

Total Active Programs: 279

Total Pending Programs: 78

Active Programs with SLOAs: 268

Pending Programs with SLOAs: 68

Active Percentage: 96.06%

Pending Percentage: 87.18%

Percentage of Active Programs with SLOAs After Pending Become Active : 94.12%

Discipline	Program Title	Student Learning Outcomes	Assessment
ACCT	Accounting Associate in Science Degree (R 2020) (Active)	Prepare, comprehend, and analyze the basic accounting financial statements: Income Statement, Retained Earnings Statement, Balance Sheet, Statement of Cash Flows and the related notes to the financial statements.	Assessment completed by a department standard.
		Develop and use accounting information for daily recording of business financial transactions in a manufacturing environment, and develop and use operational budgets for a manufacturing company.	Assessment completed by a department standard.
		Recognize revenues and expenses in the proper period as required in accrual basis accounting and Generally Accepted Accounting Principles (GAAP), and make adjustments to ledger accounts accordingly.	Assessment completed by a department standard.
		Use the computer to input routine cash and credit transactions involving sales, purchases, expenses and employees into a computerized general ledger accounting software program.	Assessment completed by a department standard.
ACCT	Accounting Certificate (R 2020) (Active)	Recognize revenues and expenses in the proper period as required in accrual basis accounting and Generally Accepted Accounting Principles (GAAP), and make adjustments to ledger accounts accordingly.	Assessment completed by a department standard.
		Develop and use accounting information for daily recording of business financial transactions in a manufacturing environment, and develop and use operational budgets for a manufacturing company.	Assessment completed by a department standard.

		Prepare, comprehend, and analyze the basic accounting financial statements: Income Statement, Retained Earnings Statement, Balance Sheet, Statement of Cash Flows and the related notes to the financial statements.	Assessment completed by a department standard.
		Use the computer to input routine cash and credit transactions involving sales, purchases, expenses and employees into a computerized general ledger accounting software program.	Assessment completed by a department standard.
ACCT	Advanced Bookkeeping Certificate (N 2020) (Active)	Identify the accounting cycle steps, including the adjusting and closing processes.	Written exam or other department standard.
		Prepare financial statements using either manual or computerized accounting books and records.	Written exam or other department standard.
		Prepare journal entries in accordance with Generally Accepted Accounting Principles (GAAP).	Written exam or other department standard.
ACCT	Cost Accounting Certificate (N 2020) (Active)	Determine both fixed and variable costs associated with a product line to determine the break-even point, and then ultimately the profit.	Exam or other department standard.
		Determine the actual cost associated with manufacturing a product or providing a service by looking at all expenses within the supply chain.	Exam or other department standard.
		Prepare budget and analyze profitability. The information derived from this process is useful to managers in determining which products, departments or services are most profitable and which ones need improvement.	Exam or other department standard.
		Identify all methods of cost accounting such as the Standard Costing System, Activity-Based Costing, Throughput Accounting, and Cost-Volume-Profit Analysis.	Exam or other department standard.
ACCT	Entry-Level Accounting Certificate (N 2020)	Prepare accounting records in accordance to Generally Accepted Accounting Principles (GAAP).	Written exam or other department standard.
ACCT	Financial Accounting	Analyze and record accounting transactions.	Written exam or other department

	Certificate (Active)	Analyze and record accounting adjustments in accordance with Generally Accepted Accounting Principles.	Written exam or other department standard.
		Prepare, analyze and interpret basic financial statements.	Written exam or other department
ACCT	Individual Taxation Certificate (Active)	Recommend tax-planning opportunities and advise appropriate tax-saving strategies.	Written exam or other department standard.
		Prepare an individual tax return.	Written exam or other department
ACCT	Payroll Accounting Certificate (N 2020) (Active)	Prepare payroll records and payroll tax returns.	Exam or other department standard.
		Interpret employment laws and employment tax laws.	Exam or other department standard.
		Prepare journal entries in accordance to Generally Accepted Accounting Principles (GAAP).	Exam or other department standard.
ACCT	Small Business Bookkeeping Certificate (N	Prepare journal entries in accordance with Generally Accepted Accounting Principles (GAAP).	Written exam or other department standard.
AJ	Administration of Justice Associate in Science Degree (Active)	Prepare and compose organized written reports that include proper fact patterns and appropriate administrative actions by law enforcement officers.	Common question/answer, problem-solving, and/or critical thinking writing assignments assessed against
		Demonstrate an understanding of the laws, Constitutional requirements, and legally defined procedures that criminal justice professionals have to adhere to when practicing within the field of criminal justice.	Common question/answer, problem-solving, and/or critical thinking writing assignments assessed against a department standard
		Analyze contemporary issues in law enforcement and their impact on day to day operations of a law enforcement agency.	Common question/answer, problem-solving, and/or critical thinking writing assignments assessed against
AJ	Administration of Justice Associate in Science Degree for Transfer (Active)	Demonstrate an understanding of criminal law and the judicial process.	Common questions or problems assessed against a department
		Demonstrate an understanding of forensics and criminology.	Common questions or problems assessed against a department

AJ	Law Enforcement Skills Development Skills		
ANAT	Pre-Nursing Associate in Arts Degree (Active)	Upon successful completion of courses leading to the Pre-Nursing Associate in Sciences Degree, the student will be able to distinguish between normal and pathological phenomena.	Common questions, problems, or projects assessed at the course level.
		Upon successful completion of courses leading to the Pre-Nursing Associate in Sciences Degree, the student will be able to demonstrate safe and proficient use of laboratory equipment and techniques including microscopes, dissection, aseptic handling of microorganisms, basic biochemical testing protocols, etc.	Common questions, problems, or projects assessed at the course level.
		Upon successful completion of courses leading to the Pre-Nursing Associate in Sciences Degree, the student will be able to demonstrate an understanding of how the scientific method is used to explore anatomy, physiology, and microbiology.	Common questions, problems, or projects assessed at the course level.
ANTH	Anthropology Associate in Arts Degree (Active)	Apply cultural relativism to an analysis of globalization and its effects on the general characteristics of culture in the modern world.	Assessed at the course level.
		Identify and apply the key terminology, theories, theoretical orientations, methods and perspectives used in anthropology.	Assessed at the course level.
		Identify and describe physical similarities and differences among and between; non-human primates, hominids, and modern Homo Sapiens, using standard methodology.	Assessed at the course level.
		Compare and contrast scientific knowledge with other ways of knowing, and be able to apply scientific knowledge to the study of humans.	Assessed at the course level.

ANTH	Anthropology Associate in Arts Degree for Transfer (Active)	Upon successful completion of courses leading to the Anthropology Associate in Arts Degree for Transfer, the student will be able to apply cultural relativism to an analysis of globalization and its effects on the general characteristics of culture in the modern world.	Assessed at the course level.
		Upon successful completion of courses leading to the Anthropology Associate in Arts Degree for Transfer, the student will be able to identify and apply the key terminology, theories, theoretical orientations, methods and perspectives used in anthropology.	Assessed at the course level.
		Upon successful completion of courses leading to the Anthropology Associate in Arts Degree for Transfer, the student will be able to compare and contrast scientific knowledge with other ways of knowing, and be able to apply scientific knowledge to the study of humans.	Assessed at the course level.
ARCH	Architectural CAD Technology Certificate (FY 2017) (Active)	Be prepared for entry level employment as a CAD technician / 3D BIM modeler and renderer in the fields of architecture, engineering, and interior design.	Successful employment as a CAD technician / 3D BIM modeler and renderer in the fields of architecture,
ARCH	Architectural CAD Technology Certificate (R 2020) (Active)	Generate drawings using design tools and equipment of the profession.	Tests, quizzes, class assignments, and/or projects assessed against a
		Point out graphic principles/standards and conventions used in 2D/3D architectural design.	Tests, quizzes, class assignments, and/or projects assessed against a
ARCH	Architecture Associate in Science Degree (Active)	Develop CAD structural drawings of all types and use them to solve construction problems as an intern.	Demonstration of various drawing techniques associated with computer-
		Define various design concepts commensurate with entry-level university architecture courses as a transfer student.	Oral critique assessing skills necessary to present solutions to
ARCH	Architecture Mini CAD Certificate (Active)	Generate and prepare CAD drawings using Auto CAD and Revit.	Tests, quizzes, class assignments, and/or projects assessed against a

ART	Advertising and Graphic Design Associate in Arts Degree (Active)	Apply the terminology of computer graphics to communications within the field of digital media.	Assessment through a department standard.
		Demonstrate an advanced understanding of electronic prepress, typography, paper specification, and commercial printing methods.	Assessment through a department standard.
		Create computer generated, comprehensive, publication designs that are suitable for inclusion in a student's portfolio.	Assessment through a department standard.
		Demonstrate a beginning knowledge of contemporary and historical graphic design.	Assessment through a department standard.
ART	Advertising and Graphic Design Certificate (Active)	Apply the terminology of computer graphics to communications within the field of digital media.	Through observation of skills demonstration assessed at the course
		Demonstrate an understanding of electronic pre-press, typography, paper specification, and commercial printing methods.	Through projects or portfolios of student work assessed at the course level.
		Create computer generated publication designs that are suitable for inclusion in a student's portfolio.	Through projects or portfolios of student work assessed at the course
ART	Art Associate in Arts Degree (Active)	Recognize and describe excellence in art.	Through observation of skills demonstration assessed at the course
		Determine artistic solutions to visual design problems in multiple genres.	Through projects or portfolios of student work assessed at the course
		Formulate conceptual considerations as they relate to the creation of art and design.	Through projects or portfolios of student work assessed at the course
		Demonstrate an understanding of, and show proficiency in, the fundamentals of art making with various tools and materials.	Through projects or portfolios of student work assessed at the course level.
		Demonstrate an understanding of the fundamental elements in art and be able to identify a variety of medias within the context of Art History.	Through common questions imbedded in an exam assessed at the course level.
ART	Art History Associate in Arts Degree for Transfer (Active)	Identify important works of art and architecture from non-Western cultures and understand their significance within a social-political context.	Exams or papers

		Identify important works of art and architecture from the modern and contemporary periods and understand their significance within a social-political context.	Exams or papers
		Identify key works of art and architecture by artists from the Renaissance to the modern era and understand their significance within a social-political context.	Exams or papers
		Identify key works of art and architecture from a variety of ancient cultures and understand their significance within a social-political context.	Exams or papers
ART	Art History/ Museum Studies Associate in Arts Degree (2019) (Active)	Identify important European works of art by Michelangelo, da Vinci, Rembrandt, Goya, and other seminal figures of European art and architecture and/or from global art histories..	Common questions or problems embedded in an exam
		Prepare in-depth analysis of a museum exhibition, addressing concerns of layout, flow, use of color, educational materials including didactic panels, and curatorial concept.	Essay/writing assignment assessed against a department standard.
ART	Children's Book Illustration Certificate (Active)	Demonstrate an understanding of the expectations of the field of Children's Book Illustration, relating to interaction with peers and project leaders in a creative situation or environment.	Through observation of skills demonstration assessed at the course level.
		Demonstrate evidence of proficiency in a variety of creative areas, including: Sketching skills/rapid visualization, two-dimensional design and color, draftsmanship of accurate human anatomy, knowledge of digital illustration programs, and creative storytelling.	Through projects or portfolios of student work assessed at the course level.
ART	Illustration Certificate (Active)	Demonstrate evidence of proficiency in a variety of creative areas, including: Sketching skills/rapid visualization, two-dimensional design and color, and draftsmanship of accurate human anatomy, digital illustration programs	Through projects or portfolios of student work assessed at the course level.

		Demonstrate an understanding of the expectations of the field of Illustration, relating to interaction with peers and project leaders in a creative situation or environment.	Through observation of skills demonstration assessed at the course level.
ART	Museum Assistant Certificate (Active)	Analyze, compare and contrast the theme and concept of selected exhibitions	Essay/writing assignment assessed against a department standard
		Prepare in-depth analysis of a museum exhibition, addressing concerns of layout, flow, use of color, educational materials including didactic panels, and curatorial concept	Essay/writing assignment assessed against a department standard
ART	Storyboarding Certificate (Active)	Demonstrate proficiency in storyboarding techniques, including: story development, illustrating the narrative, and designing sequences in panels to demonstrate action and continuity between shots.	Through homework assignments and final project.
		Demonstrate an understanding of Storyboarding by translating scripts/screenplays into beat-sheets and visually developing thumbnail designs that convey/enforce story, and presenting finalized images for Pre -Vis.	Through observation of skills demonstrated in homework assignments and the final project.
		Demonstrate evidence of proficiency in a variety of art-techniques, including: composition, perspective, sketching skills and rapid visualization.	Through student projects assessed against a department standard.
ART	Studio Arts Associate in Arts Degree for Transfer (Active)	Upon successful completion of the courses leading to the Studio Arts Associate in Arts Degree for Transfer, the student will be able to create work in two-dimensions and three-dimensions in a variety of different disciplines and media.	Projects assessed against a department standard.
		Upon successful completion of the courses leading to the Studio Arts Associate in Arts Degree for Transfer, the student will be able to recognize artworks of ancient and/or modern Art History and demonstrate an understanding of their significance within a social-political context.	Exam questions.

		Upon successful completion of the courses leading to the Studio Arts Associate in Arts Degree for Transfer, the student will be able to analyze and arrange visual components according to recognized design standards.	Project assessed against a department standard.
AUTO	Automatic Transmission Specialist Certificate (Active)	Identify and practice safe work habits when using tools and equipment in an automotive repair shop.	Written tests, quizzes, class assignments, laboratory projects,
		Perform a wide array of preventative maintenance, service, and repair procedures related to automatic transmissions and automatic transaxles.	laboratory projects, laboratory NATEF Job Sheets, vehicle repair order completion
		Using a vehicle repair order, explain and record vehicle inspection and repair procedures performed in compliance with automotive industry standards.	laboratory projects, laboratory NATEF Job Sheets, vehicle repair order completion.
		Inspect, identify, and repair automatic transmission/transaxle malfunctions following manufacturer specifications and procedures.	Written tests, quizzes, class assignments, laboratory projects, laboratory NATEF Job Sheets
AUTO	Automotive Chassis Specialist Certificate (R 2021) (Active)	Inspect automotive chassis systems for faults, measure components, compare measurements to specifications, and propose corrective actions to be completed.	Written tests, quizzes, class assignments, laboratory projects.
		Identify and practice safe work habits when using tools and equipment in an automotive repair shop.	Written tests, quizzes, class assignments, laboratory projects.
		Using a vehicle repair order, explain and record the chassis inspection and repair procedures performed in compliance with automotive industry standards.	Class assignments, laboratory projects, and completed vehicle repair orders.
AUTO	Automotive Engine Performance Specialist Certificate (Active)	Inspect, identify, and repair vehicle malfunctions following manufacturer specifications and procedures.	Written tests, quizzes, class assignments, laboratory projects,
		Identify and practice safe work habits when using tools and equipment in an automotive repair shop.	Written tests, quizzes, class assignments, laboratory projects,
		Perform a wide array of preventative maintenance, service, diagnosis, and repair procedures related to engine performance and driveability.	laboratory projects, laboratory NATEF Job Sheets, vehicle repair order completion

		Using a vehicle repair order, explain and record vehicle inspection and repair procedures performed in compliance with automotive industry standards.	laboratory projects, laboratory NATEF Job Sheets, vehicle repair order completion.
AUTO	Automotive Fabrication Specialist Certificate (N 2021) (Active)	Identify and practice safe work habits when using tools and equipment in an automotive repair shop.	Written tests, quizzes, class assignments, laboratory projects,
		Plan, design, and fabricate various components related to the automotive industry	laboratory projects, laboratory NATEF Job Sheets, vehicle repair
AUTO	Automotive Light Repair Specialist Certificate (Active)	Using a vehicle repair order, explain and record vehicle inspection and repair procedures performed in compliance with automotive industry standards.	laboratory projects, laboratory NATEF Job Sheets, vehicle repair order completion
		Identify and practice safe work habits when using tools and equipment in an automotive repair shop.	Written tests, quizzes, class assignments, laboratory projects,
		Perform a wide array of vehicle preventative maintenance, service, and repair procedures related to electrical and lighting systems, heating and air conditioning systems, brake systems, suspensions, wheels and tires, and wheel alignment.	laboratory projects, laboratory NATEF Job Sheets, vehicle repair order completion
		Inspect, identify, and repair vehicle malfunctions following manufacturer specifications and procedures.	Written tests, quizzes, class assignments, laboratory projects,
AUTO	Automotive Maintenance Skills Certificate (Active)	Using a vehicle repair order, explain and record vehicle inspection and repair procedures performed in compliance with automotive industry standards.	laboratory projects, laboratory NATEF Job Sheets, vehicle repair order completion
		Perform a wide array of vehicle preventative maintenance and service procedures.	laboratory projects, laboratory NATEF Job Sheets, vehicle repair
		Identify and practice safe work habits when using tools and equipment in an automotive repair shop.	Written tests, quizzes, class assignments, laboratory projects,
		Inspect, identify, and repair vehicle malfunctions following manufacturer specifications and procedures.	Written tests, quizzes, class assignments, laboratory projects,

AUTO	Automotive Management Certificate (R 2021) (Active)	Employ high ethical standards when conducting business with automotive repair customers. Demonstrate alert behavior when discussing customer vehicle repairs or billing questions.	written tests, quizzes, class assignments, and laboratory projects.
		Generate a vehicle repair order and compute the repair costs associated with the customer's concern.	written tests, quizzes, class assignments, and laboratory
		Demonstrate an understanding of automotive systems through meaningful discussion of vehicle malfunctions experienced by a customer.	written tests, quizzes, class assignments, and laboratory projects.
		Identify and comply with automotive industry safety standards associated with an automotive repair facility.	written tests, quizzes, class assignments, and laboratory
AUTO	Automotive Manual Drive Train Specialist Certificate (Active)	Perform a wide array of preventative maintenance, service, and repair procedures related to manual transmissions, manual transaxles, clutch systems, drivelines, and differentials.	laboratory projects, laboratory NATEF Job Sheets, vehicle repair order completion
		Using a vehicle repair order, explain and record vehicle inspection and repair procedures performed in compliance with automotive industry standards.	laboratory projects, laboratory NATEF Job Sheets, vehicle repair order completion.
		Inspect, identify, and repair vehicle malfunctions following manufacturer specifications and procedures.	Written tests, quizzes, class assignments, laboratory projects,
		Identify and practice safe work habits when using tools and equipment in an automotive repair shop.	Written tests, quizzes, class assignments, laboratory projects,
AUTO	Automotive Service Advisor Certificate (R 2021) (Active)	Estimate the automotive repair cost and discuss the repair options with a customer. Follow up with the customer after the completion of repairs.	Class assignments, laboratory projects.
		Explain the proper operation and malfunction of automotive systems in a clear and concise manner to customers.	written tests, quizzes, class assignments, laboratory projects.
		Prepare repair orders that reflect an accurate representation of the customer concern.	written tests, quizzes, class assignments, laboratory projects.
		Demonstrate professionalism and courtesy to fellow employees and customers. Adhere to high ethical standards in all business transactions.	Class assignments, laboratory projects.

AUTO	Automotive Technology Associate in Science Degree (R 2021) (Active)	Identify and demonstrate proper documentation of automotive repairs.	Performance Tests, Written Tests, quizzes, class assignments, and laboratory projects assessed against a
		Identify and describe the components and their operation of the following automotive systems: ? Engine Repair ? Engines (Internal Combustion and Hybrid Technology) ? Automatic Transaxles/Transmissions ? Manual Drivetrain and Axles ? Suspension and Steering ? Brakes ? Electrical and Electronic Systems ? Heating and Air Conditioning ? Engine Performance	Performance Tests, Written Tests, quizzes, class assignments, and laboratory projects assessed against a department standard.
		Demonstrate automotive service and repair procedures following manufacturer's specifications.	Performance Tests, Written Tests, quizzes, class assignments, and laboratory projects assessed against a
		Perform Inspection and diagnostic procedures needed to assess the following automotive systems: ? Engine Repair ? Engines (Internal Combustion and Hybrid Technology) ? Automatic Transaxles/Transmissions ? Manual Drivetrain and Axles ? Suspension and Steering ? Brakes ? Electrical and Electronic Systems ? Heating and Air Conditioning ? Engine Performance	Performance Tests, Written Tests, quizzes, class assignments, and laboratory projects assessed against a department standard.
		Demonstrate the proper safety procedures and techniques required in an automotive repair facility.	Performance Tests, Written Tests, quizzes, class assignments, and laboratory projects assessed against a
AUTO	Automotive Technology Certificate (R 2021) (Active)	Compose a summary of work performed on a vehicle using the industry recognized concern, cause, and correction format.	written and performance tests, quizzes, class assignments, and
		Conduct a wide range of vehicle repairs of the various automotive systems.	written and performance tests, quizzes, class assignments, and
		Estimate the cost of a vehicle repair including parts and labor and write it in a clear and concise manner.	written and performance tests, quizzes, class assignments, and
		Perform diagnostic procedures to determine the cause of vehicle malfunctions and recommend the corrective actions to be taken.	written and performance tests, quizzes, class assignments, and laboratory projects.

		Demonstrate safe work habits associated with automotive repair shop employment and safely operate a wide array of hand and power tools to accomplish vehicle repairs.	written and performance tests, quizzes, class assignments, and laboratory projects.
AUTO	Automotive: Emission Control Specialist Certificate (Active)	Integrate advanced theory and diagnostic techniques through the use of advanced tools related to the repair of automotive emission control systems.	Written tests, quizzes, laboratory projects, and project based job sheets.
		Evaluate and solve questions related to mechanical engine performance, computer controlled powertrain systems, and electronic fuel management systems in preparation for The National Institute of Automotive Service Excellence (ASE) Exams, The State of California Smog Check Inspector Exam, and The State of California Smog Check Repair Technician Licensing Exam.	Written tests, quizzes, laboratory projects, and project based job sheets.
AUTO	Automotive: Fabrication Specialist Certificate		
BIOL	Biological Technician Associate in Science Degree (Active)	Upon successful completion of courses leading to the Biology Technician AS, the student will be able to demonstrate knowledge of biological processes from the molecular and cellular perspectives.	Common questions, problems, or projects assessed at the course level.
		Upon successful completion of courses leading to the Biology Technician AS, the student will be able to demonstrate safe and proficient use of laboratory equipment and techniques.	Common questions, problems, or projects assessed at the course level.
BIOL	Biology Associate in Arts Degree (Active)	Demonstrate safe and proficient use of laboratory equipment and techniques.	Common questions, problems, or projects assessed at the course level.
		Explain the significance of evolutionary theory and how it relates to life on Earth.	Common questions, problems, or projects assessed at the course level.
		Demonstrate an understanding of how the scientific method is used to explore topics in biology.	Common questions, problems, or projects assessed at the course level.

BIOL	Biology Associate in Science Degree for Transfer (Active)	Demonstrate safe and proficient use of laboratory equipment and techniques.	Skills demonstration or performance assessed against a department
		Demonstrate an understanding of how the scientific method is used to explore topics in biology.	Common questions or problems embedded in a final
		Explain the significance of evolutionary theory and how it relates to life on Earth.	Common questions or problems embedded in a final
BIOL	Biotechnology Biomanufacturing Technician Certificate (Active)	Demonstrate a basic understanding of the quality and regulatory compliance within the biotechnology industry.	Questions and problems on quizzes and exam.
		Demonstrate safe and proficient handling of laboratory equipment and techniques for protein biochemistry.	Quizzes, hands-on skills tests and/or lab practicum.
BIOL	Biotechnology Lab Assistant Skills Certificate (Active)	Demonstrate hands-on proficiency in basic molecular biology laboratory techniques.	Hands-on lab practicum skills tests.
		Demonstrate an understanding of laboratory safety regulations, recognize potential hazards, and practice safe and proficient use of laboratory equipment.	Quizzes and lab practicum.
		Demonstrate an understanding of basic molecular biology laboratory techniques.	Quizzes and final exam.
		Demonstrate an understanding of the professions available in the biotechnology and molecular biosciences industry.	Outline the educational and training pathway for a biotechnology-related
BIOL	Biotechnology Laboratory Technician Certificate (Active)	Demonstrate an understanding and hands-on competency in sterile tissue culture techniques.	Quizzes, hands-on skills test and lab practicum.
		Demonstrate good observational skills, ability to follow complex protocols without mistakes, ability to use laboratory math quickly and accurately, interpret experimental results accurately, troubleshoot experimental mistakes and maintain detailed and accurate laboratory manuals.	Quizzes on lab math problems, lab notebooks, results and analysis of experiments.
		Demonstrate an understanding and ability to use standard equipment, materials and techniques employed in research, clinical and industry laboratories based in biotechnology and molecular biology.	Lab practicum and hands-on skills tests.

BIOL	Medical Technology Associate in Arts Degree		
BUS	Business Administration Associate in Arts Degree (Active)	Identify basic computer concepts, terms and functions.	Assessed by department standard.
		Use a working vocabulary of business terminology.	Assessed by department standard.
		Analyze a routine business request and respond with a written letter that illustrates good business writing skills.	Assessed by department standard.
		Classify, record, and summarize financial transactions in journals and ledgers, manually and/or with computerized accounting software.	Assessed by department standard.
BUS	Business Administration Associate in Science Degree for Transfer (Active)	Use a working vocabulary of business terminology	Common questions or problems assessed against a department
		Classify, record, and summarize financial transactions in journals and ledgers, manually and/or with computerized accounting software.	Common questions or problems assessed against a department standard
		Identify basic computer concepts, terms and functions	Common questions or problems assessed against a department
		Analyze a routine business request and respond with a written letter that illustrates good business writing skills.	Essay/writing assignment assessed against a department standard
BUS	Business Data Analytics Certificate (N 2020) (Active)	Know the processes and algorithms over raw data for consumption.	Assessed by exam, project or other department standard.
		Assemble information from sources and interpret patterns and trends.	Assessed by exam, project or other department standard.
		Generate report based on the interpretation of the analysis.	Assessed by exam, project or other
BUS	Business Management Associate in Science Degree (R 2021) (Active)	Identify basic computer concepts, terms and functions.	Common questions or problems assessed against a department
		Use a working vocabulary of business terminology.	Common questions or problems assessed against a department

		Classify, record, and summarize financial transactions in journals and ledgers, manually and/or with computerized accounting software.	Common questions or problems assessed against a department standard
		Analyze a routine business request and respond with a written letter that illustrates good business writing skills.	Essay/writing assignment assessed against a department standard
BUS	Business Management Certificate (R 2021) (Active)	Identify basic computer concepts, terms and functions	Common questions or problems assessed against a department
		Analyze a routine business request and respond with a written letter that illustrates good business writing skills.	Essay/writing assignment assessed against a department standard
		Use a working vocabulary of business terminology.	Common questions or problems assessed against a department
		Identify the various marketing functions (product development, pricing, promotion, and distribution) and how organizations utilize these to produce goods and services that satisfy the needs and wants of the consumer	Common questions or problems assessed against a department standard
BUS	Business Networking and Sales Certificate (Active)	Simulate selling and persuasion skills.	Assessed by a department standard.
BUS	Business Skills Certificate (R 2021) (Active)	Analyze a routine business request and respond with the best method that illustrates good business communication skills.	Common questions or problems assessed against a department
		Use a working vocabulary of business terminology.	Common questions or problems assessed against a department
BUS	Digital Marketing Certificate (N 2020) (Active)	Utilize a working vocabulary of digital marketing terminology.	Common questions or problems assessed against a department
		Create a basic digital marketing plan for a small business.	Essay/writing assignment assessed against a department standard.
BUS	Entrepreneurship Associate in Science Degree (FY	Utilize a working vocabulary of business terminology	Common questions or problems assessed against a department

	2020) (Active)	Define, identify and/or apply the principles of viability of businesses, new business proposals, and/or find opportunities within new/existing businesses.	Essay/writing assignment assessed against a department standard
		Define, identify and/or apply the principles of entrepreneurial management and growth through strategic plans, consulting projects and/or implementing their own businesses.	Essay/writing assignment assessed against a department standard
BUS	Entrepreneurship Certificate (R 2021) (Active)	Utilize a working vocabulary of business terminology.	Common questions or problems assessed against a department
		Analyze a routine business request and respond with a written letter that illustrates good business writing skills.	Essay/writing assignment assessed against a department standard
		Create a basic business plan for a small business.	Essay/writing assignment assessed against a department standard
BUS	Finance Skills Certificate (N 2021) (Active)	Apply financial principles and techniques for valuation and wealth maximization, financial risk assessment, investment analysis, and management decision making.	Assessed by department standard.
		Use a working vocabulary of business/finance terminology.	Assessed by department standard.
BUS	Human Resources Management Certificate (Active)	Compile human resource management techniques and evaluate and discuss the pros and cons of each with respect to various management situations.	Exam or other department standard.
		Design and evaluate an effective employee evaluation instrument.	Exam or other department standard.
		Analyze and identify training and development functions within human resources management.	Exam or other industry standard.
BUS	International Business Management Associate in Science Degree (Active)	Analyze a routine business request and respond with a written letter that illustrates good business writing skills.	Essay/writing assignment assessed against a department standard
		Use a working vocabulary of business terminology.	Common questions or problems assessed against a department

		Analyze a country with consideration of political economy and culture, and evaluate its strengths and weaknesses for the global marketplace.	Essay/writing assignment assessed against a department standard
BUS	International Business Management Certificate (Active)	Analyze a country from aspects of political economy and culture and evaluate its strengths and weaknesses for the global marketplace.	Essay/writing assignment assessed against a department standard
		Analyze a routine business request and respond with a written letter that illustrates good business writing skills	Essay/writing assignment assessed against a department standard
		Use a working vocabulary of business terminology.	Common questions or problems assessed against a department
BUS	International Business Skills Certificate (Active)	Analyze a routine business request and respond with a written letter that illustrates good business writing skills.	Essay/writing assignment assessed against a department standard.
		Utilize a working vocabulary of business terminology.	Common questions or problems assessed against a department
		Analyze a country from aspects of political economy and culture and evaluate its strengths and weaknesses for the global marketplace.	Essay/writing assignment assessed against a department standard.
BUS	Marketing Management Associate in Science Degree (R 2021) (Active)	Identify the various marketing functions (product development, pricing, promotion, and distribution) and how organizations utilize these to produce goods and services that satisfy the needs and wants of the consumer.	Common questions or problems assessed against a department standard
		Utilize a working vocabulary of business terminology.	Common questions or problems assessed against a department
BUS	Marketing Management Certificate (R 2021) (Active)	Utilize a working vocabulary of business terminology.	Common questions or problems assessed against a department
		Identify the various marketing functions (product development, pricing, promotion, and distribution) and how organizations utilize these to produce goods and services that satisfy the needs and wants of the consumer.	Common questions or problems assessed against a department standard

BUS	Marketing Management Skills Certificate (Active)	Utilize a working vocabulary of business terminology.	Assessed by a department approved
		Identify the various marketing functions (product development, pricing, promotion, and distribution) and how organizations utilize these to produce goods and services that satisfy the needs and wants of the consumer.	Assessed by a department approved method.
BUS	Mobile Applications Entrepreneur Certificate (Active)	Demonstrate effective communication solutions to business problems using appropriate language and tools and demonstrating understanding of business terms and concepts.	Exam or other department standard
		Analyze and recommend effective business decisions/solutions using a systematic, evaluative, and information-based approach.	Exam or other department standard
		Develop, design and deploy mobile apps for gaming, business, productivity, personal use, and education.	Exam or other department standard
BUS	Retail Management Certificate (Active)	Identify basic computer concepts, terms, and functions.	Standardized tests.
		Analyze a routine business request and respond with a written letter that illustrates good business writing skills.	Standardized writing assignment.
		Use a working vocabulary of business terminology.	Standardized tests.
		Classify, record and summarize financial transactions in journals and ledgers, manually and/or with computerized accounting software.	Standardized tests.
BUS	The Business of Art Certificate (N 2020) (Active)	Use a working vocabulary of small business terminology	Exam or other department standard.
		Develop skills in marketing, self-promotion, and business planning.	Exam, faculty review or other department standard.
		Analyze ways to create a livelihood in a chosen arts discipline by identifying a unique, self-directed, non-traditional, and entrepreneurial pathway.	Business plan assignment, faculty review or other department standard.

CDES	Child Development and Educational Studies Associate in Arts Degree (R 2020) (Active)	Analyze and apply human development theory to observation and practice.	Written assignments that ask for the description and evaluation of observation and data collection tools
		Analyze and think critically about the teacher's comprehensive role in early learning and development settings.	A variety of objective formats and/or essay exam question(s) focusing on the complexity of roles of the early
		Assess and challenge issues of bias that children, individuals and families experience.	Generating a comprehensive portfolio of the student's journey becoming an anti-bias educator that includes academic journals and
		Know and understand the established as well as recent theories of child development	A variety of essay and/or objective exam questions focusing on
		Design quality early childhood programs and curriculum.	Multiple choice and essay exams; in-class exercises, activities, lab activities, projects and papers, presentations that analyze and interpret observational data and
		Recognize and evaluate the interrelationships of the child, family, school and greater community.	Multiple choice and essay exams; in-class exercises, activities, projects and papers, or presentations that analyze and evaluate the
CDES	Child and Adolescent Development Associate in Arts Degree for Transfer (Active)	Differentiate the major perspectives of psychology, including the areas of biological, behavioral, cognitive, psychodynamic and humanistic psychology.	This program-level student learning outcome will be assessed at the course level, in PSY 101 F.
		Demonstrate reasonable knowledge regarding descriptive statistics and will be able to calculate the mean, mode, median, range and standard deviation.	This program-level student learning outcome will be assessed at the course level, in SOSOC 120 F,
		Differentiate development in various domains of child development: physical, psychosocial, and cognitive, including typical and atypical development, and integrate knowledge of the domains into comprehensive understanding of child development.	This program-level student learning outcome will be assessed at the course level, in CDES 120 F.

CDES	Early Childhood Education Administration Certificate (Active)	Upon successful completion of courses leading to the CDES Early Childhood Education Administration Certificate the student will be able to know and understand the established as well as recent theories of child development.	A variety of essay and/or objective exam questions focusing on theoretical frameworks.
		Upon successful completion of courses leading to the CDES Early Childhood Education Administration Certificate the student will be able to recognize and challenge issues of bias that children, individuals and families experience.	Generating a comprehensive portfolio of the student?s journey becoming an anti-bias educator that includes academic journals and
		Upon successful completion of courses leading to the CDES Early Childhood Education Administration Certificate the student will be able to analyze and think critically about the teacher?s comprehensive role in early learning and development settings.	A variety of objective formats and/or essay exam question(s) focusing on the complexity of roles of the early childhood educator.
		Upon successful completion of courses leading to the CDES Early Childhood Education Administration Certificate the student will be able to recognize and evaluate the interrelationships of the child, family, school and greater community.	Multiple choice and essay exams; in-class exercises, activities, lab activities, projects and papers or presentations that analyze and evaluate the interrelationships of the
		Upon successful completion of courses leading to the CDES Early Childhood Education Administration Certificate the student will be able to apply human development theory to observation and practice.	Written assignments which ask for the description and evaluation of observation and data collection tools along with real-life observational
		Upon successful completion of courses leading to the CDES Early Childhood Education Administration Certificate the student will be able to design quality early childhood programs and curriculum.	Multiple choice and essay exams; in-class exercises, activities, lab activities, projects and papers, presentations that analyze and interpret observational data and
CDES	Early Childhood Education Associate in Arts Degree (R 2020) (Active)	Analyze and challenge issues of bias that children, individuals and families experience.	Generating a comprehensive portfolio of the student?s journey becoming an anti-bias educator that includes academic journals and

		Design quality early childhood programs and curriculum.	Multiple choice and essay exams; in-class exercises, activities, lab activities, projects and papers, presentations that analyze and interpret observational data and
		Analyze and think critically about the teacher's comprehensive role in early learning and development settings.	A variety of objective formats and/or essay exam question(s) focusing on the complexity of roles of the early
		Know and understand the established as well as recent theories of child development.	A variety of essay and/or objective exam questions focusing on
CDES	Early Childhood Education Associate in Science Degree for Transfer (Active)	Upon successful completion of courses leading to the Early Childhood Education Associate in Science Degree for Transfer the student will be able to know and understand the established as well as recent theories of child development.	A variety of essay and/or objective exam questions focusing on theoretical frameworks.
		Upon successful completion of the Early Childhood Education Associate in Science Degree for Transfer the student will be able to analyze and think critically about the teacher's comprehensive role in early learning and development settings.	A variety of objective formats and/or essay exam question(s) focusing on the complexity of roles of the early childhood educator.
		Upon successful completion of courses leading to the Early Childhood Education Associate in Science Degree for Transfer the student will be able to recognize and challenge issues of bias that children, individuals and families experience.	Generating a comprehensive portfolio of the student's journey becoming an anti-bias educator that includes academic journals and evidence of further research from
		Upon successful completion of courses leading to the Early Childhood Education Associate in Science Degree for Transfer the student will be able to recognize and evaluate the interrelationships of the child, family, school and greater community.	Multiple choice and essay exams; in-class exercises, activities, lab activities, projects and papers or presentations that analyze and evaluate the interrelationships of the
		Upon successful completion of courses leading to the Early Childhood Education Associate in Science Degree for Transfer the student will be able to design quality early childhood programs and curriculum.	Multiple choice and essay exams; in-class exercises, activities, lab activities, projects and papers, presentations that analyze and interpret observational data and

		Upon successful completion of courses leading to the Early Childhood Education Associate in Science Degree for Transfer the student will be able to apply human development theory to observation and practice.	Written assignments which ask for the description and evaluation of observation and data collection tools along with real-life observational
CDES	Early Childhood Education Teacher Certificate (Active)	Upon successful completion of courses leading to the Early Childhood Education Teacher Certificate, the student will be able to recognize and challenge issues of bias that children, individuals and families experience.	Generating a comprehensive portfolio of the student's journey becoming an anti-bias educator that includes academic journals and
		Upon successful completion of courses leading to the Early Childhood Education Teacher Certificate, the student will be able to know and understand the established as well as recent theories of child development.	A variety of essay and/or objective exam questions focusing on theoretical frameworks.
		Upon successful completion of courses leading to the Early Childhood Education Teacher Certificate, the student will be able to recognize and evaluate the interrelationships of the child, family, school and greater community.	Multiple choice and essay exams; in-class exercises, activities, lab activities, projects and papers or presentations that analyze and
		Upon successful completion of courses leading to the Early Childhood Education Teacher Certificate, the student will be able to analyze and think critically about the teacher's comprehensive role in early learning and development settings.	A variety of objective formats and/or essay exam question(s) focusing on the complexity of roles of the early childhood educator.
		Upon successful completion of courses leading to the Early Childhood Education Teacher Certificate, the student will be able to design quality early childhood programs and curriculum.	Multiple choice and essay exams; in-class exercises, activities, lab activities, projects and papers, presentations that analyze and interpret observational data and
CDES	Infant and Toddler Teacher Certificate (Active)	Analyze and apply human development theory to observation and practice.	Written assignments which ask for the description and evaluation of observation and data collection tools
		Analyze and think critically about the teacher's comprehensive role in infant and toddler learning and development settings.	A variety of objective formats and/or essay exam question(s) focusing on the complexity of roles of the early

		Know and understand the established as well as recent theories of child development.	A variety of essay and/or objective exam questions focusing on
		Assess and challenge issues of bias that children, individuals and families experience.	Generating a comprehensive portfolio of the student's journey becoming an anti-bias educator that includes academic journals and
CDES	Special Education Certificate (Active)	Know and understand the established as well as recent theories of child development.	A variety of essay and/or objective exam questions focusing on
		Analyze and think critically about the teacher's comprehensive role in early learning and development settings.	Multiple choice and essay exams; in-class exercises, activities, lab activities, projects and papers or presentations that analyze and
		Evaluate the interrelationships of the child, family, school and greater community.	Multiple choice and essay exams; in-class exercises, activities, lab activities, projects and papers or presentations that analyze and
		Design quality early childhood programs and curriculum.	Multiple choice and essay exams; in-class exercises, activities, lab activities, projects and papers, presentations that analyze and interpret observational data and
CHEM	Chemistry Associate in Arts Degree (FY 2017) (Active)	Demonstrate the use of proper procedures and regulations for safe handling and use of chemicals.	Common questions or problems. Participation points in laboratory section for safety and proper
		Demonstrate the ability to conduct experiments, analyze data, and interpret results, while observing responsible and ethical scientific conduct.	Laboratory skills assessed against a course standard and/or rubric common to all faculty for laboratory
		Demonstrate knowledge of inorganic chemistry appropriate for general chemistry and have the ability to articulate this chemical knowledge in verbal, written, and/or computational form.	Common questions or problems. Pre- and post-testing in sections and/or American Chemical Society (ACS) National Standardized

CHEM	Chemistry Associate in Science Degree (Active)	Demonstrate the ability to conduct experiments, analyze data, and interpret results, while observing responsible and ethical scientific conduct.	Laboratory skills assessed against a course standard and/or rubric common to all faculty for laboratory
		Demonstrate knowledge of inorganic and organic chemistry and have the ability to articulate this chemical knowledge in verbal, written, and/or computational form.	Common questions or problems. Pre- and post-testing in sections and/or American Chemical Society (ACS) National Standardized
		Demonstrate the use of proper procedures and regulations for safe handling and use of chemicals.	Common questions or problems. Participation points in laboratory section for safety and proper
CHEM	Chemistry Associate in Science Degree for Transfer (Active)	Demonstrate the ability to conduct experiments, analyze data, and interpret results, while observing responsible and ethical scientific conduct.	Laboratory skills assessed against a course standard and/or rubric common to all faculty for laboratory
		Demonstrate knowledge of inorganic and organic chemistry and have the ability to articulate this chemical knowledge in verbal, written, and/or computational form.	Common questions or problems. Pre- and post-testing in sections and/or American Chemical Society (ACS) National Standardized
		Demonstrate the use of proper procedures and regulations for safe handling and use of chemicals.	Common questions or problems. Participation points in laboratory section for safety and proper
CIS	Computer Information Systems Associate in Science Degree (FY 2020) (Active)	Demonstrate proficiency in one or more common Business Software programs.	Course-Level SLOs Used to Assess PSLOs: CIS 100 SLO1 CIS 111
		Demonstrate knowledge of common Internet related technologies and software.	Course Level SLOs used to assess PSLOs: CIS 152 SLO1, CIS 111
		Demonstrate an understanding of common computer technology related terms.	Course level SLOs used to assess PSLOs: CIS 111 SLO1
		Demonstrate the ability to be effective communicators using common Business communication tools.	Course Level SLOs used to assess PSLOs: CIS 100 SLO3, BUS 111
CIS	Computer Information Systems Certificate (FY	Demonstrate the ability to be effective communicators using common Business communication tools.	Course level SLOs used to assess PSLOs: CIS 100 SLO3, BUS 111

	2018) (Active)	Demonstrate an understanding of common computer technology related terms.	Course level SLOs used to assess PSLOs: CIS 111 SLO1
		Demonstrate knowledge of common Internet related technologies and software.	Course level SLOs used to assess PSLOs: CIS 152 SLO1, CIS 111
		Demonstrate proficiency in one or more common Business Software programs.	Course level SLOs used to assess PSLOs: CIS 100 SLO1, CIS 111
CIS	Computer Technician Analyst Certificate (Active)	Identify, install, and troubleshoot computer and network hardware components.	Common questions or problems assessed against a department
		Use a working vocabulary of networking and operating systems terminology.	Common questions or problems assessed against a department
		Explain basic troubleshooting processes and procedures from initial diagnosis to final documentation and reporting.	Common questions or problems assessed against a department
CIS	Computer Technician Apprentice Skills Certificate (Active)	Operate, install, manage, and troubleshoot major server operating systems.	Common questions or problems assessed against a department
		Use a working vocabulary of networking and operating systems terminology.	Common questions or problems assessed against a department
		Evaluate the computer network needs of an organization.	Common questions or problems assessed against a department
CIS	Cyber Security Analyst Certificate (Active)	Formulate, update and communicate short- and long-term organizational cybersecurity strategies and policies.	Common questions or problems assessed against a department
		Measure the performance of security systems within an enterprise level information system.	Common questions or problems assessed against a department
		Use a working vocabulary of cyber-security terminology.	Common questions or problems assessed against a department
CIS	Cyber Security Associate in Science Degree (N 2021) (Active)	Assess cyber-security risk management policies in order to adequately protect an organization's critical information and assets.	Assessment by an approved department standard.
		Use a working vocabulary of cyber-security terminology.	Assessment by an approved

		Assess and implement continuous network monitoring and provide real-time security solutions.	Assessment by an approved department standard.
CIS	Cyber Security Master Certificate (Active)	Assess cyber-security risk management policies in order to adequately protect an organization's critical information and assets.	Common questions or problems assessed against a department standard.
		Assess and implement continuous network monitoring and provide real-time security solutions.	Common questions or problems assessed against a department
		Use a working vocabulary of cyber-security terminology.	Common questions or problems assessed against a department
CIS	Cyber Security Technician Certificate (Active)	Evaluate the computer network and information security needs of an organization.	Common questions or problems assessed against a department
		Use a working vocabulary of cyber-security terminology.	Common questions or problems assessed against a department
		Assess, troubleshoot, maintain and update an enterprise level information security system.	Common questions or problems assessed against a department
CIS	Networking Certificate (Active)	Demonstrate the ability to be effective communicators using common Business communication tools.	Course level SLOs used to assess PSLOs: CIS 100 SLO3, BUS 111
		Demonstrate knowledge of common Internet related technologies and software.	Course level SLOs used to assess PSLOs: CIS 152 SLO1, CIS 111
		Demonstrate an understanding of common computer technology related terms.	:Course level SLOs used to assess PSLOs: CIS 111 SLO1
		Demonstrate proficiency in one or more common Business Software programs.	Course level SLOs used to assess PSLOs: CIS 100 SLO1, CIS 111
CIS	Networking Skills		
CIS	Office Applications Apprentice Certificate (Active)	Demonstrate knowledge of common Internet related technologies and software.	Course level SLOs used to assess PSLOs: CIS 152 SLO1, CIS 111
		Demonstrate an understanding of common computer technology related terms.	Course level SLOs used to assess PSLOs: CIS 111 SLO1

		Demonstrate proficiency in one or more common Business Software programs.	Course level SLOs used to assess PSLOs: CIS 100 SLO1, CIS 111
		Demonstrate the ability to be effective communicators using common Business communication tools.	Course level SLOs used to assess PSLOs: CIS 100 SLO3, BUS 111
CIS	Office Applications Technician Certificate (Active)	Demonstrate knowledge of common Internet related technologies and software.	Common questions or problems assessed against a department
		Demonstrate an understanding of common computer technology related terms.	Common questions or problems assessed against a department
		Demonstrate proficiency in one or more common Business Software programs.	Common questions or problems assessed against a department
		Demonstrate the ability to be effective communicators using common Business communication tools.	Common questions or problems assessed against a department
CIS	Programming Certificate (Active)	Demonstrate proficiency in one or more common business software programs.	Course level SLOs used to assess PSLOs: CIS 100 SLO1, CIS 111
		Demonstrate an understanding of common computer technology related terms.	Course level SLOs used to assess PSLOs: CIS 111 SLO1
		Demonstrate knowledge of common Internet related technologies and software.	Course level SLOs used to assess PSLOs: CIS 152 SLO1, CIS 111
		Demonstrate the ability to be effective communicators using common business communication tools.	Course level SLOs used to assess PSLOs: CIS 100 SLO3, BUS 111
CIS	Programming Skills		
CIS	Web Design Certificate (R 2021) (Active)	Demonstrate an understanding of common computer technology related terms.	Course level SLOs used to assess PSLOs.
		Demonstrate proficiency in one or more common Business Software programs.	Course level SLOs used to assess PSLOs.
		Demonstrate knowledge of common Internet related technologies and software.	Course level SLOs used to assess PSLOs.

CIS	Web Design Skills Certificate (R 2021) (Active)	Demonstrate proficiency in one or more common Business/Web Design Software programs.	Department standard and/or web design projects.
		Demonstrate ability to create a website using Business/Web Design Software programs.	Department standard and/or web design projects.
		Demonstrate an understanding of common web design and computer technology related terms.	Department standard and/or exams.
CISG	Computer Game Design Certificate (Active)	Plan and implement game mechanics in a script-based game prototyping language.	Writing assignment, project, demonstration, presentation,
		Create an effective game analysis document.	Writing assignment, project, demonstration, presentation,
		Create a basic game design document.	Writing assignment, project, demonstration, presentation,
CISG	Computer Game Programming Skills Certificate (Active)	Create a basic game that manipulates and manages game resources such as graphics, sound, and video.	Writing assignment, project, demonstration, presentation,
		Plan the major programming components of a typical computer game.	Writing assignment, project, demonstration, presentation,
		Create a basic game that implements a defined set of game mechanics.	Writing assignment, project, demonstration, presentation,
COMM	Communication Studies Associate in Arts Degree for Transfer (FY 2020) (Active)	Analyze, construct, and deliver speeches on contemporary socio-political issues.	Speech or presentation against a department standard. Essay/writing assignment assessed against a
		Criticize and evaluate a variety of public discourse.	Speech or presentation against a department standard. Essay/writing assignment assessed against a
COSM	Cosmetology Associate in Science Degree (Active)	Create, organize, and produce a professional job resume.	Instructor will evaluate the accuracy of information, and organization of
		Evaluate the difference between the articles listed in the State Board of Barbering and Cosmetology Rules and Regulations and Cosmetology Acts.	Instructor will evaluate the student's knowledge of the articles in the State Board of Barbering and

COSM	Cosmetology Certificate (Active)	Identify and compare the differences in Semi-Permanent, and Permanent hair color products.	Instructor will evaluate the accuracy in the proper use of the product and knowledge of safety in the
		Perform a press and curl practicing safety and sanitation procedures according to the Board of Barbering and Cosmetology.	The instructor will evaluate the student's application of a press and curl using safety and sanitation
COSM	Cosmetology Instructor Associate in Science Degree (FY 2017) (Active)	Demonstrate the ability to develop effective lesson plans, deliver instruction, and evaluate students in a community college instructional program in cosmetology or esthetics.	Skills demonstration or performance assessed against a department standard.
		Demonstrate Pivot Point instructional methodologies, in a community college classroom environment, that prepare students for licensure as estheticians or cosmetologists.	Skills demonstration or performance assessed against a department standard.
COSM	Cosmetology Instructor Associate in Science Degree (FY 2018) (Active)	Demonstrate Pivot Point instructional methodologies that prepare students for licensure as cosmetologists, estheticians, or barbers.	Demonstration of Pivot Point instructional methodologies skills assessed using department standard
		Demonstrate the ability to develop effective lesson plans, deliver instruction, and evaluate students in a community college vocational program in cosmetology, esthetics, or barbering.	Lecture and presentation skills assessed using department standard rubric.
COSM	Esthetician Certificate (Active)	Practice safety and sanitation, become knowledgeable of plain facials, chemical facials and electrical facials and demonstrate product knowledge.	Instructor will observe students performance and assess students progress by the use of a state written exam; students will practice a simulated mock board exam based
		Perform client consultations, identify the basic layers of the skin and basic skin diseases and disorders and become familiar with the morphology of the hair.	Instructor will observe students performance and assess students progress by the use of a state written exam; students will practice a simulated mock board exam based

COUN	California State University General Education (CSU GE Breadth) Certificate of Achievement (R 2019) (Active)	Area C: Arts and Humanities. Demonstrate a critical understanding, appreciation and expression of artistic, philosophical, and cultural sensibilities in historical and contemporary contexts.	Exam questions, writing assignment, project, demonstration, presentation, portfolio, or other course-specific method.
		Area E: Lifelong Learning and Self-Development. Demonstrate meaningful self-evaluation related to increasing the student's lifelong personal well-being.	Exam questions, writing assignment, project, demonstration, presentation, portfolio, or other
		Area A: English Language Communication and Critical Thinking. Create written and spoken works that demonstrate effective communication and critical thinking skills.	Exam questions, writing assignment, project, demonstration, presentation, portfolio, or other
		Area D: Social Sciences. Identify, analyze, and communicate an understanding of self and society through systematic investigation of social behavior, institutions, and culture.	Exam questions, writing assignment, project, demonstration, presentation, portfolio, or other
		Area B: Scientific Inquiry and Quantitative Reasoning. Analyze and apply mathematical concepts and scientific methods to interpret and to evaluate data in order to effectively problem-solve issues in a variety of contexts.	Exam questions, writing assignment, project, demonstration, presentation, portfolio, or other course-specific method.
COUN	Intersegmental General Education Transfer Curriculum (IGETC) Certificate of Achievement (R 2020) (Active)	Area 3: Arts and Humanities. Demonstrate a critical understanding, appreciation and expression of artistic, philosophical, and cultural sensibilities in historical and contemporary contexts.	Exam questions, writing assignment, project, demonstration, presentation, portfolio, or other course-specific method.
		Area 2: Mathematical Concepts and Quantitative Reasoning. Analyze and solve theoretical and applied mathematical problems using the logic and symbol system of mathematics.	Exam questions, writing assignment, project, demonstration, presentation, portfolio, or other course-specific method.
		Area 1: English Communication. Create written and spoken works that demonstrate effective communication and critical thinking skills.	Exam questions, writing assignment, project, demonstration, presentation, portfolio, or other
		Area 4: Social and Behavioral Sciences. Identify, analyze, and communicate an understanding of self and society through systematic investigation of social behavior, institutions, and culture.	Exam questions, writing assignment, project, demonstration, presentation, portfolio, or other course-specific method.

		Area 5: Physical and Biological Sciences. Examine and evaluate issues related to the physical and biological sciences from an evidence-based perspective and use in applied contexts.	Exam questions, writing assignment, project, demonstration, presentation, portfolio, or other course-specific method.
CRTV	Communications: General Associate in Arts Degree (Active)	Compose written copy for radio, TV, film or the Internet.	Through evaluation of written example assessed at the course level.
		Demonstrate the ability to effectively direct and/or produce a video production while working in a group.	Through evaluation of production assessed at the course level.
		Operate audio recording equipment used in radio, internet radio and television.	Through evaluation of production assessed at the course level.
CRTV	Film, Television, and Electronic Media Associate in Science Degree for Transfer (Active)	Operate audio recording equipment used in radio, internet radio and television.	Through evaluation of production assessed at the course level.
		Compose written copy for radio, TV, film or the Internet.	Through evaluation of written example assessed at the course level.
		Demonstrate the ability to effectively direct and/or produce a video production while working in a group.	Through evaluation of production assessed at the course level.
CRTV	Radio Broadcast News Associate in Arts (Active)	Compose an employment package for entry-level employment in the radio Broadcast News or Traffic Reporting industry, broadcast entity or audio production company and may continue their studies at a four year university.	The Radio Advisory Committee will review the requirements for the degree annually and certify the curriculum as appropriate training for entry level employment in the broadcasting trade. Final exams, lab reports, midterms, observations and individual course SLOA?S will be
CRTV	Radio Broadcast News Certificate (Active)	Compose an employment package for entry-level employment in the radio broadcast news industry as a radio news reporter, traffic reporter and radio news producer.	The Radio Advisory Committee validated the courses in the Radio Broadcast News certificate and PSLO. The Radio Advisory Committee recommends we

CRTV	Radio Broadcasting Associate in Arts Degree	Compose an employment package.	Digital audio track, resume and
		Compose a professional demo as part of a broadcast entity.	Edited digital audio file suitable for
CRTV	Radio Broadcasting Certificate (Active)	Compose an employment package for entry-level employment in the radio industry or audio production company, or complete General Education requirements and transfer to a four year university to continue their studies.	The Radio Advisory Committee validated the PSLO. The Committee advised that the College offer a full schedule of the courses needed to
CRTV	Radio Production Associate in Arts Degree (Active)	Compose an employment package for entry-level employment in the radio industry, production house, agency, studio or audio production company.	Production of an employment package. The Radio Advisory Committee will review the requirements for the degree annually and certify the curriculum as appropriate training for entry level employment in the broadcasting trade. Final exams, lab reports, midterms, observations and
CRTV	Radio and Television/Video Production Certificate (Active)	Produce radio, internet radio and television recordings using digital audio software	Final Exam Questions, Project
		Compose written copy for radio, TV, film and the Internet.	Final Exam Questions, Project
		Identify key factors pertaining to the business operations of the radio, television and film industries.	Final Exam Questions, Project
		Calculate proper f-stop settings when given a written example.	Final Exam Questions, Project
CRTV	Sports Broadcasting Certificate (Active)	Compose an employment package for entry-level employment in the sports radio industry as a sports reporter, sports producer and sports announcer.	The Radio Advisory Committee validated the courses in the Sports Broadcasting Certificate and the PSLO. The assessment would be in

CRTV	Television and Film Associate in Arts Degree (Active)	Distinguish how volume of light, distance, color spill, and mixed color temperature can compromise the accurate appearance of color.	Through written examination assessed at the course level.
		Demonstrate the ability to effectively direct and/or produce a video production while working in a team.	Through evaluation of live or edited production at the course level.
		Compose written copy for radio, TV, film or the Internet.	Through written examination
CRTV	Television and Film Production Certificate (Active)	Identify key factors pertaining to the business operations of the television and film industries.	Exam
		Compose written copy for television or film using proper industry format.	Written Example
		Produce a television/video production from concept to completion using industry standard equipment.	Production
CSCI	Computer Science Associate in Science Degree (R 2021) (Active)	Design and implement Abstract Data Types using object-oriented techniques.	Exam questions and programming projects
		Write computer programs to solve problems.	Exam questions and programming
CSTR	Construction Estimating Skills Certificate (Active)	Use plans, specifications, and contracts in estimating exercises.	Tests, quizzes, class assignments, and/or projects assessed against a
		Calculate an estimated cost from pricing and quantity information.	Tests, quizzes, class assignments, and/or projects assessed against a
CSTR	Construction Inspection Associate in Science Degree (Active)	Demonstrate an ability to interpret California building codes as they relate to building construction.	Tests, quizzes, class assignments, and/or projects assessed against a
		Develop the ability and understanding to assess new and existing residential, commercial and industrial structures by utilizing jurisdiction approved drawings.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
CSTR	Construction Inspection Certificate (FY 2019) (Active)	Identify a typical set of residential or light commercial construction plans and analyze, interpret, extract and define basic structural and finish components and/or systems necessary for project construction.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.

		Select a specific code application.	Tests, quizzes, class assignments, and/or projects assessed against a
		Identify building occupancies.	Tests, quizzes, class assignments, and/or projects assessed against a
CSTR	Construction Management Associate in Science Degree (Active)	Interpret architectural and construction drawings and documents, demonstrating knowledge of various building materials and methods and related building technologies.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
		Demonstrate leadership in creating and maintaining a safe working environment.	Tests, quizzes, class assignments, and/or projects assessed against a
		Investigate and resolve problems in construction planning, scheduling and management.	Tests, quizzes, class assignments, and/or projects assessed against a
		Describe the features and characteristics of the building products used in the trade, from framing materials, sheathing and roof covering to interior/exterior finish.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
CSTR	Construction Technology Associate in Science Degree (FY 2019) (Active)	Name the three qualities of a building.	Tests, quizzes, class assignments, and/or projects assessed against a
		Review a typical set of residential or light commercial construction plans and analyze, interpret, extract and define basic structural and finish components and/or systems necessary for project construction.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
		Locate, identify, and correctly apply building code constraints to a specific design or construction problem.	Tests, quizzes, class assignments, and/or projects assessed against a
		Differentiate between a builder's level and a transit.	Tests, quizzes, class assignments, and/or projects assessed against a
CSTR	Construction Technology Certificate (Active)	Locate, identify, and correctly apply building code constraints to a specific design or construction problem.	Tests, quizzes, class assignments, and/or projects assessed against a
		Estimate costs of overall projects layouts.	Tests, quizzes, class assignments, and/or projects assessed against a
		Use and operate construction tools safely and efficiently.	Tests, quizzes, class assignments, and/or projects assessed against a

		Apply math calculations, formulas, and measurement techniques required in the carpentry trade.	Tests, quizzes, class assignments, and/or projects assessed against a
		Interpret plans to facilitate project layouts.	Tests, quizzes, class assignments, and/or projects assessed against a
DANC	Dance Associate in Arts Degree (Active)	Demonstrate acquired knowledge of dance techniques enabling them to perform various styles of dance.	Students will perform various styles of dance in a formal or informal
		Assess and criticize dance from a historical and stylistic perspective.	Students will assess and criticize dance from a historical and stylistic perspective in research papers and
		Demonstrate a foundational knowledge of ballet, modern and jazz techniques from beginning to intermediate level.	Students will demonstrate intermediate ballet and modern technique in a practical test in the
DANC	Dance Teaching Certificate (Active)	Create choreographed beginning dance sequences in in the style of ballet, modern and jazz dance.	The student will be tested in various class and demonstrate the ability to create choreographed dance sequences and demonstrate the
		Demonstrate the ability to teach creative movement in the style of ballet, modern, jazz as well as ethnic dance forms.	The student will be tested in various classes and demonstrate the ability to execute/perform the correct
		Demonstrate acquired dance training and practical skills to qualify for work in community centers, private dance studios, and other venues.	The student will be tested in various classes and demonstrate the ability to perform and teach beginning
DART	3-D Animation Skills Certificate ? Level II (Active)	Upon successful completion of courses leading to the 3D Animation Certificate-Level II, the student will be able to demonstrate basic use of computer graphics software and hardware, and be able to demonstrate basic competence in selected image-making techniques.	Through observation of skills demonstration assessed at the course level.
		Upon successful completion of courses leading to the 3D Animation Certificate-Level II, the student will be able to devise solutions to 3D design problems using digital media tools.	Through projects or portfolios of student work assessed at the course level.

		Upon successful completion of courses leading to the 3D Animation Certificate-Level II, the student will be able to devise solutions to 3D modeling problems using digital media tools, and be able to demonstrate basic competence in the use of computer hardware and software for 3D modeling.	Through observation of skills demonstration assessed at the course level.
DART	Computer Animation/Multi Media Certificate (Active)	Upon successful completion of the courses leading to the Computer Animation/Multimedia Certificate, the student will be able to devise solutions to visual problems using principles of form, design, and color.	Through projects or portfolios of student work assessed at the course level.
		Upon successful completion of the courses leading to the Computer Animation/Multimedia Certificate, the student will be able to create effective documents by effectively using the concepts of design, such as: color, style, typography and composition.	Through projects or portfolios of student work assessed at the course level.
		Upon successful completion of the courses leading to the Computer Animation/Multimedia Certificate, the student will be able to apply the terminology of computer graphics to communications within the field of digital media.	Through observation of skills demonstration assessed at the course level.
		Upon successful completion of the courses leading to the Computer Animation/Multimedia Certificate, the student will be able to demonstrate basic use of computer graphics software and hardware, and be able to demonstrate basic competence in selected image-making techniques.	Through observation of skills demonstration assessed at the course level.
		Upon successful completion of the courses leading to the Computer Animation/Multimedia Certificate, the student will be able to devise solutions to gain an understanding of computer technology vital to web designers.	Through projects or portfolios of student work assessed at the course level.
		Upon successful completion of the courses leading to the Computer Animation/Multimedia Certificate, the student will be able to create projects that demonstrate specialized knowledge of 2D computer animation and multi-media projects from initial design concept through project completion that clearly illustrates the student's solutions.	Through projects or portfolios of student work assessed at the course level.

DART	Computer Graphics Certificate (Active)	Upon successful completion of the courses leading to the Computer Graphics Certificate, the student will be able to demonstrate basic use of computer graphics software and hardware, and be able to demonstrate basic competence in selected image-making techniques.	Through observation of skills demonstration assessed at the course level.
		Upon successful completion of the courses leading to the Computer Graphics Certificate, the student will be able to create effective documents by effectively using the concepts of design, such as: color, style, typography and composition.	Through projects or portfolios of student work assessed at the course level.
		Upon successful completion of the courses leading to the Computer Graphics Certificate, the student will be able to create projects that demonstrate specialized knowledge of 2D computer animation and multi-media projects from initial design concept through project completion that clearly illustrates the student's solutions.	Through projects or portfolios of student work assessed at the course level.
		Upon successful completion of the courses leading to the Computer Graphics Certificate, the student will be able to apply the terminology of computer graphics to communications within the field of digital media.	Through observation of skills demonstration assessed at the course level.
DART	Digital Publication Certificate (Active)	Apply the terminology of computer graphics to communications within the field of digital media.	Through observation of skills demonstration assessed at the course
		Demonstrate basic use of computer graphics software and hardware.	Through observation of skills demonstration assessed at the course
		Create a new document incorporating text and images, using page layout software.	Through projects or portfolios of student work assessed at the course
		Evaluate digital media tools for their suitability to different areas of visual communications.	Through observation of skills demonstration assessed at the course
		Develop digital artwork that clearly illustrates the student's solutions.	Through projects or portfolios of student work assessed at the course
		Devise solutions to gain an understanding of computer technology vital to web designers.	Through projects or portfolios of student work assessed at the course

DART	Entertainment Arts Certificate (Active)	Upon successful completion of courses leading to the Entertainment Art Certificate, the student will be able to demonstrate evidence of proficiency in problem solving techniques and devise solutions for designs presented from scripted assignments while using digital software applications.	Through collection of student projects, assessed against a Department standard.
		Upon successful completion of courses leading to the Entertainment Art Certificate, the student will be able to demonstrate the ability to effectively display their step by step solutions, and finished final work in a professional portfolio presentation adhering to an industry standard.	Through visual observation by instructor in critique, assessed against an industry standard of professional work displayed upon company websites and art of
		Upon successful completion of courses leading to the Entertainment Art Certificate, the student will be able to demonstrate an expanded in-depth knowledge of traditional drawing/sketching techniques for rapid visualization and be able to translate those techniques into a digital format using various digital software applications.	Through instructor administered assignments, and classroom critiques.
DRAF	Industrial Drafting Associate in Science Degree (FY 2019) (Active)	Communicate technical ideas through modeling and creation of technical drawings that fully describe a design idea.	Assignments and Exam
		Describe information contained on blueprints including symbols and title block features.	Assignments and exam.
DRAF	Industrial Drafting ? Level I Certificate (FY 2019) (Active)	Demonstrate productive use of CAD software menus and commands for creating graphic solutions to 2D mechanical and industrial drafting problems, conforming to the latest industry standards.	Assignments and exam.
		Demonstrate proper used of a printer/plotter to produce hard copy output of drawing to scale.	Assignments and exam.
DRAF	Industrial Drafting ? Level II Certificate (R 2021) (Active)	Create template drawings incorporating the use of Paperspace with default settings and scales appropriate for industry standard drawings.	Assignments and exam.
		Define technical terms associated with 3D CAD modeling.	Assignments and exam.

ECON	Economics Associate in Arts Degree (FY 2019) (Active)	Utilize the supply/demand model to analyze and evaluate individual market outcomes.	Assessed at the course level.
		Utilize the aggregate demand/aggregate supply model to predict likely changes in the overall macro economy.	Assessed at the course level.
ECON	Economics Associate in Arts Degree for Transfer (R 2020) (Active)	Use the aggregate demand/aggregate supply model to predict likely changes in the overall macro economy.	Program-level student learning outcome will be assessed at the course level via common multiple-choice or other objective questions embedded in an exam or as a stand-alone assessment; and/or essay or
		Use the supply/demand model to analyze and evaluate individual market outcomes.	Program-level student learning outcome will be assessed at the course level via common multiple-choice or other objective questions embedded in an exam or as a stand-alone assessment; and/or essay or
ENGL	English Associate in Arts Degree (R 2020) (Active)	Explain the stylistic, formal, thematic and/or rhetorical elements of a text in order to reveal its artistic and/or historical contributions to literature.	Essay/writing assignment assessed against a department standard
		Analyze a text based on its literary, historical, social, and/or cultural significance.	Essay/writing assignment assessed against a department standard
ENGL	English Associate in Arts Degree for Transfer (R 2020) (Active)	Analyze a work of literature based on its literary, historical, social, and/or cultural significance.	Essay/writing assignment assessed against a department standard
		Explain the stylistic, formal, thematic, and/or rhetorical elements of a work of literature in order to reveal its artistic and/or historical contributions to literature.	Essay/writing assignment assessed against a department standard
ENGR	Engineering Associate in Science Degree (FY 2019)	Design and conduct experiments, as well as to analyze and interpret data.	Lab reports

	(Active)	Identify, formulate, and solve engineering problems.	Exams
		Apply knowledge of mathematics, science, and engineering.	Exams
		Use the techniques, skills, and modern engineering tools necessary for engineering practice.	Exams, Lab reports
ENVS	Environmental Sciences Associate in Science Degree (R 2021) (Active)	Analyze and explain the organization and dynamics of natural ecosystems.	Common questions or problems. Written responses to homework study questions. Classroom or online chat room spoken responses to homework study questions.
		Examine, identify and describe natural ecosystems.	Common questions or problems. Written responses to homework study questions. Classroom or online chat room spoken responses to homework study questions.
		Examine, distinguish and describe the ecological communities that compose natural ecosystems.	Common questions or problems. Written responses to homework study questions. Classroom or online chat room spoken responses to homework study questions.
ESC	Astronomy Associate in Arts Degree (Active)	Explain the motion, formation, and evolution of celestial objects in the solar system and beyond.	Exams
		Demonstrate an understanding of how the scientific method is used to explore topics in astronomy.	Exams
ESC	Earth Science Associate in Science Degree (Active)	Upon successful completions of courses leading to an Earth Sciences AS degree the student will be able to apply earth science/geology concepts to better understand current issues of environmental and/or geologic concern.	Common questions on a final exam
		Upon successful completions of courses leading to an Earth Sciences AS degree the student will be able to demonstrate concept mastery.	Common questions on a final exam

		Upon successful completions of courses leading to an Earth Sciences AS degree the student will be able to demonstrate an understanding of how the scientific method is used to explore topics in earth science and geology.	Common questions on a final exam
ETHS	Africana Studies Associate in Arts Degree (R 2021) (Active)	Identify the cultural, political and socioeconomic heterogeneity that exists within and between Africana communities.	Assessed at the course level in ETHS 129 F, 130 F, and 131 F.
		Summarize the key terminology, theoretical orientations, principles and methods used in the field of Africana Studies.	Assessed at the course level in ETHS 129 F.
		Identify and explain historical trends and common themes in African American history from pre-colonial Africa to the present.	Assessed at the course level in ETHS 130 F and 131 F.
ETHS	American Indian and Indigenous Studies Associate in Arts Degree (N 2021) (Active)	Identify and explain historical trends and common themes in American Indian & Indigenous history.	Assessed at the course level in ETHS 101 and 160.
		Summarize the key terminology, theoretical orientations, principles and methods used in the field of American Indian & Indigenous Studies.	Assessed at the course level in ETHS 101 and 159.
		Construct a coherent and well-informed viewpoint about contemporary issues affecting Indigenous peoples in North America.	Assessed at the course level in ETHS 111 and ETHS 159.
ETHS	Asian/Pacific Islander American Studies Associate in Arts Degree (N 2021) (Active)	Summarize the key terminology, theoretical orientations, principles and methods used in the field of Asian/Pacific Islander American Studies.	Assessed at the course level in ETHS 101 F and 170 F.
		Identify and explain historical trends and common themes in Asian/Pacific Islander American history.	Assessed at the course level in ETHS 101 F and 171 F.
		Identify the cultural, political and socioeconomic heterogeneity that exists within and between Asian American and Pacific Islander communities.	Assessed at the course level in ETHS 111 F and ETHS 170 F.
ETHS	Chicanx and Latinx Studies Associate in Arts	Identify and explain historical trends and common themes in Chicanx history.	Assessed at the course level in ETHS 101 F, 151 F and 152 F.

	Degree (R 2021) (Active)	Identify the cultural, political and socioeconomic heterogeneity that exists within and between Latinx communities.	Assessed at the course level in ETHS 111 F, 150 F and 153 F.
		Summarize the key terminology, theoretical orientations, principles and methods used in the field of Chicanx and Latinx Studies.	Assessed at the course level in ETHS 101 F and 150 F.
ETHS	Ethnic Studies Associate in Arts Degree (R 2021) (Active)	Identify and explain historical trends and common themes in ethnic history from the pre-colonial era to the present.	Assessed at the course level in ETHS 101F, 130 F, 131 F, 151 F,
		Analyze and interpret contemporary issues and topics affecting Black, Indigenous and People of Color in the U.S. utilizing Ethnic Studies frameworks.	Assessed at the course level in ETHS 111 F, 129 F, 150 F, 153 F, 159 F, 170 F, 202 F, and 235 F.
		Summarize the key terminology, theoretical orientations, principles and methods used in the field of Ethnic Studies.	Assessed at the course level in ETHS 101 F, 111 F, 202 F, 235 F.
FASH	Advanced Fashion Design Certificate (Active)	Create a fashion trend booklet on one fashion category.	Projects and written tests.
		Assemble to create an employment portfolio for entry- level employment in the fashion apparel industry as a fashion design room assistant or an assistant designer.	Portfolio and projects.
FASH	Dressmaking-Alterations Certificate (Active)	Demonstrate the skills and complete the necessary requirements for certification for employment in dressmaking and alterations field.	Portfolio and Projects
		Alter a commercial sewing pattern to fit defined body measurements.	The successful student will be able to produce a garment from a
		Create a garment from fitting a muslin on an individual missy body.	The successful student will be able to construct a muslin on an
FASH	Fashion Design Associate in Arts Degree (FY 2017) (Active)	Identify the basic fashion design principles and qualifications necessary for entry level employment with fashion manufacturers.	Written Exam
		Create a 5-piece outfit with five different patterns on the computer.	Pattern project on the computer.

FASH	Fashion Design Certificate (FY 2017) (Active)	Demonstrate an understanding of the basic design principles.	Written project
		Prepare a cost sheet for a defined seasonal heading in the apparel industry as a design worker in the design room.	Written project
FASH	Fashion Illustration Certificate (Active)	Illustrate a garment from their own creative ideas so that they can communicate a mental image to a viewer using a variety of drawing tools and assemble a portfolio for job interviews.	Projects and written tests
		Illustrate the 10 head figure (croquis) and generate folds, pleats and gathers of clothing and complete the necessary requirements for certification for employment in fashion illustration.	Projects and written tests.
FASH	Fashion Journalism Associate in Arts Degree (FY 2017) (Active)	Compose and revise a simple news story with a compelling lead, adequate sourcing and context, clear transitions and a minimal number of technical writing errors.	.
		Compare and contrast the practices used to promote fashion apparel.	.
FASH	Fashion Journalism Associate in Arts Degree (FY 2018) (Active)	Create original content for a fashion social media post aimed at a specific target market.	Social Media Post
		Compose and revise a fashion editorial with a compelling lead, adequate sourcing and context, clear transitions, and a strong title.	Written editorial
FASH	Fashion Merchandising Associate in Arts Degree (Active)	Demonstrate the skills and qualifications necessary for entry level employment with the fashion retail industry.	Written
		Create an excel spreadsheet ?open-to-buy? data.	Written exam
FASH	Fashion Merchandising Certificate (FY 2017) (Active)	Define and discuss the role of the retail fashion buyer in today?s retail environment and complete the necessary requirements for certification for employment in fashion merchandise.	Portfolio and Projects

		Evaluate consumer behavior in the fashion business.	Instructor will evaluate student's knowledge through a written test.
FASH	Fashion Skills Certificate (Active)	Create a 10 page technical package for an apparel line.	Project
		Create a 5 piece outfit with 5 different patterns on the computer.	Project
FASH	Image Consultant Certificate (FY 2017) (Active)	Create an image consultant portfolio for entry-level employment with major retailers, image consulting firms, or self-employment.	Projects
		Compare and contrast the practices used to promote fashion apparel.	Written test
		List a personal code of professional ethics.	Written test
FASH	Patternmaker Certificate (FY 2017) (Active)	Demonstrate the ability to create different patterns manually and on the computer for employment as a first patternmaker in the fashion design industry.	Production of a portfolio patternmaking package suitable for obtaining employment in the
		Produce graded "nests" to industry specifications.	The successful student will be able to produce/demonstrate a graded nest
FASH	Product Development for Apparel Industries Certificate (Active)	Plan and execute the assembly of a garment, using various industrial machines within a prescribed amount of time and complete the necessary requirements for certification for entry-level employment	Projects and Portfolio
		Evaluate the construction of Junior and Women's moderate market apparel.	Instructor will evaluate student's knowledge through a written stitches
FASH	Textiles and Clothing Associate in Arts Degree (FY 2017) (Active)	Demonstrate the ability of garment construction, alterations and qualifications necessary for entry level employment with fashion manufacturers.	Projects
		Create a print/textile in CAD (currently Adobe Photoshop) and make a 4 way print with 2 colorways.	Project
		Describe and compare two methods of printing.	Written test.

FL	Foreign Language Associate in Arts Degree		
GEOG	Geography Associate in Arts Degree (FY 2021) (Active)	Define, describe and evaluate the uneven and unequal geographical outcomes of society and nature interrelationships.	Assessed at the course level.
		Identify, evaluate and critique human-environmental processes of globalization from a geo-spatial perspective.	Assessed at the course level.
		Describe, interpret and evaluate movement, migration and cultural traits related to the social construction of human/cultural landscapes.	Assessed at the course level.
		Apply the fundamental concepts of the scientific method and explain the basic components and interrelationships of earth's physical systems of the atmosphere, biosphere, hydrosphere and lithosphere.	Assessed at the course level.
GEOG	Geography Associate in Arts Degree for Transfer (Active)	Describe, interpret and evaluate movement, migration and cultural traits related to the social construction of human/cultural landscapes.	Assessed at the course level.
		Define, describe and evaluate the uneven and unequal geographical outcomes of society and nature interrelationships.	Assessed at the course level.
		Identify, evaluate and critique human-environmental processes of globalization from a geo-spatial perspective.	Assessed at the course level.
		Apply the fundamental concepts of the scientific method and explain the basic components and interrelationships of earth's physical systems of the atmosphere, biosphere, hydrosphere and lithosphere.	Assessed at the course level.
GEOL	Geology Associate in Science Degree (Active)	Apply geology concepts to better understand current issues of environmental and/or geologic concern.	Common questions, problems, or projects assessed at the course level.
		Demonstrate an understanding of how the scientific method is used to explore topics in geology.	Common questions, problems, or projects assessed at the course level.

GEOL	Geology Associate in Science Degree for Transfer (Active)	Demonstrate an understanding of how the scientific method is used to explore topics in geology.	Common questions, problems, or projects assessed at the course level.
		Apply geology concepts to better understand current issues of environmental and/or geologic concern.	Common questions, problems, or projects assessed at the course level.
HIST	History Associate in Arts Degree (FY 2017) (Active)	Identify an author?s thesis or main idea in a historical work.	Assessed at the course level.
		Investigate historical problems and issues by consulting primary and secondary sources.	Assessed at the course level.
		Identify important events, themes, and concepts of United States, Western Civilization, and World History.	Assessed at the course level.
HIST	History Associate in Arts Degree (FY 2019) (Active)	Identify important events, themes, and concepts of United States, Western and World Civilizations.	Assessed at the course level.
		Investigate historical problems and issues by consulting primary and secondary sources.	Assessed at the course level.
		Identify an author?s thesis or main idea in a historical work.	Assessed at the course level.
HIST	History Associate in Arts Degree for Transfer (FY 2019) (Active)	Identify important events, themes, and concepts of United States, Western Civilization, and world history.	Assessed at the course level.
		Identify an author?s thesis or main idea in a historical work.	Assessed at the course level.
		Investigate historical problems and issues by consulting primary and secondary sources.	Assessed at the course level.
HIST	Latin-American Studies Associate in Arts Degree (Active)	Examine problems and issues relating to Latin America by consulting primary and secondary sources, and formulating a thesis.	Research Paper
		Identify important events, themes, and concepts of Latin American history and society.	Research Paper and multiple choice tests
		Show proficiency in intermediate Spanish.	Writing assignments and multiple

HORT	Greenhouse and Nursery Production Certificate (R)	Apply horticultural concepts to real-world problems and solutions.	Common questions, problems, or projects assessed at the course level.
HORT	Landscape Design/Management	Apply horticultural concepts to real-world problems and solutions.	Common questions, problems, or projects assessed at the course level.
HORT	Landscape Horticulture		
HORT	Landscape Irrigation Certificate (Active)	Upon successful completion of courses leading to the Landscape Irrigation Certificate, the student will be able to apply horticultural concepts to real-world problems and solutions.	Common questions, problems, or projects assessed at the course level.
HORT	Landscape Management Associate in Science Degree (Active)	Demonstrate an understanding of the biology of plants, abiotic components, and horticulturally-significant insects.	Common questions, problems, or projects assessed at the course level.
		Identify plants, abiotic components, and horticulturally-significant insects.	Common questions, problems, or projects assessed at the course level.
		Apply horticultural concepts to real-world problems and solutions.	Common questions, problems, or projects assessed at the course level.
HORT	Nursery Management Associate in Arts Degree (Active)	Identify plants, abiotic components, and horticulturally-significant insects.	Common questions, problems, or projects assessed at the course level.
		Demonstrate an understanding of the biology of plants, abiotic components, and horticulturally-significant insects.	Common questions, problems, or projects assessed at the course level.
		Apply horticultural concepts to real-world problems and solutions.	Common questions, problems, or projects assessed at the course level.
HORT	Ornamental Horticulture Associate in Science Degree (Active)	Upon successful completion of courses leading to the Ornamental Horticulture AS, the student will be able to apply horticultural concepts to real-world problems and solutions.	Common questions, problems, or projects assessed at the course level.

		Upon successful completion of courses leading to the Ornamental Horticulture AS, the student will be able to identify plants, abiotic components, and horticulturally-significant insects.	Common questions, problems, or projects assessed at the course level.
		Upon successful completion of courses leading to the Ornamental Horticulture AS, the student will be able to demonstrate an understanding of the biology of plants, abiotic components, and horticulturally-significant insects.	Common questions, problems, or projects assessed at the course level.
HORT	Ornamental Horticulture Certificate (Active)	Upon successful completion of courses leading to the Ornamental Horticulture Certificate, the student will be able to apply horticultural concepts to real-world problems and solutions.	Common questions, problems, or projects assessed at the course level.
HORT	Pest Management Certificate (Active)	Upon successful completion of courses leading to the Pest Management Certificate, the student will be able to apply horticultural concepts to real-world problems and solutions.	Common questions, problems, or projects assessed at the course level.
IDES	Commercial Interior Design Certificate (Active)	Produce and demonstrate comprehensive solutions to advanced commercial interior design projects.	Evaluation of student's studio project presentation.
		Identify and understand the sequential interior design process from discovery to post evaluation of a commercial interior design project.	Class exercises.
IDES	Interior Design Assistant Certificate (Active)	Analyze and produce solutions for the design of an interior environment.	A minimum grade of "C" in each of the classes comprising this
		Evaluate and produce a criteria program as a basis for a design project.	Evaluation of student's studio project presentation.
IDES	Interior Design Associate in Science Degree (Active)	Prepare for employment as an interior design assistant.	Evaluation of required student course work as per established

		Preparation for the IDEX (Interior Design Examination) administered by the California Council for Interior Design Certification (CCIDC) leading to the professional designation of Certified Interior Designer (CID) in the State of California.	Evaluation of required student course work to determine that all requirements established for the Interior Design Associate of Science degree have been met.
IDES	Residential Design Certificate (2017) (Active)	Identify and understand the sequential Interior Design Process from discovery to post evaluation of an interior design project.	.
		Apply basic entry-level drafting skills to draw an accurate floor plan.	.
IDES	Residential Interior Design Certificate (2019) (Active)	Produce and demonstrate comprehensive solutions to advanced residential interior design projects.	Evaluation of student's work on
		Identify and understand the sequential Interior Design Process from discovery to post evaluation of a residential interior design project.	Evaluation of student's work on an interior design project.
INDS	Interdisciplinary Studies: Emphasis in Arts and Human Expression Associate in Arts Degree (R 2020) (Active)	Demonstrate a critical understanding, appreciation and expression of artistic and cultural sensibilities in historical and contemporary contexts.	.
		Create written and spoken works that demonstrate effective communication and critical thinking skills.	1. Common questions or problems embedded in a final 2. Essay/writing assignment assessed against a department standard 3. Project assessed against a department standard 4. Skills demonstration or
INDS	Interdisciplinary Studies: Emphasis in Science and Mathematics Associate in		

INDS	Interdisciplinary Studies: Emphasis in Social Behavior and Self- Development Associate in Arts (FY 2020) (Active)	Identify, analyze, and communicate an understanding of self and society through systematic investigation of social behavior, institutions, and culture.	.
		Demonstrate a critical understanding, appreciation and expression of philosophical and cultural sensibilities in historical and contemporary contexts.	.
INDS	Interdisciplinary Studies: Emphasis in Social Sciences Associate in Arts Degree (R 2020) (Active)	Demonstrate a critical understanding, appreciation and expression of philosophical and cultural sensibilities in historical and contemporary contexts.	1. Common questions or problems embedded in a final 2. Essay/writing assignment assessed against a department standard 3. Project assessed against a department standard 4. Skills demonstration or
		Identify, analyze, and communicate an understanding of self and society through systematic investigation of social behavior, institutions, and culture.	1. Common questions or problems embedded in a final 2. Essay/writing assignment assessed against a department standard 3. Project assessed against a department standard 4. Skills demonstration or
JOUR	Journalism Associate in Arts Degree (Active)	Evaluate a written or broadcast story and identify libel or slander.	Exam
		Create a multimedia story suitable for publication.	Portfolio
		Construct a factual, well-sourced article for publication.	Portfolio
		Assess the news value of an article.	Exam
JOUR	Journalism Associate in Arts Degree for Transfer (Active)	Identify Associated Press style within a news story.	Exam
		Compose a well-researched article for publication.	Published article/portfolio
		Compose a summary news lead in an article for publication.	Written article
		Identify the seven elements that determine news value.	Exam
JOUR	Journalism Certificate	Identify libel or slander in a print or broadcast story.	Exam

	(Active)	Construct a well-researched factual news story suitable for publication.	Portfolio
		Evaluate and asses written articles for compliance to Associated Press style and proper grammar.	Exam
		Identify Associated Press style in writing 90 percent of the time.	Exam
JOUR	Public Relations Certificate (Active)	Identify Associated Press style in writing 90 percent of the time.	Exam
		Compose a newsworthy press release.	Portfolio
		Identify libel or slander in a print or broadcast story.	Exam
		Create a complete media kit.	Portfolio
JOUR	Spanish Language Media Certificate (FY 2017) (Active)	Compose a newsworthy story for publication.	Portfolio submission
		Demonstrate an understanding of differences in content for print and broadcast media outlets.	Exam
JOUR	Spanish Language Media Certificate (R 2020) (Active)	Demonstrate an understanding of differences in content for print and broadcast media outlets.	Exam
		Compose a newsworthy story for publication.	Portfolio submission
MACH	CNC Operator Certificate (Active)	Identify different types of computer numerical machinery, their axis systems, control features, positioning systems, tooling and cutting tools.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
		Solve mathematical calculations necessary to determine part feature locations of machined parts.	Tests, quizzes, class assignments, and/or projects assessed against a
MACH	Computer Numerical Control (CNC) Certificate (FY 2019) (Active)	Select the appropriate measuring tools to evaluate machined parts to blueprint specifications.	Tests, quizzes, class assignments, and/or projects assessed against a
		Prepare computer numerical control programs for CNC turning and milling machines.	Tests, quizzes, class assignments, and/or projects assessed against a

MACH	Machine Technology Level I Certificate (Active)	Determine appropriate measuring tools to evaluate machine parts to Blueprint specifications.	Tests, quizzes, class assignments, and/or projects assessed against a
		Solve mathematical calculations necessary for machining processes.	Tests, quizzes, class assignments, and/or projects assessed against a
MACH	Machine Technology Level II Certificate (FY 2019) (Active)	Determine operational sequences, select appropriate machine tools, work-holding devices and cutting tools for material removal.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
		Demonstrate basic set-up/operation of machinery such as engine lathes, milling machines, surface grinders and basic CNC equipment to produce machined parts that fit together in assemblies.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
		Interpret engineering drawings related to the machining process.	Tests, quizzes, class assignments, and/or projects assessed against a
MACH	Manufacturing Technology Associate in Science Degree (FY 2019) (Active)	Demonstrate welding on 16 gauge steel with inert gas welding equipment.	Tests, quizzes, class assignments, and/or projects assessed against a
		Develop manufacturing procedure(s) for metal sub-assemblies.	Tests, quizzes, class assignments, and/or projects assessed against a
MACH	Mastercam Skills Certificate (Active)	Prepare numerical control programs for CNC machine tools.	Tests, quizzes, class assignments, and/or projects assessed against a
		Select tools for the removal of material and toolpaths for rough and finish machining operations.	Tests, quizzes, class assignments, and/or projects assessed against a
		Organize and construct geometry of 3D model parts for machining operations.	Tests, quizzes, class assignments, and/or projects assessed against a
MACH	Metrology Certificate (Active)	Complete a simple Inspection Report utilizing basic measurement tools and drawings.	Tests, quizzes, class assignments, and/or projects assessed against a
		Demonstrate an understanding of the ANSI Y14.5 standard and how it is applicable to inspection processes.	Tests, quizzes, class assignments, and/or projects assessed against a
		Perform simple calculations for unit conversions and to obtain final values from Blueprints for inspection reports.	Tests, quizzes, class assignments, and/or projects assessed against a

		Employ basic and automated measurement tools to perform inspections.	Tests, quizzes, class assignments, and/or projects assessed against a
MACH	Metrology Mini Skills Certificate (Active)	Perform simple calculations for unit conversions and to obtain final values from Blueprints for inspection reports.	Tests, quizzes, class assignments, and/or projects assessed against a
		Employ basic measurement tools to perform inspections.	Tests, quizzes, class assignments, and/or projects assessed against a
MACH	Surfcam Skills Certificate (Active)	Organize and construct geometry of three dimensional parts for machining operations.	Tests, quizzes, class assignments, and/or projects assessed against a
		Select tools for the removal of material and tool-paths for rough and finish machining operations.	Tests, quizzes, class assignments, and/or projects assessed against a
		Prepare numerically controlled programs for computer numerical machine tools.	Tests, quizzes, class assignments, and/or projects assessed against a
MACH	Swiss Lathe Certificate (Active)	Prepare a simple CNC program from blueprints for a Swiss Style Lathe (screw machine type).	Tests, quizzes, class assignments, and/or projects assessed against a
		Demonstrate the ability to set fixture offsets, tool length offsets, geometry and wear offsets on Swiss Style Lathe (screw machine type) to manufacture parts to blueprint specifications.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
MATH	Mathematics Associate in Science Degree (R 2021) (Active)	Analyze a mathematical function.	Exam questions
		Determine and use an appropriate method to solve a mathematical problem.	Exam questions
MATH	Mathematics Associate in Science Degree for Transfer (R 2021) (Active)	Analyze a mathematical function.	Exam questions
		Determine and use an appropriate method to solve a mathematical problem.	Exam questions

MICR	Microbiology Associate in Science Degree (Active)	Upon successful completion of courses leading to the Microbiology Associate in Science Degree, the student will be able to demonstrate an understanding of how the scientific method is used to explore topics in microbiology.	Common questions on a final exam, lab reports, assessed at the course level.
		Upon successful completion of courses leading to the Microbiology Associate in Science Degree, the student will be able to demonstrate safe and proficient use of laboratory equipment and techniques.	Common questions on a final exam, lab reports, assessed at the course level.
		Upon successful completion of courses leading to the Microbiology Associate in Science Degree, the student will be able to explain how molecular and cellular structures contribute to function.	Common questions on final exam, assessed at the course level.
MUS	Commercial Music Associate in Arts Degree (Active)	Perform or participate in a contemporary music production.	.
		Produce basic songs in a variety of commercial music genres using Digital Audio Workstations.	.
		Explain the basics of intellectual property laws and copyright and Trademark protection.	.
		Describe and execute the basic concepts of songwriting in respect to melody, harmony and rhythm.	.
MUS	Music Associate in Arts Degree (Active)	Upon successful completion of courses leading to the Associate in Arts Degree Program in Music, the student will be able to demonstrate college sophomore level proficiency in ensemble rehearsal and performance.	Skills demonstration or performance assessed against a department standard
		Upon successful completion of courses leading to the Associate in Arts Degree Program in Music, the student will be able to demonstrate working knowledge and successful execution of college sophomore level Music Theory and Musicianship.	Skills demonstration or performance assessed against a department standard

		Upon successful completion of courses leading to the Associate of Arts Degree Program in Music, the student will be able to demonstrate college sophomore level skill in solo performance on instrument of chosen concentration (Orchestral Instrument, Voice, Piano, Guitar).	Skills demonstration or performance assessed against a department standard
		Upon successful completion of courses leading to the Associate in Arts Degree Program in Music, the student will be able to demonstrate college sophomore level proficiency in identifying genres, styles, and periods of music through concert attendance and listening of recorded music.	Skills demonstration or performance assessed against a department standard
MUS	Music Associate in Arts Degree (R 2021) (Active)	Demonstrate college sophomore-level proficiency in identifying genres, styles, and periods of music through concert attendance and listening of recorded music.	Skills demonstration or performance assessed against a department standard
		Demonstrate college sophomore- level skill in solo performance on instrument of chosen concentration (Orchestral Instrument, Voice, Piano, Guitar).	Skills demonstration or performance assessed against a department standard
		Demonstrate working knowledge and successful execution of college sophomore-level Music Theory and Musicianship.	Skills demonstration or performance assessed against a department
		Demonstrate college sophomore-level proficiency in ensemble rehearsal and performance.	Skills demonstration or performance assessed against a department
MUS	Music Associate in Arts Degree for Transfer (Active)	Upon successful completion of courses leading to the Associate of arts Degree for Transfer Program in Music, the student will be able to demonstrate working knowledge and successful execution of Sophomore level Music Theory and Musicianship.	Skills demonstration or performance assessed against a department standard
		Upon successful completion of courses leading to the Associate of Arts Degree for Transfer Program in Music, the student will be able to demonstrate sophomore level skill in solo performance on instrument of chosen concentration (Orchestral Instrument, Voice, Piano, Guitar).	Skills demonstration or performance assessed against a department standard

		Upon successful completion of courses leading to the Associate of Arts Degree for Transfer Program in Music, the student will be able to demonstrate Sophomore level proficiency in ensemble rehearsal and performance.	Skills demonstration or performance assessed against a department standard
		Upon successful completion of courses leading to the Associate of Arts Degree for Transfer Program in Music, the student will be able to demonstrate Sophomore level proficiency in identifying genres, styles, and periods of music.	Skills demonstration or performance assessed against a department standard
MUS	Music Recording/Production Certificate (Active)	Upon successful completion of courses leading to the Music Recording/Production Certificate the student will be able to understand and apply signal flow of the Recording Process on a real analog recording console as well as in a DAW.	Student has to conduct a real world recording session as engineer as well as produce music tracks on a DAW.
		Upon successful completion of courses leading to the Music Recording/Production Certificate the student will be able to write music in a variety of musical genres and is able to record individual components of his or her compositions.	Student has to deliver a musical portfolio that is evaluated against a department standards.
MUS	Piano Teaching Certificate (R 2021) (Active)	Demonstrate effective piano teaching skills.	Exit interview administered by the
		Assess proper method books and supplementary materials appropriate for individual student age and level.	Exit interview administered by the instructor(s).
NUTR	Nutrition and Dietetics Associate in Science Degree for Transfer (Active)	Demonstrate an understanding of how the scientific method is used to evaluate diet and foods.	Exams and writing assignments
		Apply nutritional concepts in the planning of meals and the preparation of food.	Diet analysis project, exams and other writing assignments
NUTR	Nutrition and Foods Associate in Arts Degree (R 2021) (Active)	Demonstrate an understanding of how the scientific method is used to evaluate diet and foods.	Exams and quizzes, laboratory worksheets, practicum.
		Apply nutritional concepts in the planning of meals and the preparation of food.	Exams and quizzes, laboratory worksheets, practicum.

NUTR	Nutrition and Foods Skills Certificate (Active)	Differentiate between proper and improper food safety and sanitation techniques.	Completion of Food Safety and Sanitation (FOOD 110 F) with a
		Explain nutrient needs and how diet and lifestyle choices impact health.	Completion of Human Nutrition (NUTR 210 F) with a passing grade.
		Determine the correct preparation methods and assess the quality of a wide variety of foods.	Completion of Introduction to Foods (FOOD 102 F) with a
OT	Legal Office Administration Associate		
PE	Aquatic Specialist Certificate (Active)	The student will understand the application of aquatic programs and be able to apply the principles of the programs on a skill passing level.	Student will be able to demonstrate various skills of each of the aquatic areas covered in the program.
PE	Athletic Coach Certificate (2020) (Active)	Formulate a full season plan of practice for the students in their respective sport.	Written project. Evaluate the training plan by checking for the implementation of the following exercise principles: periodization, specificity, and the FITT principle.
		Interpret the rules and regulations of three sports of the student's choice.	Written exam with a 75% success rate.
PE	Kinesiology Associate in Arts Degree for Transfer (FY 2019) (Active)	Demonstrate an understanding the relation of the kinesiology and physiology of the anatomy as it relates to movement.	The student will be able to identify and appraise of sport exercise by listing the practical implications of the musculoskeletal system and body
PE	Personal Trainer Certificate (2019) (Active)	Demonstrate the information, training and practical skills to qualify for work as a Personal Trainer.	Students will be able to assess an individuals? level of physical fitness as measured by ability to follow industry standards for fitness
		Design appropriate exercise programming as measured by ability to following guidelines and recommendation for scientific exercise programming during internship.	Students will be able to demonstrate a working knowledge affecting the postural structure and stabilization

PE	Physical Education Associate in Arts Degree (Active)	Upon successful completion of courses leading to Physical Education Associate in Arts Degree the student will be able to identify concepts and theories of sport exercise psychology that can be applied, in coaching and teaching.	Students will successfully apply theories of sport psychology into a coaching and teaching program.
		Upon successful completion of courses leading to Physical Education Associate in Arts Degree the student will be able to identify and apply four related fields of Physical Education: Fitness/Wellness, Teaching/Coaching, Sport Careers, Sport/Exercise.	Demonstrate skills required for the successful development of each of the four specific related fields and apply them in a program.
		Upon successful completion of courses leading to Physical Education Associate in Arts Degree the student will be able to identify athletic injuries and demonstrate a physical remedy for each.	Skill performance success on four basic areas of injury (bleeding control, spiral wraps and ties, upper extremities and lower extremities
PE	Physical Education ? Fitness Associate in Science Degree (FY 2019) (Active)	Demonstrate a working knowledge of how the body's metabolism is affected by muscle, cardio respiratory, and functional exercise on the body.	Students will use a pre and post assessment to determine the metabolic difference on the body.
		Identify athletic injuries and demonstrate the physical remedy for each.	Skill performance success on four basic areas of injury (bleeding control, spiral wraps and ties, upper
		Design their own exercise program.	Students will be able to define four body areas of fitness and incorporate
PE	Pilates Certificate (FY 2019) (Active)	Identify and break down safe practices that relate to Pilates exercises.	Written and practical testing of students' ability to understand principles, modifications and
		Identify, explain and differentiate between Pilates and Movement Principles, major musculature and core muscles.	Written Exams
		Conduct interviews and make assessments with clients, determining appropriate exercises to prescribe.	Written exams, practical application and observation.
PE	Therapeutic and Sport	.	.

	Massage Therapist Level II	Certificate deletion	Certificate deletion
PE	Therapeutic and Sports Massage Therapist		
PE	Yoga Teacher Skills Certificate (Active)	Identify and describe anatomy and kinesiology principles in relation to basic Hatha yoga postures.	Written examinations.
		Demonstrate, describe and teach basic Hatha yoga postures, breathing techniques and meditation.	Practical evaluation of a teaching demonstration.
		Identify and determine safe practices related to Yoga postures.	Written and practical testing of students' ability to understand
PHIL	Philosophy Associate in Arts Degree (Active)	Compare and contrast the epistemological and metaphysical systems of Plato, Aristotle, and at least one medieval philosopher.	Assessed at the course level.
		Compare and contrast the epistemological systems of Rationalism, Empiricism, Kantianism, and at least one nineteenth century and one contemporary philosopher.	Assessed at the course level.
		Compare and contrast the principles of at least two of the following ethical approaches: Utilitarianism, Kantian ethics, Natural law, Virtue ethics, Feminist ethics.	Assessed at the course level.
		Identify and explain major philosophical terms and concepts.	Assessed at the course level.
		Evaluate patterns of deductive and inductive reasoning.	Assessed at the course level.
PHIL	Philosophy Associate in Arts Degree for Transfer (Active)	Compare and contrast the principles of at least two of the following ethical approaches: Utilitarianism, Kantian ethics, Natural law, Virtue ethics, Feminist Ethics.	Program-level student learning outcome will be assessed at the course level, via common multiple-choice or other objective questions embedded in an exam or as a stand-alone assessment; and/or essay or

		Compare and contrast the philosophical systems of at least two philosophers from each of the ancient, modern, and contemporary eras.	Program-level student learning outcome will be assessed at the course level, via common multiple-choice or other objective questions embedded in an exam or as a stand-alone assessment; and/or essay or
		Identify and explain major philosophical terms and concepts.	Program-level student learning outcome will be assessed at the course level, via common multiple-choice or other objective questions embedded in an exam or as a stand-alone assessment; and/or essay or
		Evaluate patterns of deductive and inductive reasoning.	Program-level student learning outcome will be assessed at the course level, via common multiple-choice or other objective questions embedded in an exam or as a stand-alone assessment; and/or essay or
PHIL	Religious Studies Associate in Arts Degree (Active)	Compare and contrast at least two methods used to study religion.	Assessed at the course level.
		Compare and contrast at least two of the major religious traditions, focusing on an ethical aspect and on an aspect of worship.	Assessed at the course level.
		Identify and explain at least two major theological issues dividing Protestantism, Roman Catholicism and Eastern Orthodoxy.	Assessed at the course level.
		Identify and explain at least two aspects of the world-views held by at least two of the major Asian religious traditions.	Assessed at the course level.
PHOT	Photography Associate In Arts Degree (Active)	Upon successful completion of courses leading to the Associate in Arts Photography Degree students will be qualified for entry-level employment and/or transfer to a four year university.	Alignment with ISLO's

PHOT	Professional Photography Certificate (Active)	Upon successful completion of courses leading to the Certificate in Professional Photography students will be able to produce a variety of lighting diagrams necessary to be qualified for entry-level employment.	Portfolio and Alignment with ISLO's
PHYS	Physics Associate in Science Degree for Transfer (Active)	Demonstrate the ability to apply physics concepts to solve problems.	Take written examinations and methodically solve various physics problems using general physical laws and principles along with
		Demonstrate an understanding of how the scientific method is used to explore topics in physics.	Perform physical experiments, record data, analyze data so as to determine patterns in the data, compare patterns with theoretical expectations, and conclude whether
PLEG	Paralegal Studies Associate in Science Degree (FY 2019) (Active)	Use computers and other technology for document production, law office management, trial preparation, and other tasks performed by paralegals.	Assessed by written exam or other department standard.
		Demonstrate ethical requirements required of a paralegal as required by state law and apply rules of professional conduct to resolve any issues.	Assessed by written exam or other department standard.
		Research and perform substantive legal work under the direct supervision of an attorney in any legal environment in any state in the United States.	Assessed by written exam or other department standard.
		Differentiate and describe the organization and function of the United States? Judicial, Executive and Legislative branches of government.	Assessed by written exam or other department standard.
		Demonstrate sensitivity through adaptability and flexibility in working with a diverse group of people from every socioeconomic level.	Assessed by written exam or other department standard.

PLEG	Paralegal Studies Certificate (Active)	Demonstrate ethical requirements required of a paralegal as required by state law and apply rules of professional conduct to resolve any issues.	Assessed by written essay or other department standard.
		Research and perform substantive legal work under the direct supervision of an attorney in any legal environment in any state in the United States.	Assessed by written exam or other department standard.
		Demonstrate sensitivity through adaptability and flexibility in working with a diverse group of people from every socioeconomic level.	Assessed by written essay or other department standard.
		Use computers and other technology for document production, law office management, trial preparation, and other tasks performed by paralegals.	Assessed by written exam or other department standard.
		Differentiate and describe the organization and function of the United States? Judicial, Executive and Legislative branches of government.	Assessed by written essay or other department standard.
POSC	Political Science Associate in Arts Degree (FY 2019) (Active)	Differentiate among the different forms of government, i.e., parliamentary, federalism, one-party rule.	Assessed at the course level.
		Identify some of the theories and philosophical principles that were used to establish political systems, i.e., liberalism, conservatism, fascism, communism.	Assessed at the course level.
		Describe the major theories and philosophical principles that were applied to establish the American political system, e.g., federalism, confederation, and states? rights.	Assessed at the course level.
		Identify some of the critical periods in the evolution of international relations. Such theories and concepts will also include ?balance-of-power,? ?bipolar versus multipolar world,? and the ?realist school? versus the ?idealist school.?	Assessed at the course level.
POSC	Political Science Associate in Arts Degree for Transfer	Differentiate among the different forms of government, i.e., parliamentary, federalism, one-party rule.	Assessed at the course level.

	(Active)	Identify some of the critical periods in the evolution of international relations. Such theories and concepts will also include ?balance-of-power,? ?bipolar versus multipolar world,? and the ?realist school? versus the ?idealist school.?	Assessed at the course level.
		Describe the major theories and philosophical principles that were applied to establish the American political system, e.g., federalism, confederation, and states? rights.	Assessed at the course level.
		Identify some of the theories and philosophical principles that were used to establish political systems, i.e., liberalism, conservatism, fascism, communism.	Assessed at the course level.
PRNT	Advanced Sheetfed Offset Presswork Certificate (FY 2018) (Active)	Produce offset lithographic plates used for multi-color printing on a sheetfed offset press.	Create offset lithographic plates used for multi-color printing on a
		Produce multi-color offset lithographic prints at industry standards using single and multi-color presses.	Create multi-color offset lithographic prints at industry
PRNT	Digital/In-Plant Graphics Certificate (FY 2018)	Create a multi-color digital printing sample produced at industry standards using a digital printing system.	Create a single-color offset printing sample produced at industry
PRNT	Electronic Imaging Certificate (FY 2018) (Active)	Demonstrate basic use of computer graphics software and hardware, and be able to demonstrate basic imposition and color correction techniques.	Perform basic use of computer graphics software and hardware, including basic imposition and color
		Create, edit and analyze electronic files for print output using application software.	Produce electronic files for print output using application software.
PRNT	Flexography Skills		
PRNT	Printing Technology (General) Certificate (Active)	Demonstrate proper operational skills required to operate a central impression flexographic printing press to produce single color labels.	Produce a single color label with proper image location and registration, printed without image
		Produce a offset printing plate produced to industry standards.	Produce an offset printing plate using CTP (computer to plate)

PRNT	Printing Technology Associate in Science Degree (FY 2018) (Active)	Produce a multi-up imposition and print it to industry standards.	Create an imposition layout using industry graphics software and
		Create a multi-color printing sample using three different printing processes produced at industry standards.	Identify various printing defects from printed samples.
PRNT	Quick Print/In-Plant Graphics Certificate (FY 2018) (Active)	Create a multi-color digital printing sample produced at industry standards using a digital printing system.	Skills demonstration
		Create a single-color offset printing sample produced at industry standards using a digital printing system.	Skills demonstration
PRNT	Screen Printing Certificate (FY 2018) (Active)	Apply terminology of screen printing and produce various single and multi-color prints at industry standards using a screen printing press.	Create various single and multi-color prints at industry standards using a screen printing press.
		Create a multi-color screen printing sample produced at industry standards using a screen printing press.	Produce a multi-color screen printing sample produced at industry
PSY	Psychology Associate in Arts Degree (Active)	Upon successful completion of courses leading to the Psychology Associate in Arts Degree, the student will be able to summarize and critically evaluate research articles as well as information presented in the popular media.	Assessed at the course level.
		Upon successful completion of courses leading to the Psychology Associate in Arts Degree, the student will be able to identify appropriate statistical tests to be conducted on data for specific types of research studies.	Assessed at the course level.
		Upon successful completion of courses leading to the Psychology Associate in Arts Degree, the student will be able to identify why psychology is considered a science.	Assessed at the course level.
PSY	Psychology Associate in Arts Degree for Transfer (Active)	Upon successful completion of courses leading to the Psychology Associate in Arts Degree for Transfer, the student will be able to identify why psychology is considered a science.	Assessed at the course level.

		Upon successful completion of courses leading to the Psychology Associate in Arts Degree for Transfer, the student will be able to identify appropriate statistical tests to be conducted on data for specific types of research studies.	Assessed at the course level.
		Upon successful completion of courses leading to the Psychology Associate in Arts Degree for Transfer, the student will be able to summarize and critically evaluate research articles as well as information presented in the popular media.	Assessed at the course level.
RE	Real Estate Management Associate in Science Degree (FY 2017) (Active)	Analyze a routine business request and respond with a written letter that illustrates good business writing skills.	Essay/writing assignment assessed against a department standard.
		Demonstrate proficiency of the basic principles of California real estate.	Common questions or problems assessed against a department
		Use a working vocabulary of business terminology.	Common questions or problems assessed against a department
RE	Real Estate Management Certificate (FY 2017) (Active)	Use a working vocabulary of business terminology.	Common questions or problems assessed against a department
		Analyze a routine business request and respond with a written letter that illustrates good business writing skills.	Essay/writing assignment assessed against a department standard.
		Demonstrate proficiency of the basic principles of California real estate.	Common questions or problems assessed against a department
RE	Real Estate Sales Certificate (R 2020) (Active)	Demonstrate proficiency of the basic principles of California real estate.	Common questions or problems assessed against a department
		Use a working vocabulary of real estate terminology.	Common questions or problems assessed against a department
RE	Real Estate Sales Skills Certificate (N 2020) (Active)	Use a working vocabulary of the business/real estate industry.	assessed by a department standard.
		Demonstrate proficiency of the basic principles of California Real Estate.	assessed by a department standard.

SJS	Social Justice Studies Associate in Arts Degree for Transfer (2018) (Active)	Analyze the effectiveness of social justice movements in their attempts to challenge racism, sexism, classism, homophobia and other institutional forms of oppression.	Multiple-choice or other objective questions embedded in an exam or as a stand-alone assessment; and/or
		Identify diverse presentations and experiences of gender in society, with special attention to the intersection between gender, race, class and sexuality.	Multiple-choice or other objective questions embedded in an exam or as a stand-alone assessment; and/or
		Identify diverse presentations and experiences of race and ethnicity in society, with special attention to the intersection between race, gender, class and sexuality.	Multiple-choice or other objective questions embedded in an exam or as a stand-alone assessment; and/or
		Consider various perspectives relative to the role of women in diverse social and cultural settings.	Multiple-choice or other objective questions embedded in an exam or as a stand-alone assessment; and/or
SOC	Sociology Associate in Arts Degree (R 2021) (Active)	Examine and illustrate the use of the scientific method in the field of sociology, including reasonable knowledge of descriptive and inferential statistics.	Program-level student learning outcome will be assessed at the course level (SOSC 120 F, Introduction to Probability and Statistics and/or SOSC 125 F, Introduction to Research Methods),
		Describe current social problems, including their effects on individuals as well as societies at large.	Program-level student learning outcome will be assessed at the course level (SOC 102 F, Social Problems), via common multiple-choice or other objective questions
		Differentiate between the major sociological theoretical perspectives - structural functionalism (functionalist), social conflict (conflict) and symbolic interactionism (interactionist).	Program-level student learning outcome will be assessed at the course level (SOC 101 F, Introduction to Sociology), via common multiple-choice or other

		Describe the "sociological imagination" and identify how the discipline of sociology is relevant to the study of contemporary society.	Program-level student learning outcome will be assessed at the course level (SOC 101 F, Introduction to Sociology) via common multiple-choice or other
SOC	Sociology Associate in Arts Degree for Transfer (R 2020) (Active)	Demonstrate a reasonable knowledge of current social problems, including the ability to describe their effects on individuals as well as society at large.	Program-level student learning outcome will be assessed at the course level (SOC 102 F, Social Problems), via common multiple-choice or other objective questions
		Demonstrate how the scientific method is used in the field of sociology, as well as demonstrate reasonable knowledge of descriptive and inferential statistics.	Program-level student learning outcome will be assessed at the course level (SOSC 120 F, Introduction to Probability and Statistics), via common multiple-
		Differentiate between the major sociological theoretical perspectives - structural functionalism (functionalist), social conflict (conflict) and symbolic interactionism (interactionist).	Program-level student learning outcome will be assessed at the course level (SOC 101 F, Introduction to Sociology), via common multiple-choice or other
		Define the "sociological imagination" and identify how the discipline of sociology is relevant to the study of contemporary society.	Program-level student learning outcome will be assessed at the course level (SOC 101 F, Introduction to Sociology) via common multiple-choice or other
		Identify and evaluate different research designs that can be used to conduct quantitative research (such as survey, experiment, and other research designs).	Program-level student learning outcome will be assessed at the course level (SOSC 125 F, Research Methods), via common multiple-choice or other objective questions

SOSC	Law, Public Policy and Society Associate in Arts Degree for Transfer (Active)	Explain the internal and external processes of: a) government, (e.g, separation of powers, checks and balances, federalism) b) interest groups, (e.g., the behavioral school, the Madisonian dilemma) c) public policy (e.g., bureaucratic theory, division of labor) .	Assessed at the course level in POSC 100 F or similar course.
		Assess correlates of crime, including demographic correlates of crime and crime victimization, such as gender, age, race/ethnicity, social status, social ecology, family, schools, peers, religion and work.	Assessed at the course level in AJ 100F, SOC 292 F, or similar course.
		Compose an argument and provide ideas and information suitable to the topic, purpose, and audience.	Assessed at the course level in COMM 135 F or similar course.
		Explain the basic ethical structures of act based, intention based and outcome based constructs.	Assessed at the course level in PHIL 160 F or similar course.
SOSC	Research Fundamentals Skills Certificate (Active)	Construct a testable hypothesis and examine it using appropriate research methodologies.	Assessed at the course level.
SOSC	Volunteer Services Skills Certificate (Active)	Explain the importance of volunteering in the community from a behavioral sciences perspective.	Assessed at the course level.
SPAN	Spanish Associate in Arts Degree for Transfer (R 2017) (Active)	Refine Spanish oral and written production in response to discourse related to self, family, social situations, school, work and societal issues.	Common questions or problems.
		Refine Spanish oral and written production in response to written materials in Spanish.	Common questions or problems.
		Interpret similarities and differences between the cultural practices and perspectives of the target language and those of other cultures.	Common questions or problems.
TECH	Autonomous Systems Development Associate in Science Degree (Active)	Design and conduct experiments, as well as to analyze and interpret data.	Student work
		Analyze and interpret data and compare results with theoretical calculations.	Assignments

TECH	Industrial Technology Associate in Science Degree (R 2021) (Active)	Apply theories and principles to solve technical and management problems.	Tests, quizzes, class assignments, and/or projects assessed against a
		Collect, interpret data to analyze and solve problems.	Tests, quizzes, class assignments, and/or projects assessed against a
		Apply good written/oral communication and presentation skills.	Tests, quizzes, class assignments, and/or projects assessed against a
		Select and use computer applications software.	Tests, quizzes, class assignments, and/or projects assessed against a
		Describe occupations typically found in each industry/technical area such as: manufacturing, automotive, photography, construction, welding, printing, and drafting.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
		Design, test and analyze a system or process to meet desired needs.	Tests, quizzes, class assignments, and/or projects assessed against a
TECH	Theme Park Technology Specialist Certificate (R 2021) (Active)	Design a regular maintenance and diagnostic plan for various theatrical, theme park ride, and entertainment industry systems.	Supervised laboratory demonstration.
		Perform troubleshooting and reporting functions for programmable logic controllers.	Supervised laboratory demonstration.
		Illustrate, evaluate, and employ the correct and safe and efficient use of tools, hardware, and equipment associated with the maintenance and trouble-shooting of various theatrical and theme park systems.	Supervised laboratory demonstration.
THEA	Musical Theatre Level 1 Certificate (2019) (Active)	Apply and Integrate analytical skills through written script analysis, written and verbal evaluation of peer performances and of live theatrical productions.	Through projects assigned in Certificate coursework, assessed against a department standard.
Describe and demonstrate rhythm and note reading skills in the sight-singing	Through projects assigned in Certificate coursework, assessed against a department standard.		

Demonstrate the ability to perform	Through projects assigned in Certificate coursework, assessed against a		
Explain, discriminate and relate the professional work ethic of Musical	Through projects assigned in Certificate coursework, assessed against a department standard.		
Identify and apply specific skills, knowledge, and creativity for professional	Through projects assigned in Certificate coursework, assessed against a department standard.		
THEA	Acting and Performance Level 1 Certificate (N 2021) (Active)	Analyze and apply vocal and physical techniques toward the creation of character for the purpose of theatrical storytelling.	Through projects assigned in certificate coursework, assessed
		Demonstrate the ability to select, rehearse and perform solo and scene material as well as "cold read" provided materials.	Through projects assigned in certificate coursework, assessed
		Identify and apply specific skills, knowledge, and creativity for professional development and employment in theatre, film, and television.	Through projects assigned in certificate coursework, assessed against a department standard.
		Apply and integrate analytical skills through written script analysis as well as written and verbal evaluation of peer performances and of other theatrical productions.	Through projects assigned in certificate coursework, assessed against a department standard.
THEA	Assistant Costume Designer Certificate (Active)	Design costumes suitable for the stage.	Practical project demonstrating the student's ability to analyze a script
		Organize and load in costumes for a theatrical production.	Practical demonstration during tech week of organizing costumes for load in and loading down costumes

		Create custom patterns to match an actor's measurements.	Practical demonstration of the student's ability to create a custom pattern matching both an actor and
		Construct a complete costume from several historical time periods.	Practical demonstration through the construction of complete costumes
		Create and maintain a show bible.	Practical assignment of creation of a show bible and maintenance during
		Determine whether to pull, purchase or build costumes based upon the needs of the script, the show's budget and the time and workforce available.	Practical project that demonstrates the student's ability to read a script and determine its costume needs and
THEA	Costume Cutter/Draper Certificate (FY 2017) (Active)	Pattern a basic muslin/toile per the measurements of an actor.	Practical demonstration of the student's ability to pattern a basic
		Adapt a commercial pattern to match a designer's costume sketch.	Assessment: Practical demonstration of the student's ability to adapt a
		Create a historical pattern based upon the costume designer's sketch and the actor's measurements.	Practical demonstration of the student's ability to create a historical pattern based upon the
		Create a custom muslin/toile for an actor.	Practical demonstration of the student's ability to create and fit
		Analyze a costume design sketch/rendering to determine its patterning needs.	Practical demonstration of the student's ability to determine a
THEA	Costume Cutter/Draper Certificate (FY 2018) (Active)	Adapt a commercial pattern to match a designer's costume sketch.	Assessment: Practical demonstration of the student's ability to adapt a
		Analyze a costume design sketch/rendering to determine its patterning needs.	Practical demonstration of the student's ability to determine a
		Pattern a basic muslin/toile per the measurements of an actor.	Practical demonstration of the student's ability to pattern a basic
		Create a custom muslin/toile for an actor.	Practical demonstration of the student's ability to create and fit
		Create a historical pattern based upon the costume designer's sketch and the actor's measurements.	Practical demonstration of the student's ability to create a historical pattern based upon the

THEA	Costume Stitcher Certificate (FY 2018) (Active)	Construct a complete garment from a historical time period using a commercial pattern.	Practical demonstration through construction of a garment from a
		Demonstrate the application of theatrical closures including hook and eye tape, zippers and machine button holes.	Practical demonstration of the student's ability to apply hook and eye tape, set in a zipper and sew
		Create historical corsets and underpinnings.	Practical demonstration through construction of a historical corset
		Analyze if and how a garment can be altered to meet the needs of an actor.	Practical demonstration of the student's ability to alter a garment
		Construct a period costume using a custom pattern with no written instructions.	Assessment: Practical demonstration through construction of a garment from a historical time period using a
THEA	Costume Wardrobe Skills Certificate (Active)	Assist an actor with a fast change.	Practical demonstration during a production of assisting an actor with a quick change and the proper
		Solve and take care of minor costume repairs during the run of a show.	Practical demonstration by the student of dealing with the repair
		Organize other students in striking a theatrical production.	Practical demonstration by the student of organizing and leading a team of other students in the strike
		Analyze a script to determine the costume needs of actor including the how and when of fast changes.	Practical demonstration by the student of the creation costume
		Determine the proper methods for cleaning costumes and execute them.	Practical demonstration by the student of creating a cleaning chart based upon the needs of a
THEA	Lighting Technician Certificate (Active)	Identify, explain and evaluate the safe operation of lighting equipment associated with theatrical productions.	Skills demonstration measured against a department standard.
		Relate and explain the processes inherent in the theatrical lighting design process.	Skills demonstration measured against a department standard.

		Operate and evaluate theatrical lighting equipment by participating in the practices of hanging, circuiting and focusing for actual productions.	Skills demonstration measured against a department standard.
		Analyze and evaluate the lighting requirements of a play or musical.	Skills demonstration measured against a department standard.
		Identify and explain the documentation required to implement the lighting for a theatrical production.	Skills demonstration measured against a department standard.
		Identify, describe and define terminology commonly associated with theatrical lighting.	Skills demonstration measured against a department standard.
THEA	Scenic Artist Certificate (Active)	Discriminate and evaluate the relationships of pigment color to lighting, costuming, and scenery.	Skills demonstration measured against a department standard.
		Identify, explain and evaluate the safe operation of scene painting equipment associated with theatrical productions.	Skills demonstration measured against a department standard.
		Compare, contrast and choose the appropriate brushes, rollers, and applicators as needed for various scenic materials.	Skills demonstration measured against a department standard.
		Differentiate, formulate and select the appropriate paints and finishes as needed for various scenic materials.	Skills demonstration measured against a department standard.
		Demonstrate and evaluate general drawing and painting skills.	Skills demonstration measured against a department standard.
		Demonstrate, formulate and assess the principles of color theory and paint mixing.	Skills demonstration measured against a department standard.
THEA	Sound Technician Certificate (Active)	Identify and describe the different types of drawings for theatrical sound/audio.	Skills demonstration measured against a department standard.
		Demonstrate an understanding of basic technical theatre terminology as it relates to sound/audio.	Skills demonstration measured against a department standard.
		Identify and demonstrate the practical aspects of safe and effective use of tools and equipment associated with sound/audio for the theatre.	Skills demonstration measured against a department standard.
		Identify and explain collaboration and concept as it relates to the sound/audio design process.	Skills demonstration measured against a department standard.

THEA	Stage Management Certificate (Active)	Upon successful completion of the courses leading to the Theatre Arts Stage Management Certificate, the student will be able to evaluate and compare the job descriptions of theatrical production personnel.	Skills demonstration measured against a department standard.
		Upon successful completion of the courses leading to the Theatre Arts Stage Management Certificate, the student will be able to analyze and evaluate the production requirements of a play or musical.	Skills demonstration measured against a department standard.
		Upon successful completion of the courses leading to the Theatre Arts Stage Management Certificate, the student will be able to identify and contrast the various theatrical unions and how they relate to a theatrical production.	Skills demonstration measured against a department standard.
		Upon successful completion of the courses leading to the Theatre Arts Stage Management Certificate, the student will be able to identify and interpret common themes and purposes in producing a theatrical production.	Skills demonstration measured against a department standard.
		Upon successful completion of the courses leading to the Theatre Arts Stage Management Certificate, the student will be able to design, assemble and evaluate a theatrical play season.	Skills demonstration measured against a department standard.
		Upon successful completion of the courses leading to the Theatre Arts Stage Management Certificate, the student will be able to organize and create a prompt book relevant to a theatrical production.	Skills demonstration measured against a department standard.
THEA	Stage and Screen Combat Level 1 Certificate (Active)	Research, analyze, and apply historically martial techniques into safely repeatable actions that contribute to effective storytelling.	Through projects assigned in certificate coursework, assessed against a department standard.
		Apply and integrate analytical skills through written script analysis as well as written and verbal evaluation of peer performances and of other theatrical productions.	Through projects assigned in certificate coursework, assessed against a department standard.
		Demonstrate a working knowledge of terminology, stage/set etiquette, and safety.	Through written terminology exams, and practical application in the classroom, rehearsal halls, and

		Demonstrate the ability to work safely and effectively with multiple weapon disciplines both in rehearsal and performance on stage and in front of the camera.	Through projects assigned in certificate coursework, assessed against a department standard.
THEA	Technical Theatre Certificate (Active)	Differentiate and explain the different types of construction techniques used in building theatrical scenery.	Skills demonstration measured against a department standard.
		Identify, differentiate and evaluate the unique production aspects of proscenium, thrust, arena and black box configurations.	Skills demonstration measured against a department standard.
		Compare and interpret the different types of drawings that theatrical designers produce.	Skills demonstration measured against a department standard.
		Describe and explain technical theatre terminology.	Skills demonstration measured against a department standard.
		Identify tools, hardware and equipment associated with the implementation of the various technical theater components.	Skills demonstration measured against a department standard.
		Illustrate, evaluate and employ the correct, safe and efficient use of tools, hardware and equipment associated with the implementation of the various technical theater components.	Skills demonstration measured against a department standard.
THEA	Theatre Arts (Drama) Associate in Arts Degree (2019) (Active)	Measure and perform in a "learn by doing" environment.	Skills demonstration measured against a department standard.
		Compile and interpret a work ethic that exemplifies "know who you are and do it on purpose."	Skills demonstration measured against a department standard.
		Illustrate the confidence and skills to "do it right the first time."	Skills demonstration measured against a department standard.
		Examine and maintain a balance between creativity and critical judgment.	Skills demonstration measured against a department standard.
		Distinguish and relate effective time management, budget management, and production management skills.	Skills demonstration measured against a department standard.
		Determine and evaluate personal and career goals.	Skills demonstration measured against a department standard.
		Analyze and appraise the study and the making of theatre.	Skills demonstration measured against a department standard.

		Cooperate and participate with others in order to be supportive team players and effective leaders.	Skills demonstration measured against a department standard.
THEA	Theatre Arts Associate in Arts Degree for Transfer (Active)	Upon successful completion of the courses leading to the Theatre Arts Associate in Arts Degree for Transfer (AA-T), the student will be able to construct, recognize, and apply criteria for judging the effectiveness and success of a theatrical production.	Through projects assigned in Degree coursework, assessed against a department standard.
		Upon successful completion of the courses leading to the Theatre Arts Associate in Arts Degree for Transfer (AA-T), the student will be able to compare and contrast the job responsibilities of all theatrical personnel.	Through projects assigned in Degree coursework, assessed against a department standard.
		Upon successful completion of the courses leading to the Theatre Arts Associate in Arts Degree for Transfer (AA-T), the student will be able to demonstrate and employ a professional work ethic in both rehearsals and performances.	Through projects assigned in Degree coursework, assessed against a department standard.
		Upon successful completion of the courses leading to the Theatre Arts Associate in Arts Degree for Transfer (AA-T), the student will be able to demonstrate the ability to execute character based motivations, mannerisms, vocal and physical choices as directed.	Through projects assigned in Degree coursework, assessed against a department standard.
		Upon successful completion of the courses leading to the Theatre Arts Associate in Arts Degree for Transfer (AA-T), the student will be able to demonstrate the appropriate use of stage terminology.	Through projects assigned in Degree coursework, assessed against a department standard.
THEA	Theme Park Technician Certificate (Active)	Differentiate and explain the different types of drawings associated with maintenance and troubleshooting of the various theatrical systems.	Skills assessment based upon a department standard.
		Determine and formulate the correct method for repairing equipment associated with maintenance and troubleshooting of the various theatrical systems.	Skills assessment based upon a department standard.

		Illustrate, evaluate and employ the correct, safe and efficient use of tools, hardware and equipment associated with maintenance and troubleshooting of the various theatrical systems.	Skills assessment based upon a department standard.
WELD	Welding Technology Certificate (FY 2019) (Active)	Demonstrate one or more of the five core welding processes and applied relevant safety practices.	Tests, quizzes, class assignments, and/or projects assessed against a
		Demonstrate code compliant requirements for Welding.	Tests, quizzes, class assignments, and/or projects assessed against a