CISPM.D: Certificate of Accomplishment, Computer Information Systems: Project Management</b> 	Contact: Tejada, Mario Computer Information Systems Department
	In addition, students completing this program will be able to... 1. demonstrate basic graphical user interface operations in a computer environment, 2. apply the principles of the Project Management Institute's (PMI) processes of project management.	
43.	<b>CC.CISWG.D: Certificate of Accomplishment, Computer Information Systems: Web Graphics</b> 	Contact: Tejada, Mario Computer Information Systems Department
	In addition, students completing this program will be able to... 1. demonstrate basic graphical user interface operations in a computer environment, 2. able to prepare images for sharing and distribution.	
44.	<b>CC.CISWT.D: Certificate of Accomplishment, Computer Information Systems: Web Technology</b> 	Contact: Tejada, Mario Computer Information Systems Department
	In addition, students completing this program will be able to... 1. demonstrate basic graphical user interface operations in a computer environment, 2. plan and design web pages.	
45.	<b>CA.CISC.D: Certificate of Achievement, Computer Information Systems: Core</b> 	Contact: Tejada, Mario Computer Information Systems Department
	In addition, students completing this program will be able to... 1. demonstrate basic graphical user interface operations in a computer environment, 2. produce spreadsheets, documents and presentations by using basic to advanced software operations.	
46.	<b>CA.CISDM.D: Certificate of Achievement, Computer Information Systems: Database Management</b> 	Contact: Tejada, Mario Computer Information Systems Department
	In addition, students completing this program will be able to... 1. demonstrate basic graphical user interface operations in a computer environment, 2. produce spreadsheets, documents and presentations by using basic to advanced software operations, 3. apply database syntax, properties, operators, and functions.	
47.	<b>CA.CISPM.D: Certificate of Achievement, Computer Information Systems: Project Management</b> 	Contact: Tejada, Mario Computer Information Systems Department
	In addition, students completing this program will be able to... 1. demonstrate basic graphical user interface operations in a computer environment, 2. produce spreadsheets, documents and presentations by using basic to advanced software operations, 3. apply the principles of the Project Management Institute's (PMI) processes of project management.	
48.	<b>CA.CISWG.D: Certificate of Achievement, Computer Information Systems: Web Graphics</b> 	Contact: Tejada, Mario Computer Information Systems Department

	In addition, students completing this program will be able to... <ol style="list-style-type: none"> <li>1. demonstrate basic graphical user interface operations in a computer environment,</li> <li>2. produce spreadsheets, documents and presentations by using basic to advanced software operations,</li> <li>3. perform the duties demanded in any modern office environment,</li> <li>4. able to prepare images for sharing and distribution.</li> </ol>	
49.	<b>CA.CISWT.D: Certificate of Achievement, Computer Information Systems: Web Technology</b> ✓✓ In addition, students completing this program will be able to... <ol style="list-style-type: none"> <li>1. demonstrate basic graphical user interface operations in a computer environment,</li> <li>2. produce spreadsheets, documents and presentations by using basic to advanced software operations,</li> <li>3. plan and design web pages.</li> </ol>	Contact: Tejada, Mario Computer Information Systems Department
50.	<b>AS.MSWSA.D: AS Degree, Microsoft Windows Systems Administration</b> ✓✓ Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. list and describe the key TCP/IP protocols</li> <li>2. secure a Microsoft Windows network</li> <li>3. build a computer</li> <li>4. install and configure Microsoft Windows Server Operating System</li> </ol>	Contact: Martucci, Cheryl Computer Networking Program
51.	<b>CA.MSWSA.D: Certificate of Achievement, Microsoft Windows Systems Administration</b> ✓✓ Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. list and describe the key TCP/IP protocols</li> <li>2. secure a Microsoft Windows network</li> <li>3. build a computer</li> <li>4. install and configure Microsoft Windows Server Operating System</li> </ol>	Contact: Martucci, Cheryl Computer Networking Program
52.	<b>AS.COMSC.D: AS Degree, Computer Science</b> ✓✓ Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. create computer programming solutions using either C++ or Java,</li> <li>2. read and write programs written in x86 assembly language, and interface them with C++ programs,</li> <li>3. effectively use either the C++ Standard Template Library or the Java util package to manage data structures in programs,</li> <li>4. make the right choices of language, platform, data structures, and databases for a computer programming solution based on their knowledge of the elements of program design.</li> </ol>	Contact: Burns, Robert Computer Science Department
53.	<b>CA.COMIS.D: Certificate of Achievement, Computer and Information Science</b> ✓✓ Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. create computer programming solutions using either C++ or Java,</li> <li>2. read and write programs written in x86 assembly language, and interface them with C++ programs,</li> <li>3. effectively use either the C++ Standard Template Library or the Java util package to manage data structures in programs,</li> <li>4. make the right choices of language, platform, data structures, and databases for a computer programming solution based on their knowledge of the elements of program design.</li> </ol>	Contact: Burns, Robert Computer Science Department
54.	<b>CA.MSSUP.D: Certificate of Achievement, Microcomputer Software Support</b> ✓✓ Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. communicate effectively in a typical office environment through written and verbal media,</li> <li>2. apply the basic vocabulary of computer technology and information systems,</li> <li>3. use word processing, spreadsheet, presentation, and database software to communicate effectively and professionally,</li> <li>4. demonstrate basic mathematical skills in problem solving,</li> <li>5. write instructions for using applications,</li> <li>6. provide training on the use of software and computer systems.</li> </ol>	Contact: Burns, Robert Computer Science Department
55.		

55.	<b>AS.DENTLD: AS Degree, Dental Assisting</b> ✓ ✓ Students completing the program will be able to... 1. attain their dental X-ray license, 2. qualify to sit for the State of California Board written and practical RDA exam, 3. qualify to sit for their National Board examinations to become a certified dental assistant.	Contact: Boyd, Linda Dental Assisting Department
56.	<b>CA.DENTLD: Certificate of Achievement, Dental Assisting</b> ✓ ✓ Students completing the program will be able to... 1. attain their dental X-ray license, 2. qualify to sit for the State of California Board written and practical RDA exam, 3. qualify to sit for their National Board examinations to become a certified dental assistant.	Contact: Boyd, Linda Dental Assisting Department
57.	<b>AS.DENHY.D: AS Degree, Dental Hygiene</b> ✓ ✓ Students completing the program will be able to... 1. synthesize knowledge from all branches of learning to provide preventive, educational, collaborative, and therapeutic dental hygiene care for individuals and groups in a variety of settings 2. develop a desire and ability to provide dental hygiene care applying the highest moral, ethical and legal principles including those outlined by the American Dental Hygienists' Association and the American Dental Association 3. function in the professional dental hygiene roles of the clinician, health promoter/educator and change agent 4. develop and maintain professional competence founded in evidence-based decision-making and continued education while promoting personal and professional growth 5. promote client and community satisfaction with the quality of the dental hygiene education and care process provided by the program	Contact: Teel, Gay Dental Hygiene Department
58.	<b>CA.DENHY.D: Certificate of Achievement, Dental Hygiene</b> ✓ ✓ Students completing the program will be able to... 1. synthesize knowledge from all branches of learning to provide preventive, educational, collaborative, and therapeutic dental hygiene care for individuals and groups in a variety of settings 2. develop a desire and ability to provide dental hygiene care applying the highest moral, ethical and legal principles including those outlined by the American Dental Hygienists' Association and the American Dental Association 3. function in the professional dental hygiene roles of the clinician, health promoter/educator and change agent 4. develop and maintain professional competence founded in evidence-based decision-making and continued education while promoting personal and professional growth 5. promote client and community satisfaction with the quality of the dental hygiene education and care process provided by the program	Contact: Teel, Gay Dental Hygiene Department
59.	<b>AS.DENLB.D: AS Degree, Dental Laboratory Technology</b> ✓ ✓ Students completing the program will be able to... 1. seek positions as Dental Technicians in the Commercial Lab industry as well as in Dentists offices as In-house Dental Technicians. 2. demonstrate knowledge in the fabrication of a variety of dental Inlays, Onlays and Ceramic Restorations. 3. comprehend and interpret Dental Terminology as well as the Dentist prescriptions. 4. demonstrate skills in the development of Prostodontic Appliances and perform denture relines and a variety of denture repairs. 5. demonstrate knowledge in Cusp-to-fossae relationships and concepts of Occlusion and Malocclusions. 6. demonstrate knowledge in the manipulation of a variety of Gypsum Products such as Plaster, Die Stone, Yellow Stone and Investment products (High heat) and (Low Heat).	Contact: Carter, Hilton Dental Technology Department
60.	<b>CA.DENLB.D: Certificate of Achievement, Dental Laboratory Technology</b> ✓ ✓ Students completing the program will be able to... 1. seek positions as Dental Technicians in the Commercial Lab industry as well as in Dentists offices as In-house Dental Technicians. 2. demonstrate knowledge in the fabrication of a variety of dental Inlays, Onlays and Ceramic Restorations. 3. comprehend and interpret Dental Terminology as well as the Dentist prescriptions. 4. demonstrate skills in the development of Prostodontic Appliances and perform denture relines and a variety of denture repairs. 5. demonstrate knowledge in Cusp-to-fossae relationships and concepts of Occlusion and Malocclusions. 6. demonstrate knowledge in the manipulation of a variety of Gypsum Products such as Plaster, Die Stone, Yellow Stone and Investment products (High heat) and (Low Heat).	Contact: Carter, Hilton Dental Technology Department

61.	<b>AA.TECTH.D: AA Degree, Technical Theater</b> ✓ ✓	Contact: McBrien, Beth Drama Program
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. demonstrate the basic skills required in the craft of theater</li> <li>2. articulate the creative process of theatrical tasks</li> <li>3. exhibit the unique collaborative skills necessary to participate in a theater community.</li> </ol>		
62.	<b>CA.TECTH.D: Certificate of Achievement, Technical Theater</b> ✓ ✓	Contact: McBrien, Beth Drama Program
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. demonstrate the basic skills required in the craft of theater</li> <li>2. articulate the creative process of theatrical tasks</li> <li>3. exhibit the unique collaborative skills necessary to participate in a theater community.</li> </ol>		
63.	<b>AA.SPEDP.D: AA Degree, Special Education Paraprofessional / Instructional Assistant</b> ✓ ✓	Contact: Symonds, Joan Early Childhood Education Department
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. analyze state and federal legislation pertaining to general and special education,</li> <li>2. use a variety of instruction strategies and materials that respect individual differences,</li> <li>3. demonstrate and understanding of how culture affects relationships among children, families, and schooling.</li> </ol>		
64.	<b>AS.ECE.D: AS Degree, Early Childhood Education</b> ✓ ✓	Contact: Symonds, Joan Early Childhood Education Department
<p>Students completing the program will be able to...</p> <p>Same as Early Childhood Education: Basic program outcomes, plus:</p> <ol style="list-style-type: none"> <li>1. evaluate personal teaching competencies to guide and inform practice,</li> <li>2. integrate knowledge of children's development and needs into early childhood environments.</li> </ol>		
65.	<b>CC.ECEAT.D: Certificate of Accomplishment, Early Childhood Education: Associate Teacher</b> ✓ ✓	Contact: Symonds, Joan Early Childhood Education Department
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. identify major childhood development milestones,</li> <li>2. analyze the psychological, physical, and cognitive influences on human development,</li> <li>3. demonstrate knowledge of developmentally appropriate practices in early childhood education,</li> <li>4. demonstrate familiarity with community agencies which support contemporary family life.</li> </ol>		
66.	<b>CC.ECERS.D: Certificate of Accomplishment, Early Childhood Education: Resource (Foster) Family Specialist</b> ✓ ✓	Contact: Symonds, Joan Early Childhood Education Department
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. identify the role that California Children and Family Services plays in the life of resource family,</li> <li>2. identify the role that California Children and Family Services plays in the life of a child in out-of-home placement,</li> <li>3. apply appropriate behavior management techniques for children in their care.</li> </ol>		
67.	<b>CA.ECAFF.D: Certificate of Achievement, Early Childhood Education: Family Day Care /Foster Care /In-home Child Care Provider</b> ✓ ✓	Contact: Symonds, Joan Early Childhood Education Department
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. identify major childhood development milestones,</li> <li>2. apply strategies to maximize the health, safety, and nutrition of children and adults in programs for young children.</li> <li>3. demonstrate familiarity with community agencies which support contemporary family life.</li> </ol>		
68.	<b>CA.ECEBA.D: Certificate of Achievement, Early Childhood Education: Basic</b> ✓ ✓	Contact: Symonds, Joan Early Childhood Education

	<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. identify major childhood development milestones,</li> <li>2. analyze the psychological, physical, and cognitive influences on human development,</li> <li>3. demonstrate knowledge of developmentally appropriate practices in early childhood education,</li> <li>4. demonstrate familiarity with community agencies which support contemporary family life,</li> <li>5. apply strategies to maximize the health, safety and nutrition of children and adults in programs for young children,</li> <li>6. examine constructivist and emergent curriculum theories,</li> <li>7. identify biases and preconceptions that influence effective child care,</li> <li>8. communicate effectively and responsibly with children and adults in diverse populations,</li> <li>9. plan, implement and evaluate developmentally appropriate curriculum experiences for young children.</li> </ol>	
<p>69.</p>	<p><b>CA.ECEMT.D: Certificate of Achievement, Early Childhood Education: Master Teacher</b> ✓ ✓</p> <p>Students completing the program will be able to... Same as Early Childhood Education: Basic program outcomes, plus:</p> <ol style="list-style-type: none"> <li>1. recognize and support developmental stages in teacher training,</li> <li>2. demonstrate sensitivity to and awareness of diversity in adult learners.</li> </ol>	<p>Contact: Symonds, Joan Early Childhood Education Department</p>
<p>70.</p>	<p><b>CA.ECESS.D: Certificate of Achievement, Early Childhood Education: Site Supervisor</b> ✓ ✓</p> <p>Students completing the program will be able to... Same as Early Childhood Education: Basic program outcomes, plus:</p> <ol style="list-style-type: none"> <li>1. recognize and support developmental stages in teacher training,</li> <li>2. demonstrate sensitivity to and awareness of diversity in adult learners,</li> <li>3. apply ethical code to practices and policies,</li> <li>4. examine theory and methodology for effective supervision of personnel.</li> </ol>	<p>Contact: Symonds, Joan Early Childhood Education Department</p>
<p>71.</p>	<p><b>CA.ECETE.D: Certificate of Achievement, Early Childhood Education: Teacher</b> ✓ ✓</p> <p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. identify major childhood development milestones,</li> <li>2. analyze the psychological, physical, and cognitive influences on human development,</li> <li>3. demonstrate knowledge of developmentally appropriate practices in early childhood education,</li> <li>4. demonstrate familiarity with community agencies which support contemporary family life,</li> <li>5. apply strategies to maximize the health, safety and nutrition of children and adults in programs for young children,</li> <li>6. examine constructivist and emergent curriculum theories,</li> <li>7. identify biases and preconceptions that influence effective child care,</li> <li>8. communicate effectively and responsibly with children and adults in diverse populations,</li> <li>9. plan, implement and evaluate developmentally appropriate curriculum experiences for young children.</li> </ol>	<p>Contact: Symonds, Joan Early Childhood Education Department</p>
<p>72.</p>	<p><b>CA.SPEDP.D: Certificate of Achievement, Special Education Paraeducator/Instructional Assistant</b> ✓ ✓</p> <p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. analyze state and federal legislation pertaining to general and special education,</li> <li>2. use a variety of instruction strategies and materials that respect individual differences,</li> <li>3. demonstrate and understanding of how culture affects relationships among children, families, and schooling.</li> </ol>	<p>Contact: Symonds, Joan Early Childhood Education Department</p>
<p>73.</p>	<p><b>AA.POLS1.D: AA Degree, Political Science</b> ✓ ✓</p> <p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. recognize political values embedded in systems of political thought,</li> <li>2. describe the basic structures and procedures of American government,</li> <li>3. describe the relative impact of federal, state and local governments on the inhabitants of California,</li> <li>4. describe the content and origins of several world philosophies,</li> <li>5. demonstrate an understanding of fundamental political concepts</li> </ol>	<p>Contact: MacDougall, Scott Economics / Political Science Program</p>

	5. demonstrate an understanding of fundamental political concepts, 6. recognize and discuss various elements of power in political activity.	
74.	<b>AS.CTS.D: AS Degree, Computer Technical Support</b> ✓ ✓	Contact: Chatagnier, Tom Electronics, Alternate Energy, Electricity, Computer Technical Support, and Computer Networking Department
	Students completing the program will be able to... 1. troubleshoot and repair computer hardware problems, 2. troubleshoot and repair computer software problems related to operating systems, application programs and printer systems, 3. troubleshoot and repair computer network problems.	
75.	<b>AS.ELTEC.D: AS Degree, Electrical/Electronics Technology</b> ✓ ✓	Contact: Chatagnier, Tom Electronics, Alternate Energy, Electricity, Computer Technical Support, and Computer Networking Department
	Students completing the program will be able to... 1. solve electrical circuit problems using Ohm's law, 2. build and troubleshoot electrical / electronics circuits at an apprenticeship level, 3. program Programmable Logic Controllers (PLCs).	
76.	<b>AS.PHSYS.D: AS Degree, Photovoltaic Systems</b> ✓ ✓	Contact: Chatagnier, Tom Electronics, Alternate Energy, Electricity, Computer Technical Support, and Computer Networking Department
	Students completing the program will be able to... 1. qualify for employment in the photovoltaic industry or a related field, 2. install a ground-mounted photovoltaic system, 3. design a roof-mounted photovoltaic system.	
77.	<b>CC.CTS.D: Certificate of Accomplishment, Computer Technical Support</b> ✓ ✓	Contact: Chatagnier, Tom Electronics, Alternate Energy, Electricity, Computer Technical Support, and Computer Networking Department
	Students completing the program will be able to... 1. troubleshoot and repair computer hardware problems, 2. troubleshoot and repair computer software problems related to operating systems, application programs and printer systems, 3. troubleshoot and repair computer network problems.	
78.	<b>CA.CTS.D: Certificate of Achievement, Computer Technical Support</b> ✓ ✓	Contact: Chatagnier, Tom Electronics, Alternate Energy, Electricity, Computer Technical Support, and Computer Networking Department
	Students completing the program will be able to... 1. troubleshoot and repair computer hardware problems, 2. troubleshoot and repair computer software problems related to operating systems, application programs and printer systems, 3. troubleshoot and repair computer network problems.	
79.	<b>CA.ELT.D: Certificate of Achievement, Electrical/Electronics Technology</b> ✓ ✓	Contact: Chatagnier, Tom Electronics, Alternate Energy, Electricity, Computer Technical Support, and Computer Networking Department
	Students completing the program will be able to... 1. solve electrical circuit problems using Ohm's law, 2. build and troubleshoot electrical / electronics circuits at an apprenticeship level, 3. program Programmable Logic Controllers (PLCs).	
80.		

80.	<b>CA.PHYS.D: Certificate of Achievement, Photovoltaic Systems</b> ✓ ✓	Contact: Chatagnier, Tom Electronics, Alternate Energy, Electricity, Computer Technical Support, and Computer Networking Department
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. install a ground-mounted photovoltaic system,</li> <li>2. install a roof-mounted photovoltaic system,</li> <li>3. design a roof-mounted photovoltaic system.</li> </ol>		
81.	<b>AA.ENGL.D: AA Degree, English</b> ✓ ✓	Contact: Zink, Nancy English Department
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. demonstrate knowledge of and familiarity with the methods of interpreting literature across the genres,</li> <li>2. assess, evaluate, and analyze ideas expressed in text or in spoken language,</li> <li>3. create (write or present) coherent arguments that evidence clear prose and synthesize diverse bodies of knowledge.</li> </ol>		
82.	<b>CA.CSUGE.D: General Ed, CSU General Education Breadth</b> ✓	Contact: Judy Foster Faculty SLO Committee
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. think clearly and logically</li> <li>2. demonstrate information competency -- finding and examining information critically</li> <li>3. carry out effective oral communication</li> <li>4. write effectively</li> <li>5. apply quantitative reasoning concepts and skills to solve problems</li> <li>6. make informed, ethical decisions</li> <li>7. understand and apply the scientific method</li> <li>8. apply learning from study abroad experiences to general education areas</li> <li>9. utilize technology in pursuit of intellectual growth and efficacious human interaction</li> <li>10. demonstrate understanding of human beings as physiological and psychological organisms</li> <li>11. demonstrate knowledge of cultural endeavors and legacies of world civilizations</li> <li>12. demonstrate understanding of how human societies have developed and now function</li> <li>13. apply socially responsive knowledge and skills to issues confronting local or global communities</li> <li>14. demonstrate life skills such as financial literacy</li> <li>15. understand and apply the principles, methodologies, value systems, ethics, and thought processes employed in human inquiry</li> <li>16. engage in lifelong learning and self-development</li> <li>17. integrate and apply the insights gained from general education courses</li> </ol>		
83.	<b>CA.IGETC.D: General Ed, IGETC General Education Breadth</b> ✓	Contact: Judy Foster Faculty SLO Committee
<p>Upon completing the IGETC requirements, students will be able to:</p> <ol style="list-style-type: none"> <li>1. demonstrate ability in verbal communication of all kinds and to apply critical thinking in their written compositions, including being able to distinguish fact from judgment and belief from knowledge; use elementary inductive and deductive processes; and recognize common logical errors or fallacies of language and thought,</li> <li>2. demonstrate an understanding of the nature and richness of human culture and social structures,</li> <li>3. demonstrate an understanding of the psychological basis and the social significance of communication and how communication operates in various situations,</li> <li>4. apply modes of inquiry that characterize the different areas of human thought: the nature of the questions that can be addressed, the way questions are formulated, the way analysis is conducted, and the validity and implications of the answers obtained,</li> <li>5. apply a sound foundation in mathematical concepts and quantitative reasoning to respond effectively to information relevant to public and private decision making,</li> <li>6. analyze and appreciate works of philosophical, historical, literary, aesthetic and cultural importance,</li> <li>7. develop an historical understanding of major civilizations and cultures, both Western and non-Western,</li> <li>8. recognize the contributions to knowledge, civilization, and society that have been made by men, women and members of various ethnic or cultural groups,</li> <li>9. develop an understanding of the perspectives and methods of the social and behavioral sciences,</li> <li>10. comprehend the basic concepts of physical and biological sciences and a sophisticated understanding of science as a human endeavor, including the limitations as well as the power of scientific inquiry,</li> <li>11. enter into the upper division of four-year institutions and fully participate in the life of the state.</li> </ol>		

	<p>Students transferring to the UC will be able to:</p> <ol style="list-style-type: none"> <li>1. demonstrate written and oral proficiency in a language other than English equal to two years of high school study,</li> <li>2. demonstrate knowledge of the history and cultural traditions of the country associated with the language studied.</li> </ol>	
<p>84.</p>	<p><b>GE.DVC.D: General Ed, DVC</b> ✓</p> <p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. write clearly and read critically</li> <li>2. use scientific reasoning to understand the physical and biological world and how we affect it</li> <li>3. adapt to change by being flexible, curious, and open to new experiences</li> <li>4. understand oneself, and others in relationships</li> </ol> <p>Students will have knowledge of:</p> <ol style="list-style-type: none"> <li>1. the applications of mathematical concepts</li> <li>2. U.S. history and government</li> <li>3. information technology</li> <li>4. the connections across disciplines</li> </ol> <p>Students will have skills in:</p> <ol style="list-style-type: none"> <li>1. critical thinking and problem solving</li> <li>2. effective interpersonal oral communication</li> <li>3. economic survival in the culture and structure of the workplace and marketplace</li> <li>4. healthful living and wellness in physical, intellectual emotional, and social dimensions</li> </ol> <p>Students will have an appreciation of:</p> <ol style="list-style-type: none"> <li>1. the arts, through analysis and participation</li> <li>2. self and others in a culturally-diverse world</li> <li>3. how the past, present, and future interrelate on local national, and global levels</li> <li>4. ethics, integrity, and our responsibility to contribute to the community</li> </ol>	<p>Contact: Judy Foster Faculty SLO Committee</p>
<p>85.</p>	<p><b>AA.BROCA.D: AA Degree, Broadcast Communication Arts</b> ✓</p> <p>Students completing any program will be able to...</p> <ol style="list-style-type: none"> <li>1. produce for broadcast and digital distribution utilizing three-camera studio format principles (except Basic Digital Field Production and Basic Writing for Digital Medium),</li> <li>2. operate cameras and professional sound equipment (except Basic Writing for Digital Medium),</li> <li>3. perform digital nonlinear editing (except Basic Writing for Digital Medium),</li> <li>4. produce still and motion graphics (except Basic Writing for Digital Medium),</li> <li>5. produce for broadcast and digital distribution utilizing field production principles (except Basic Studio Production and Basic Writing for Digital Medium),</li> <li>6. write scripts for various production formats,</li> <li>7. direct projects for various production formats,</li> <li>8. transfer to four-year institutions majoring in broadcast communication arts,</li> <li>9. qualify for entry-level employment in broadcasting,</li> <li>10. apply their planning skills for project management,</li> <li>11. identify major trends in the history of broadcasting.</li> </ol>	<p>Contact: White, Ken Film and BCA Program</p>
<p>86.</p>	<p><b>CC.BCADF.D: Certificate of Accomplishment, Broadcast Communication Arts: Basic Digital Field Production</b> ✓</p> <p>Students completing any program will be able to...</p> <ol style="list-style-type: none"> <li>1. produce for broadcast and digital distribution utilizing three-camera studio format principles (except Basic Digital Field Production and Basic Writing for Digital Medium),</li> <li>2. operate cameras and professional sound equipment (except Basic Writing for Digital Medium),</li> <li>3. perform digital nonlinear editing (except Basic Writing for Digital Medium),</li> </ol>	<p>Contact: White, Ken Film and BCA Program</p>

	<ol style="list-style-type: none"> <li>4. produce still and motion graphics (except Basic Writing for Digital Medium),</li> <li>5. produce for broadcast and digital distribution utilizing field production principles (except Basic Studio Production and Basic Writing for Digital Medium),</li> <li>6. write scripts for various production formats,</li> <li>7. direct projects for various production formats,</li> <li>8. transfer to four-year institutions majoring in broadcast communication arts,</li> <li>9. qualify for entry-level employment in broadcasting,</li> <li>10. apply their planning skills for project management,</li> <li>11. identify major trends in the history of broadcasting.</li> </ol>	
<p>87.</p>	<p><b>CC.BCASP.D: Certificate of Accomplishment, Broadcast Communication Arts: Basic Studio Production</b> ✓</p> <p>Students completing any program will be able to...</p> <ol style="list-style-type: none"> <li>1. produce for broadcast and digital distribution utilizing three-camera studio format principles (except Basic Digital Field Production and Basic Writing for Digital Medium),</li> <li>2. operate cameras and professional sound equipment (except Basic Writing for Digital Medium),</li> <li>3. perform digital nonlinear editing (except Basic Writing for Digital Medium),</li> <li>4. produce still and motion graphics (except Basic Writing for Digital Medium),</li> <li>5. produce for broadcast and digital distribution utilizing field production principles (except Basic Studio Production and Basic Writing for Digital Medium),</li> <li>6. write scripts for various production formats,</li> <li>7. direct projects for various production formats,</li> <li>8. transfer to four-year institutions majoring in broadcast communication arts,</li> <li>9. qualify for entry-level employment in broadcasting,</li> <li>10. apply their planning skills for project management,</li> <li>11. identify major trends in the history of broadcasting.</li> </ol>	<p>Contact: White, Ken Film and BCA Program</p>
<p>88.</p>	<p><b>CC.BCAWD.D: Certificate of Accomplishment, Broadcast Communication Arts: Basic Writing for Digital Medium</b> ✓</p> <p>Students completing any program will be able to...</p> <ol style="list-style-type: none"> <li>1. produce for broadcast and digital distribution utilizing three-camera studio format principles (except Basic Digital Field Production and Basic Writing for Digital Medium),</li> <li>2. operate cameras and professional sound equipment (except Basic Writing for Digital Medium),</li> <li>3. perform digital nonlinear editing (except Basic Writing for Digital Medium),</li> <li>4. produce still and motion graphics (except Basic Writing for Digital Medium),</li> <li>5. produce for broadcast and digital distribution utilizing field production principles (except Basic Studio Production and Basic Writing for Digital Medium),</li> <li>6. write scripts for various production formats,</li> <li>7. direct projects for various production formats,</li> <li>8. transfer to four-year institutions majoring in broadcast communication arts,</li> <li>9. qualify for entry-level employment in broadcasting,</li> <li>10. apply their planning skills for project management,</li> <li>11. identify major trends in the history of broadcasting.</li> </ol>	<p>Contact: White, Ken Film and BCA Program</p>
<p>89.</p>	<p><b>CA.BROCA.D: Certificate of Achievement, Broadcast Communication Arts</b> ✓</p> <p>Students completing any program will be able to...</p> <ol style="list-style-type: none"> <li>1. produce for broadcast and digital distribution utilizing three-camera studio format principles (except Basic Digital Field Production and Basic Writing for Digital Medium),</li> <li>2. operate cameras and professional sound equipment (except Basic Writing for Digital Medium),</li> <li>3. perform digital nonlinear editing (except Basic Writing for Digital Medium),</li> <li>4. produce still and motion graphics (except Basic Writing for Digital Medium),</li> <li>5. produce for broadcast and digital distribution utilizing field production principles (except Basic Studio Production and Basic Writing for Digital Medium),</li> <li>6. write scripts for various production formats,</li> </ol>	<p>Contact: White, Ken Film and BCA Program</p>

	<ul style="list-style-type: none"> <li>7. direct projects for various production formats,</li> <li>8. transfer to four-year institutions majoring in broadcast communication arts,</li> <li>9. qualify for entry-level employment in broadcasting,</li> <li>10. apply their planning skills for project management,</li> <li>11. identify major trends in the history of broadcasting.</li> </ul>	
90.	<b>CA.FRNCH.D: Certificate of Achievement, French</b> ✓ ✓	Contact: Martinez, Claudia Foreign Language Department
	Students completing the program will be able to... <ul style="list-style-type: none"> <li>1. comprehend a spoken dialogue in the target language.</li> <li>2. identify the present, past and future tenses in a written paragraph.</li> <li>3. interpret cultural behavior.</li> </ul>	
91.	<b>CA.GRMN.D: Certificate of Achievement, German</b> ✓ ✓	Contact: Martinez, Claudia Foreign Language Department
	Students completing the program will be able to... <ul style="list-style-type: none"> <li>1. comprehend a spoken dialogue in the target language.</li> <li>2. identify the present, past and future tenses in a written paragraph.</li> <li>3. interpret cultural behavior.</li> </ul>	
92.	<b>CA.ITAL.D: Certificate of Achievement, Italian</b> ✓ ✓	Contact: Martinez, Claudia Foreign Language Department
	Students completing the program will be able to... <ul style="list-style-type: none"> <li>1. comprehend a spoken dialogue in the target language.</li> <li>2. identify the present, past and future tenses in a written paragraph.</li> <li>3. interpret cultural behavior.</li> </ul>	
93.	<b>CA.JPN.D: Certificate of Achievement, Japanese</b> ✓ ✓	Contact: Martinez, Claudia Foreign Language Department
	Students completing the program will be able to... <ul style="list-style-type: none"> <li>1. comprehend a spoken dialogue in the target language.</li> <li>2. identify the present, past and future tenses in a written paragraph.</li> <li>3. interpret cultural behavior.</li> </ul>	
94.	<b>CA.MANCH.D: Certificate of Achievement, Mandarin Chinese</b> ✓ ✓	Contact: Martinez, Claudia Foreign Language Department
	Students completing the program will be able to... <ul style="list-style-type: none"> <li>1. comprehend a spoken dialogue in the target language.</li> <li>2. identify the present, past and future tenses in a written paragraph.</li> <li>3. interpret cultural behavior.</li> </ul>	
95.	<b>CA.RUSS.D: Certificate of Achievement, Russian</b> ✓ ✓	Contact: Martinez, Claudia Foreign Language Department
	Students completing the program will be able to... <ul style="list-style-type: none"> <li>1. comprehend a spoken dialogue in the target language.</li> <li>2. identify the present, past and future tenses in a written paragraph.</li> <li>3. interpret cultural behavior.</li> </ul>	
96.	<b>CA.SPAN.D: Certificate of Achievement, Spanish</b> ✓ ✓	Contact: Martinez, Claudia Foreign Language Department
	Students completing the program will be able to... <ul style="list-style-type: none"> <li>1. comprehend a spoken dialogue in the target language.</li> <li>2. identify the present, past and future tenses in a written paragraph.</li> <li>3. interpret cultural behavior.</li> </ul>	
97.	<b>AS.ADSAC.D: AS Degree, Addiction Counseling</b> ✓ ✓	Contact: Hewitt, Barbara Health Science Department
	Students completing the program will be able to... <ul style="list-style-type: none"> <li>1. co-facilitate group discussions</li> <li>2. create helping strategies and treatment modalities based on a client's stage of dependence change or recovery</li> </ul>	

	<ol style="list-style-type: none"> <li>3. demonstrate an understanding of a variety of addiction treatment models</li> <li>4. recognize the importance of social and community services in the treatment and recovery process</li> <li>5. demonstrate an understanding of how addiction affects family systems</li> <li>6. demonstrate an understanding of various assessment tools, treatment plans and charting protocols</li> <li>7. demonstrate an understanding of legal and ethical concerns for workers in the addiction field</li> <li>8. demonstrate basic listening skills</li> </ol>	
98.	<b>AS.ADSAS.D: AS Degree, Addiction Studies</b> ✓ ✓	Contact: Hewitt, Barbara Health Science Department
	<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. create helping strategies and treatment modalities based on a client's stage of dependence change or recovery</li> <li>2. demonstrate an understanding of a variety of addiction treatment models</li> <li>3. recognize the importance of social and community services in the treatment and recovery process</li> <li>4. demonstrate an understanding of how addiction affects family systems</li> <li>5. demonstrate an understanding of various assessment tools, treatment plans and charting protocols</li> </ol>	
99.	<b>AS.HSCL.D: AS Degree, Behavioral Health</b> ✓ ✓	Contact: Hewitt, Barbara Health Science Department
	<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. apply a multi-dimensional approach to health that incorporates the study of social, behavioral and physiological sciences,</li> <li>2. identify risk factors for disease and disability,</li> <li>3. analyze the psychological, physical, social, sexual, and environmental influences on health and wellness,</li> <li>4. demonstrate behavior-changing techniques to maximize health and wellness,</li> <li>5. identify jobs for health educators such as Workplace Wellness Programs, County Health Department, Hospital/Health Insurance Health Education Center, State or University Health Center, Planned Parenthood, or any Health Club that offers health education information,</li> <li>6. pursue specialized occupations in the health profession, such as the above stated,</li> <li>7. pursue baccalaureate degrees useful in the field of Health Education.</li> </ol>	
100.	<b>CA.ADSAC.D: Certificate of Achievement, Addiction Counseling</b> ✓ ✓	Contact: Hewitt, Barbara Health Science Department
	<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. co-facilitate group discussions</li> <li>2. create helping strategies and treatment modalities based on a client's stage of dependence change or recovery</li> <li>3. demonstrate an understanding of a variety of addiction treatment models</li> <li>4. recognize the importance of social and community services in the treatment and recovery process</li> <li>5. demonstrate an understanding of how addiction affects family systems</li> <li>6. demonstrate an understanding of various assessment tools, treatment plans and charting protocols</li> <li>7. demonstrate an understanding of legal and ethical concerns for workers in the addiction field</li> <li>8. demonstrate basic listening skills</li> </ol>	
101.	<b>CA.ADSAS.D: Certificate of Achievement, Addiction Studies</b> ✓ ✓	Contact: Hewitt, Barbara Health Science Department
	<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. create helping strategies and treatment modalities based on a client's stage of dependence change or recovery</li> <li>2. demonstrate an understanding of a variety of addiction treatment models</li> <li>3. recognize the importance of social and community services in the treatment and recovery process</li> <li>4. demonstrate an understanding of how addiction affects family systems</li> <li>5. demonstrate an understanding of various assessment tools, treatment plans and charting protocols</li> </ol>	
102.	<b>CA.HORT.D: Certificate of Achievement, Horticulture</b> ✓ ✓	Contact: Gelinis, Rick Horticulture Program
	<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. apply their knowledge of plants to the landscape setting,</li> <li>2. apply their knowledge of the environment to the landscape setting,</li> <li>3. predict plant outcomes,</li> <li>4. appraise available career paths</li> </ol>	
103.	<b>CA.HRTLC.D: Certificate of Achievement, Landscape Construction</b> ✓ ✓	Contact: Gelinis, Rick Horticulture Program

	<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. prepare, model and contour ground prior to planting,</li> <li>2. stake and plant a tree,</li> <li>3. plant shrubs from a design plan,</li> <li>4. design and plant a winter or spring bedding scheme,</li> <li>5. recognize the features and use of the following displays: annuals, perennials, and bulbs.</li> </ol>	
104.	<p><b>CA.HRTL.D: Certificate of Achievement, Landscape Design</b> ✓ ✓</p> <p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. develop fundamental designer and client communication techniques,</li> <li>2. perform a site analysis and inventory,</li> <li>3. measure a site, calculate site slope and relationship to site structures,</li> <li>4. recognize and develop a personal landscape design process,</li> <li>5. create presentations through graphic sketching and drafting,</li> <li>6. identify plant and non-plant material suitable for specific site design,</li> <li>7. produce a portfolio and related documents necessary to enter the marketplace.</li> </ol>	Contact: Gelinis, Rick Horticulture Program
105.	<p><b>CA.HRTLM.D: Certificate of Achievement, Landscape Maintenance</b> ✓ ✓</p> <p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. Know how to control weed</li> <li>2. Maintain and use a lawnmower and demonstrate safe working practices</li> <li>3. Demonstrate the following skills: pruning, training, trimming</li> <li>4. Recognize and control common pests and diseases</li> <li>5. Identify areas requiring maintenance</li> <li>6. Understand the use of different types of herbicides, pesticides and fertilizers</li> </ol>	Contact: Gelinis, Rick Horticulture Program
106.	<p><b>CA.BKPST.D: Certificate of Achievement, Baking and Pastry</b> ✓</p> <p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. explain and apply baking/pastry terms and procedures appropriately,</li> <li>2. select, organize, and analyze ingredients used in baking and pastry production,</li> <li>3. select, recognize, and utilize equipment and tools used in baking and pastry production,</li> <li>4. scale and measure ingredients properly,</li> <li>5. produce an array of bakery and pastry products,</li> <li>6. evaluate quality standards in baking and pastry products in written and oral form.</li> </ol>	Contact: Eustes, Bob Hotel and Restaurant Management Department
107.	<p><b>CA.CULN.D: Certificate of Achievement, Culinary Arts</b> ✓</p> <p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. demonstrate the proper application of dry, moist, and combination cooking methods to a variety of food products,</li> <li>2. demonstrate current Food Service sanitation procedures,</li> <li>3. prepare and serve food according to professional industry standards,</li> <li>4. calculate costs and apply procedures in order to run a cost effective foodservice establishment,</li> <li>5. create menus that incorporate menu planning principles that maximize sales and profits,</li> <li>6. produce a variety of bakery products using standard baking procedures and evaluate the products based on method, timing, appearance, texture, cell structure and overall eating quality,</li> <li>7. demonstrate the ability to work as an effective member of a production team.</li> </ol>	Contact: Eustes, Bob Hotel and Restaurant Management Department
108.	<p><b>CA.RSTMG.D: Certificate of Achievement, Restaurant Management</b> ✓</p> <p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. identify and explain factors that determine quality food,</li> <li>2. explain the theory of yield management as it relates to lodging operations,</li> <li>3. present ideas and concepts in written and oral form,</li> <li>4. calculate cost and apply procedures in order to run a cost effective foodservice establishment.</li> </ol>	Contact: Eustes, Bob Hotel and Restaurant Management Department

109.	<b>AA.HUM1.D: AA Degree, Letters and Science: Humanities</b> ✓ ✓	Contact: Miller, Ruth Humanities and Philosophy Department
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. use their critical thinking skills to analyze and evaluate both formally and contextually, a variety of creative works and literary documents,</li> <li>2. compare and contrast the historic meaning and impact of works selected from the various arts, and from philosophic and religious literature,</li> <li>3. recognize and explain the integration of arts and ideas in selected cultural, historical, and thematic contexts,</li> <li>4. demonstrate their ability to articulate clearly in oral and written form objective analyses of major works from the various arts, and from philosophic and religious literature.</li> </ol>		
110.	<b>AS.LIBIT.D: AS Degree, Library Technology</b> ✓ ✓	Contact: Kivel, Andy Library and Information Technology Program
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. explain library fundamental principles including intellectual freedom, open access, diversity, and patron privacy and confidentiality</li> <li>2. apply knowledge and skills gained through the coursework to perform library technician level tasks.</li> <li>3. describe the characteristics of libraries and the roles of libraries in a diverse, multicultural, and democratic society, and how these needs can be met.</li> <li>4. apply the basic principles and standardized systems of ordering, cataloging, classifying, processing, and maintaining library materials and resources.</li> <li>5. demonstrate the workplace communication skills necessary to successfully interact with users and staff in the library and other information services.</li> <li>6. identify and use the technologies found in the library and other information services.</li> <li>7. analyze information critically to draw conclusions and/or solve problems when working with patrons, materials, and technology.</li> </ol>		
111.	<b>CA.LIBIT.D: Certificate of Achievement, Library Technology</b> ✓ ✓	Contact: Kivel, Andy Library and Information Technology Program
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. explain library fundamental principles including intellectual freedom, open access, diversity, and patron privacy and confidentiality</li> <li>2. apply knowledge and skills gained through the coursework to perform library technician level tasks.</li> <li>3. describe the characteristics of libraries and the roles of libraries in a diverse, multicultural, and democratic society, and how these needs can be met.</li> <li>4. apply the basic principles and standardized systems of ordering, cataloging, classifying, processing, and maintaining library materials and resources.</li> <li>5. demonstrate the workplace communication skills necessary to successfully interact with users and staff in the library and other information services.</li> <li>6. identify and use the technologies found in the library and other information services.</li> <li>7. analyze information critically to draw conclusions and/or solve problems when working with patrons, materials, and technology.</li> </ol>		
112.	<b>AA.MATH.D: AA Degree, Mathematics</b> ✓ ✓	Contact: Wilcox, Cheryl Math Department
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. solve problems in linear algebra and differential and integral calculus, both single and multivariable</li> <li>2. recognize, explain, and apply basic techniques of mathematical proof</li> <li>3. utilize skills from calculus and post-calculus mathematics to solve mathematical problems from sciences such as physics, chemistry, engineering, or computer science</li> </ol>		
113.	<b>AA.MIS.D: Certificate of Achievement, Music</b> ✓ ✓	Contact: Lee, Owen Music Department
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. produce recorded music projects,</li> <li>2. protect intellectual property rights,</li> <li>3. demonstrate the professional behaviors of participation and time management required in the music industry.</li> </ol>		
114.	<b>AS.COACH.D: AS Degree, Coaching</b> ✓ ✓	Contact: Chisar, Mike Physical Education, Athletics and Dance Department
<p>Students completing the program will be able to...</p>		

	<ol style="list-style-type: none"> <li>1. develop practice plans, analyze strategy and teach techniques specific to a chosen sport,</li> <li>2. incorporate concepts of an athlete's psychological and physical health to improve performance,</li> <li>3. qualify for employment as an effective coach of youth, high school, and/or adult sports,</li> <li>4. apply for transfer to a four-year institutions in such disciplines as kinesiology, exercise science and/or a teacher credential program (degree only).</li> </ol>	
115.	<b>AS.FITPT.D: AS Degree, Fitness Instruction/Personal Training</b> ✓ ✓	Contact: Chisar, Mike Physical Education, Athletics and Dance Department
	Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. conduct assessment of personal fitness levels,</li> <li>2. develop a conditioning program to improve conditioning levels utilizing the periodization model,</li> <li>3. design a conditioning program to meet the unique needs of special populations,</li> <li>4. take the NASM, AFAA or other national certification exam.</li> </ol>	
116.	<b>AS.PESPM.D: AS Degree, Sports Medicine/Athletic Training</b> ✓ ✓	Contact: Chisar, Mike Physical Education, Athletics and Dance Department
	Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. apply for transfer into a healthcare program at a 4-year school including athletic training, nursing, physician assistant, pre-physical therapy and pre-med. programs,</li> <li>2. succeed in the four-year program by being academically prepared in areas such as anatomy, medical terminology and emergency medical procedures,</li> <li>3. succeed in the four-year program by being clinically prepared in areas such as injury evaluation, rehabilitation and massage techniques.</li> </ol>	
117.	<b>CA.COACH.D: Certificate of Achievement, Coaching</b> ✓ ✓	Contact: Chisar, Mike Physical Education, Athletics and Dance Department
	Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. develop practice plans, analyze strategy and teach techniques specific to a chosen sport,</li> <li>2. incorporate concepts of an athlete's psychological and physical health to improve performance,</li> <li>3. qualify for employment as an effective coach of youth, high school, and/or adult sports,</li> <li>4. apply for transfer to a four-year institutions in such disciplines as kinesiology, exercise science and/or a teacher credential program (degree only).</li> </ol>	
118.	<b>CA.FITPT.D: Certificate of Achievement, Fitness Instruction/Personal Training</b> ✓ ✓	Contact: Chisar, Mike Physical Education, Athletics and Dance Department
	Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. conduct assessment of personal fitness levels,</li> <li>2. develop a conditioning program to improve conditioning levels utilizing the periodization model,</li> <li>3. design a conditioning program to meet the unique needs of special populations,</li> <li>4. take the NASM, AFAA or other national certification exam.</li> </ol>	
119.	<b>AA.SGEO1.D: AA Degree, Social/Cultural Geography</b> ✓	Contact: Sinha, Binita Physical Sciences, Physics, Astronomy, Geography (+GIS/GPS), and Geology Department
	Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. describe the spatial organization of the world's peoples, nations, cultural environments,</li> <li>2. compare and contrast the levels of economic development and their underlying environmental and cultural factors,</li> <li>3. demonstrate a global view with appreciation for diverse cultures and societies.</li> </ol>	
120.	<b>AS.GEOGS.D: AS Degree, Geographic Information Systems/ Global Positioning Systems</b> ✓ ✓	Contact: Sinha, Binita Physical Sciences, Physics, Astronomy, Geography (+GIS/GPS), and Geology Department
	Students completing the program will be able to... <ol style="list-style-type: none"> <li>1. analyze the inter-disciplinary applications of GIS, GPS, and remote sensing,</li> <li>2. synthesize data from various sources and different formats for spatial analyses,</li> <li>3. apply spatial tools and techniques in a research or work environment.</li> </ol>	

121.	<b>AS.MET1.D: AS Degree, Meteorology</b> ✓	Contact: Sinha, Binita Physical Sciences, Physics, Astronomy, Geography (+GIS/GPS), and Geology Department
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. describe the structure and properties of the atmosphere and atmospheric circulation systems,</li> <li>2. develop and explain a forecast in the short to medium time range,</li> <li>3. demonstrate the ability to apply atmospheric studies to interdisciplinary and practical applications for commercial and public needs.</li> </ol>		
122.	<b>AS.PGEO1.D: AS Degree, Physical Geography</b> ✓	Contact: Sinha, Binita Physical Sciences, Physics, Astronomy, Geography (+GIS/GPS), and Geology Department
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. demonstrate proficiency in the use of field data collection and mapping techniques,</li> <li>2. compare and contrast the interactions between the natural environment and human activities,</li> <li>3. demonstrate a grounding in the modern technical skills of the discipline, including computer cartography, geographic information systems and global positioning systems.</li> </ol>		
123.	<b>CC.GEOGS.D: Certificate of Accomplishment, Geographic Information Systems/ Global Positioning Systems</b> ✓ ✓	Contact: Sinha, Binita Physical Sciences, Physics, Astronomy, Geography (+GIS/GPS), and Geology Department
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. analyze the inter-disciplinary applications of GIS, GPS, and remote sensing,</li> <li>2. synthesize data from various sources and different formats for spatial analyses,</li> <li>3. apply spatial tools and techniques in a research or work environment.</li> </ol>		
124.	<b>CA.GEOGS.D: Certificate of Achievement, Geographic Information Systems/ Global Positioning Systems</b> ✓ ✓	Contact: Sinha, Binita Physical Sciences, Physics, Astronomy, Geography (+GIS/GPS), and Geology Department
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. analyze the inter-disciplinary applications of GIS, GPS, and remote sensing,</li> <li>2. synthesize data from various sources and different formats for spatial analyses,</li> <li>3. apply spatial tools and techniques in a research or work environment.</li> </ol>		
125.	<b>AA.PSY1.D: AA Degree, Psychology</b> ✓ ✓	Contact: Rode, Lee Psychology Program
<p>Students completing the program will be able to...</p> <ol style="list-style-type: none"> <li>1. identify the major theoretical orientations in psychology and demonstrate knowledge of basic psychological concepts regarding behavior and mental processes,</li> <li>2. demonstrate knowledge of research methods, ethical considerations in conducting research, and effective use of the American Psychological Association (APA) style in presenting information,</li> <li>3. utilize critical thinking skills to analyze, evaluate, and make decisions concerning complex contemporary issues in psychology,</li> <li>4. recognize the complexity of social, cultural, and international diversity,</li> <li>5. apply psychological principles to the development of interpersonal, occupational, and social skills, and life-long personal growth,</li> <li>6. demonstrate understanding of major theories, concepts, and research findings in selected content areas of psychology, such as lifespan development, personality and social psychology, neuroscience, and abnormal psychology.</li> </ol>		