

<p>Total Active Programs: 220 Total Pending Programs: 113 Active Programs with SLOAs: 149 Pending Programs with SLOAs: 102 Active Percentage: 67.73% Pending Percentage: 90.27% Percentage of Active Programs with SLOAs After Pending Become Active : 77.74%</p>			
Discipline	Program Title (status)	Student Learning Outcomes	Assessment
ACCT	Accounting Associate in Science Degree (Launched)	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.
		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.
ACCT	Accounting Certificate (FY 2017) (Launched)	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.
		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.
ANTH	Anthropology Associate in Arts Degree for Transfer (Launched)	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.
		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 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.

ART	Art History/ Museum Studies Associate in Arts Degree (Launched)	Identify key sculptures and paintings by master artists from the Italian Renaissance; the Dutch and Planish Baroque; and the French Neoclassical period.	Common questions or problems embedded in a final
		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	Studio Arts Associate in Arts Degree for Transfer (Launched)	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 analyze and arrange visual components according to recognized design standards.	Project 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.
AUTO	Automotive Chassis Specialist Certificate (Launched)	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 Management Certificate (FY 2018) (Launched)	Identify and comply with automotive industry safety standards associated with an automotive repair facility.	Written Tests, quizzes, class assignments, and laboratory projects.
		Generate a vehicle repair order and compute the repair costs associated with the customers concern.	Written Tests, quizzes, class assignments, and laboratory projects.
		Demonstrate an understanding of automotive systems through meaningful discussion of vehicle malfunctions experienced by a customer.	Written Tests, quizzes, class assignments, and laboratory projects.
		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.
AUTO	Automotive Service Advisor Certificate (FY 2018) (Launched)	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.
		Explain the proper operation and malfunction of automotive systems in a clear and concise manner to customers.	Written tests, quizzes, class assignments, laboratory projects.
		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.
AUTO	Automotive Technology Associate in Science (Launched)	Identify and demonstrate proper documentation of automotive repairs.	Performance Tests, Written Tests, quizzes, class assignments, and laboratory projects assessed against a department standard.

		<p>Perform Inspection and diagnostic procedures needed to assess the following automotive systems:</p> <ul style="list-style-type: none"> • 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 department standard.
		<p>Identify and describe the components and their operation of the following automotive systems:</p> <ul style="list-style-type: none"> • 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 department standard.
AUTO	Automotive Technology Certificate (Launched)	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 laboratory projects.
		Conduct a wide range of vehicle repairs of the various automotive systems.	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.
		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 laboratory projects.
		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.
AUTO	Automotive: Emission Control Specialist Certificate (Launched)	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.
BIOL	Biology Associate in Arts Degree (Launched)	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 (Launched)	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
		Demonstrate safe and proficient use of laboratory equipment and techniques.	Skills demonstration or performance assessed against a department standard

BIOL	Biotechnology Biomanufacturing Technician Certificate (Launched)	Demonstrate safe and proficient handling of laboratory equipment and techniques for protein biochemistry.	Quizzes, hands-on skills tests and/or lab practicum.
		Demonstrate a basic understanding of the quality and regulatory compliance within the biotechnology industry.	Questions and problems on quizzes and exam.
BIOL	Biotechnology Lab Assistant Skills Certificate (Launched)	Demonstrate an understanding of the professions available in the biotechnology and molecular biosciences industry.	Outline the educational and training pathway for a biotechnology-related career.
		Demonstrate an understanding of laboratory safety regulations, recognize potential hazards, and practice safe and proficient use of laboratory equipment.	Quizzes and lab practicum.
		Demonstrate hands-on proficiency in basic molecular biology laboratory techniques.	Hands-on lab practicum skills tests.
		Demonstrate an understanding of basic molecular biology laboratory techniques.	Quizzes and final exam.
BIOL	Biotechnology Laboratory Technician Certificate (Launched)	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.
BUS	Business Administration Associate in Arts Degree (Launched)	Classify, record, and summarize financial transactions in journals and ledgers, manually and/or with computerized accounting software.	Assessed by department standard.
		Use a working vocabulary of business terminology.	Assessed by department standard.
		Identify basic computer concepts, terms and functions.	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.
BUS	Business Administration Associate in Science Degree for Transfer (Launched)	Use a working vocabulary of business terminology	Common questions or problems assessed against a department standard
		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 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 Associate in Science Degree (Launched)	Identify basic computer concepts, terms and functions.	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
		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
		Use a working vocabulary of business terminology.	Common questions or problems assessed against a department standard

BUS	Business Management Certificate (Launched)	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
		Identify basic computer concepts, terms and functions	Common questions or problems assessed against a department standard
		Use a working vocabulary of business terminology.	Common questions or problems assessed against a department standard
		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 and Technology Certificate (FY 2018) (Launched)	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
		Identify basic computer concepts, terms and functions.	Common questions or problems assessed against a department standard
		Use a working vocabulary of business terminology.	Common questions or problems assessed against a department standard
BUS	Business and Technology Skills Certificate (FY 2017) (Launched)	Use a working vocabulary of business terminology.	Common questions or problems assessed against a department standard
		Identify basic computer concepts, terms and functions.	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	Entrepreneurship Associate in Science Degree (Launched)	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 standard
		Create a basic business plan for a small business	Essay/writing assignment assessed against a department standard
BUS	Entrepreneurship Certificate (Launched)	Create a basic business plan for a small business.	Essay/writing assignment assessed against a department standard
		Utilize a working vocabulary of business terminology.	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	International Business Management Associate in Science Degree (Launched)	Utilize a working vocabulary of business terminology.	Common questions or problems assessed against a department standard
		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
BUS	International Business Skills Certificate (Launched)	Utilize a working vocabulary of business terminology.	Common questions or problems assessed against a department standard.
		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.
BUS	Marketing Management Associate in Science Degree	Utilize a working vocabulary of business terminology.	Common questions or problems assessed against a department standard

	(Launched)	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
		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 Certificate (Launched)	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 standard
BUS	Retail Management Certificate (Launched)	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.
		Identify basic computer concepts, terms, and functions.	Standardized tests.
CDES	Child and Adolescent Development Associate in Arts Degree for Transfer (Launched)	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 SOSC 120 F, MATH 120 F or MATH 120HF, PSY 161 F or PSY 161HF.
		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 Associate in Science Degree for Transfer (Launched)	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 child, family, school and community.
		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 multiple perspectives.
		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 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 data.
		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 create curriculum to meet the individual needs and interests of children.
CDES	Elementary Teacher Education Associate in Arts Degree for Transfer (FY 2014) (Launched)	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.
		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.
		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 data.
CDES	Elementary Teacher Education Associate in Arts Degree for Transfer (FY 2017) (Launched)	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.
		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.
		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 data.
CHEM	Chemistry Associate in Arts Degree (FY 2017) (Launched)	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 handling of chemicals and equipment. Lab practicum at the end of the semester.
		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 Examination will be administered by all sections and will be assessed based on section by faculty.
		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 notebook and/or laboratory skill.
CHEM	Chemistry Associate in Science Degree for Transfer (FY 2016) (Launched)	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 Examination will be administered by all sections and will be assessed based on section by faculty.
		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 handling of chemicals and equipment. Lab practical at the end of the semester.
		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 notebook and/or laboratory skill.

CHEM	Chemistry Associate in Science Degree for Transfer (FY 2017) (Launched)	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 notebook and/or laboratory skill.
		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 Examination will be administered by all sections and will be assessed based on section by faculty.
		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 handling of chemicals and equipment. Lab practical at the end of the semester.
CHEM	Industrial Laboratory Technician (Chemistry) Associate in Sciences Degree (Launched)		
CIS	Computer Information Systems Associate in Science Degree (FY 2017) (Launched)	Demonstrate knowledge of common Internet related technologies and software.	Course Level SLOs used to assess PSLOs: CIS 152 SLO1, 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 SLO1, BUS 211 SLO1
		Demonstrate proficiency in one or more common Business Software programs.	Course-Level SLOs Used to Assess PSLOs: CIS 100 SLO1 CIS 111 SLO2
		Demonstrate an understanding of common computer technology related terms.	Course level SLOs used to assess PSLOs: CIS 111 SLO1
CIS	Computer Information Systems Associate in Science Degree (FY 2018) (Launched)	Demonstrate the ability to be effective communicators using common Business communication tools.	Course Level SLOs used to assess PSLOs: CIS 100 SLO3, BUS 111 SLO1, BUS 211 SLO1
		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 SLO2
		Demonstrate knowledge of common Internet related technologies and software.	Course Level SLOs used to assess PSLOs: CIS 152 SLO1, CIS 111 SLO1
CIS	Computer Information Systems Certificate (FY 2017) (Launched)	Demonstrate knowledge of common Internet related technologies and software.	Course level SLOs used to assess PSLOs: CIS 152 SLO1, 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 SLO2
		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 SLO1, BUS 211 SLO1
CIS	Computer Information Systems Certificate (FY 2018) (Launched)	Demonstrate proficiency in one or more common Business Software programs.	Course level SLOs used to assess PSLOs: CIS 100 SLO1, CIS 111 SLO2
		Demonstrate knowledge of common Internet related technologies and software.	Course level SLOs used to assess PSLOs: CIS 152 SLO1, 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 SLO1, BUS 211 SLO1
		Demonstrate an understanding of common computer technology related terms.	Course level SLOs used to assess PSLOs: CIS 111 SLO1
CIS	Computer Technician Analyst Certificate (Launched)	Explain basic troubleshooting processes and procedures from initial diagnosis to final documentation and reporting.	Common questions or problems assessed against a department standard.
		Use a working vocabulary of networking and operating systems terminology.	Common questions or problems assessed against a department standard.

		Identify, install, and troubleshoot computer and network hardware components.	Common questions or problems assessed against a department standard.
CIS	Computer Technician Apprentice Skills Certificate (Launched)	Evaluate the computer network needs of an organization.	Common questions or problems assessed against a department standard.
		Operate, install, manage, and troubleshoot major server operating systems.	Common questions or problems assessed against a department standard.
		Use a working vocabulary of networking and operating systems terminology.	Common questions or problems assessed against a department standard.
CIS	Cyber Security Analyst Certificate (Launched)	Measure the performance of security systems within an enterprise level information system.	Common questions or problems assessed against a department standard.
		Use a working vocabulary of cyber-security terminology.	Common questions or problems assessed against a department standard.
		Formulate, update and communicate short- and long-term organizational cybersecurity strategies and policies.	Common questions or problems assessed against a department standard.
CIS	Cyber Security Master Certificate (Launched)	Assess and implement continuous network monitoring and provide real-time security solutions.	Common questions or problems assessed against a department standard.
		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.
		Use a working vocabulary of cyber-security terminology.	Common questions or problems assessed against a department standard.
CIS	Cyber Security Technician Certificate (Launched)	Use a working vocabulary of cyber-security terminology.	Common questions or problems assessed against a department standard.
		Assess, troubleshoot, maintain and update an enterprise level information security system.	Common questions or problems assessed against a department standard.
		Evaluate the computer network and information security needs of an organization.	Common questions or problems assessed against a department standard.
CIS	Networking Certificate (Launched)	Demonstrate knowledge of common Internet related technologies and software.	Course level SLOs used to assess PSLOs: CIS 152 SLO1, 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 SLO1, BUS 211 SLO1
		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 SLO2
CIS	Office Applications Apprentice Certificate (Launched)	Demonstrate the ability to be effective communicators using common Business communication tools.	Course level SLOs used to assess PSLOs: CIS 100 SLO3, BUS 111 SLO1, BUS 211 SLO1
		Demonstrate knowledge of common Internet related technologies and software.	Course level SLOs used to assess PSLOs: CIS 152 SLO1, CIS 111 SLO1
		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 SLO2
CIS	Office Applications Technician Certificate (Launched)	Demonstrate proficiency in one or more common Business Software programs.	Common questions or problems assessed against a department standard.
		Demonstrate an understanding of common computer technology related terms.	Common questions or problems assessed against a department standard
		Demonstrate the ability to be effective communicators using common Business communication tools.	Common questions or problems assessed against a department standard.
		Demonstrate knowledge of common Internet related technologies and software.	Common questions or problems assessed against a department standard.
CIS	Programming Certificate (Launched)	Demonstrate knowledge of common Internet related technologies and software.	Course level SLOs used to assess PSLOs: CIS 152 SLO1, 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 SLO1, BUS 211 SLO1
		Demonstrate proficiency in one or more common business software programs.	Course level SLOs used to assess PSLOs: CIS 100 SLO1, CIS 111 SLO2
		Demonstrate an understanding of common computer technology related terms.	Course level SLOs used to assess PSLOs: CIS 111 SLO1
CIS	Web Design Certificate (Launched)	Demonstrate proficiency in one or more common Business Software programs.	Course level SLOs used to assess PSLOs.
		Demonstrate the ability to be effective communicators using common Business communication tools.	Course level SLOs used to assess PSLOs.
		Demonstrate an understanding of common computer technology related terms.	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 (Launched)	Demonstrate proficiency in one or more common 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.
		Demonstrate ability to create a website using Business/Web Design Software programs.	Department standard and/or web design projects.
CISG	Computer Game Design Certificate (Launched)	Plan and implement game mechanics in a script-based game prototyping language.	Writing assignment, project, demonstration, presentation, portfolio, or other course-specific method.
		Create an effective game analysis document.	Writing assignment, project, demonstration, presentation, portfolio, or other course-specific method.
		Create a basic game design document.	Writing assignment, project, demonstration, presentation, portfolio, or other course-specific method.
CISG	Computer Game Programming Skills Certificate (Launched)	Create a basic game that manipulates and manages game resources such as graphics, sound, and video.	Writing assignment, project, demonstration, presentation, portfolio, or other course-specific method.
		Create a basic game that implements a defined set of game mechanics.	Writing assignment, project, demonstration, presentation, portfolio, or other course-specific method.
		Plan the major programming components of a typical computer game.	Writing assignment, project, demonstration, presentation, portfolio, or other course-specific method.
COMM	Communication Studies Associate in Arts Degree (FY 2017) (Launched)	Criticize and evaluate a variety of public discourse.	Speech or presentation assessed upon a department standard
		Analyze, construct, and deliver speeches on contemporary sociopolitical issues.	Speech or presentation assessed upon a department standard
COMM	Communication Studies Associate in Arts Degree (FY 2018) (Launched)	Analyze, construct, and deliver speeches on contemporary sociopolitical issues.	Speech or presentation assessed upon a department standard
		Criticize and evaluate a variety of public discourse.	Speech or presentation assessed upon a department standard
COMM	Communication Studies Associate in Arts Degree for Transfer (FY 2017) (Launched)	Analyze, construct, and deliver speeches on contemporary socio-political issues.	Speech or presentation against a department standard. Essay/writing assignment assessed against a department standard.
		Criticize and evaluate a variety of public discourse.	Speech or presentation against a department standard. Essay/writing assignment assessed against a department standard.

COMM	Communication Studies Associate in Arts Degree for Transfer (FY 2018) (Launched)	Criticize and evaluate a variety of public discourse.	Speech or presentation against a department standard. Essay/writing assignment assessed against a department standard.
		Analyze, construct, and deliver speeches on contemporary socio-political issues.	Speech or presentation against a department standard. Essay/writing assignment assessed against a department standard.
COSM	Cosmetology Associate in Science Degree (Launched)	Create, organize, and produce a professional job resume.	Instructor will evaluate the accuracy of information, and organization of the student's resume creation.
		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 Cosmetology Rules and Regulations and Cosmetology Acts.
COSM	Cosmetology Certificate (Launched)	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 measures.
		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 application of the product.
COSM	Cosmetology Instructor Associate in Science Degree (FY 2018) (Launched)	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.
		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 rubric.
COSM	Esthetician Certificate (Launched)	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 on California Board of Barbering and Cosmetology written and practical examination.
		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 on California Board of Barbering and Cosmetology written and practical examination.
COUN	California State University General Education (CSU GE Breadth) Certificate of Achievement (FY 2016) (Launched)	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 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 course-specific method.
		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.
		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 course-specific method.
		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 course-specific method.

COUN	Intersegmental General Education Transfer Curriculum (IGETC) Certificate of Achievement (2016) (Launched)	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 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 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.
		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 course-specific method.
CRTV	Film, Television, and Electronic Media Associate in Science Degree for Transfer (Launched)	Compose written copy for radio, TV, film or the Internet.	Through evaluation of written example 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.
		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 (Launched)	Upon successful completion of courses in the Radio Program for the Radio Broadcast News Associate of Arts Degree, the student will be able to 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 reviewed including alignment with ISLO'S. Validation/certification will be recorded and documented in the minutes of the advisory committee meeting.
CRTV	Radio Broadcast News Certificate (Launched)	Upon successful completion of the Radio Broadcast News Certificate, the student will be prepared to 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 continue to emphasize broadcast news announcing and production skills as key for entry-level broadcasters.
CRTV	Radio Broadcasting Associate in Arts Degree (Launched)	Upon successful completion of the courses in the Radio Broadcasting Associate of Arts program, students will be able to compose a professional demo as part of a broadcast entity.	Edited digital audio file suitable for voice-over auditions
		Upon successful completion of the courses in the Radio Broadcasting Associate of Arts program, students will be able to compose an employment package.	Digital audio track, resume and cover letter.
CRTV	Sports Broadcasting Certificate (Launched)	Upon successful completion of courses leading to the Sports Broadcasting Certificate, the student will be prepared to 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 the form of a sports demo produced by the student to obtain entry-level employment.
CRTV	Television and Film Associate in Arts Degree (Launched)	Compose written copy for radio, TV, film or the Internet.	Through written examination assessed at the course level.
		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.
CRTV	Television and Film Production Certificate (Launched)	Produce a television/video production from concept to completion using industry standard equipment.	Production
		Compose written copy for television or film using proper industry format.	Written Example
		Identify key factors pertaining to the business operations of the television and film industries.	Exam
CSCI	Computer Science Associate in Science Degree (Launched)	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 projects
CSTR	Construction Inspection Certificate (FY 2018) (Launched)	Select a specific code application.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
		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.
		Identify building occupancies.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
DART	Digital Publication Certificate (Launched)	Apply the terminology of computer graphics to communications within the field of digital media.	Through observation of skills demonstration assessed at the course level.
		Demonstrate basic use of computer graphics software and hardware.	Through observation of skills demonstration assessed at the course level.
		Create a new document incorporating text and images, using page layout software.	Through projects or portfolios of student work assessed at the course level.
		Evaluate digital media tools for their suitability to different areas of visual communications.	Through observation of skills demonstration assessed at the course level.
		Develop digital artwork that clearly illustrates the student's solutions.	Through projects or portfolios of student work assessed at the course level.
		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.
DART	Entertainment Arts Certificate (Launched)	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.
		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 production books.
DRAF	Industrial Drafting Associate in Science Degree	Describe information contained on blueprints including symbols and title block features.	Assignments and exam.

	(Launched)	Communicate technical ideas through modeling and creation of technical drawings that fully describe a design idea.	Assignments and Exam
DRAF	Industrial Drafting — Level I Certificate (Launched)	Demonstrate proper use of a printer/plotter to produce hard copy output of drawing to scale.	Assignments and exam.
		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.
DRAF	Industrial Drafting — Level II Certificate (Launched)	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 2017) (Launched)	Utilize the supply/demand model to analyze and evaluate individual market outcomes.	pending
		Utilize the aggregate demand/aggregate supply model to predict likely changes in the overall macro economy.	pending
ECON	Economics Associate in Arts Degree for Transfer (Launched)	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 other writing assignment assessed against a department standard; and/or research paper assessed against a department standard.
		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 other writing assignment assessed against a department standard; and/or research paper assessed against a department standard.
ENGR	Engineering Associate in Science Degree (FY 2017) (Launched)	Apply knowledge of mathematics, science, and engineering.	Exams
		Use the techniques, skills, and modern engineering tools necessary for engineering practice.	Exams, Lab reports
		Identify, formulate, and solve engineering problems.	Exams
		Design and conduct experiments, as well as to analyze and interpret data.	Lab reports
ESC	Astronomy Associate in Arts Degree (Launched)	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
ETHS	Chicana/o Studies Associate in Arts Degree (Launched)	Summarize the key terminology, theoretical orientations, principles and methods used in the field of Chicana/o Studies.	Assessed at the course level in ETHS 150 F.
		Identify the cultural, political and socioeconomic heterogeneity that exists within and between Latina/o communities.	Assessed at the course level in ETHS 153 F.
		Identify and explain historical trends and common themes in Chicana/o history from the Mesoamerican era to the present.	Assessed at the course level in ETHS 151 F and 152 F.

ETHS	Ethnic Studies Associate in Arts Degree (Launched)	Construct a coherent and well-informed viewpoint about contemporary issues affecting ethnic and racial minorities in the U.S. using a variety of sources including academic sources, government reports, multimedia and anecdotal evidence.	Assessed at the course level in ETHS 101 F.
		Outline and compare the historical and contemporary experiences of various racialized groups in the U.S.	Assessed at the course level in ETHS 101F, 130 F, 151 F, 152 F, 160 F and 170F.
		Describe and apply relevant terminology and theoretical concepts used in the field of Ethnic Studies.	Assessed at the course level in ETHS 101 F.
FASH	Advanced Fashion Design Certificate (FY 2017) (Launched)	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.
		Create a fashion trend booklet on one fashion category.	Projects and written tests.
FASH	Advanced Fashion Design Certificate (FY 2018) (Launched)	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 (Launched)	Create a garment from fitting a muslin on an individual missy body.	The successful student will be able to construct a muslin on an individual missy body.
		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 commercial pattern as their project.
FASH	Fashion Illustration Certificate (Launched)	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 2018) (Launched)	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 (Launched)	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 Skills Certificate (Launched)	Create a 5 piece outfit with 5 different patterns on the computer.	Project
		Create a 10 page technical package for an apparel line.	Project
FASH	Patternmaker Certificate (FY 2016) (Launched)	Produce graded “nests” to industry specifications.	The successful student will be able to produce/demonstrate a graded nest of a front bodice project.
		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 fashion design industry.

FASH	Product Development for Apparel Industries Certificate (Launched)	Evaluate the construction of Junior and Women's moderate market apparel.	Instructor will evaluate student's knowledge through a written stitches and seams semester project.
		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
GEOG	Geography Associate in Arts Degree (FY 2016) (Launched)	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.
		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.
		Define, describe and evaluate the uneven and unequal geographical outcomes of society and nature interrelationships.	Assessed at the course level.
GEOG	Geography Associate in Arts Degree for Transfer (Launched)	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.
		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.
GEOL	Geology Associate in Science Degree (Launched)		
GEOL	Geology Associate in Science Degree for Transfer (Launched)	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.
HIST	History Associate in Arts Degree (FY 2017) (Launched)	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.
		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 for Transfer (FY 2015) (Launched)	Upon successful completion of courses leading to the History Associate in Arts Degree for Transfer, the student will be able to identify an author's thesis or main idea in a historical work.	Assessed at the course level.
		Upon successful completion of courses leading to the History Associate in Arts Degree for Transfer, the student will be able to investigate historical problems and issues by consulting primary and secondary sources.	Assessed at the course level.
		Upon successful completion of courses leading to the History Associate in Arts Degree for Transfer, the student will be able to 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 for Transfer (FY 2017) (Launched)	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.
INDS	Interdisciplinary Studies: Emphasis in Arts and Human Expression Associate in Arts Degree (FY 2017) (Launched)		
INDS	Interdisciplinary Studies: Emphasis in Science and Mathematics Associate in Arts Degree (FY 2017) (Launched)		
INDS	Interdisciplinary Studies: Emphasis in Social Behavior and Self-Development Associate in Arts (FY 2017) (Launched)		
INDS	Interdisciplinary Studies: Emphasis in Social Sciences Associate in Arts Degree (FY 2017) (Launched)		
JOUR	Advertising Certificate (Launched)		
JOUR	Spanish Language Media Certificate (FY 2017) (Launched)	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 Skills Certificate (Launched)	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 department standard.
MACH	Computer Numerical Control (CNC) Certificate (Launched)	Prepare computer numerical control programs for CNC turning and milling machines.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
		Select the appropriate measuring tools to evaluate machined parts to blueprint specifications.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
MACH	Machine Technology Level I Certificate (Launched)	Solve mathematical calculations necessary for machining processes.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
		Determine appropriate measuring tools to evaluate machine parts to Blueprint specifications.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
MACH	Machine Technology Level II Certificate (Launched)	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 department standard.

MACH	Manufacturing Technology Associate in Science Degree (Launched)	Develop manufacturing procedure(s) for metal sub-assemblies.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
		Demonstrate welding on 16 gauge steel with inert gas welding equipment.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
MACH	Mastercam Skills Certificate (Launched)	Organize and construct geometry of 3D model parts for machining operations.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
		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 department standard.
		Prepare numerical control programs for CNC machine tools.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
MACH	Metrology Certificate (Launched)	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 department standard.
		Complete a simple Inspection Report utilizing basic measurement tools and drawings.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
		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 department standard.
		Employ basic and automated measurement tools to perform inspections.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
MACH	Metrology Mini Skills Certificate (Launched)	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 department standard.
		Employ basic measurement tools to perform inspections.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
MACH	Surfcam Skills Certificate (Launched)	Organize and construct geometry of three dimensional parts for machining operations.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
		Prepare numerically controlled programs for computer numerical machine tools.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.
		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 department standard.
MACH	Swiss Lathe Certificate (Launched)	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.
		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 department standard.
MATH	Mathematics Associate in Science Degree (Launched)	Determine and use an appropriate method to solve a mathematical problem.	Exam questions
		Analyze a mathematical function.	Exam questions
MATH	Mathematics Associate in Science Degree for Transfer (FY 2017) (Launched)	Determine and use an appropriate method to solve a mathematical problem.	Exam questions
		Analyze a mathematical function.	Exam questions
MUS	Music Associate in Arts Degree (Launched)	Upon successful completion of courses leading to the Music Associate in Arts Degree, 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 Music Associate in Arts Degree, 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 Music Associate in Arts Degree, 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
		Upon successful completion of courses leading to the Music Associate in Arts Degree, 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
NUTR	Nutrition and Foods Associate in Arts Degree (Launched)	Apply nutritional concepts in the planning of meals and the preparation of food.	Exams and quizzes, laboratory worksheets, practicum.
		Demonstrate an understanding of how the scientific method is used to evaluate diet and foods.	Assessment: Exams and quizzes, laboratory worksheets, practicum.
NUTR	Nutrition and Foods Skills Certificate (Launched)	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 passing grade.
		Differentiate between proper and improper food safety and sanitation techniques.	Completion of Food Safety and Sanitation (FOOD 110 F) with a passing grade.
		Explain nutrient needs and how diet and lifestyle choices impact health.	Completion of Human Nutrition (NUTR 210 F) with a passing grade.
OT	Legal Office Administration Associate in Science Degree (Launched)		
PE	Aquatic Specialist Certificate (Launched)	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 (Launched)	Formulate a full season plan of practice for the students in their respective sport.	Final Interview to conclude the completion of the certificate
		Express a philosophy of coaching that contributes to the personal maturity and development of the students.	Final interview to conclude the completion of the certificate
PE	Kinesiology Associate in Arts Degree for Transfer (FY 2014) (Launched)	Upon successful completion of courses leading to the Associate in Arts Degree in Kinesiology for Transfer, the student will be able to 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 function under conditions of exercise stress.
PE	Kinesiology Associate in Arts Degree for Transfer (FY 2017) (Launched)	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 function under conditions of exercise stress.
PE	Personal Trainer Certificate (Launched)	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 assessment and apply an individual workout routine.
		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 of their core areas of the body.
PE	Physical Education — Fitness Associate in Science Degree (Launched)	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 extremities and lower extremities perform CPR).

		Design their own exercise program.	Students will be able to define four body areas of fitness and incorporate them into a workout program.
		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.
PE	Pilates Certificate (FY 2017) (Launched)	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.
		Identify and break down safe practices that relate to Pilates exercises.	Written and practical testing of students' ability to understand principles, modifications and exercise progression.
PE	Yoga Teacher Skills Certificate (Launched)	Identify and determine safe practices related to Yoga postures.	Written and practical testing of students' ability to understand postures, modifications and exercise progression.
		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.
PHYS	Physics Associate in Science Degree for Transfer (Launched)	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 algebra, trigonometry, and calculus. Assessed at the course level.
		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 the measured and expected results are consistent. Assessed at the course level.
PLEG	Bankruptcy Specialization Certificate (Launched)	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.
PLEG	Corporate Law/Business Litigation/Workers' Comp Specialization Certificate (Launched)	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.
PLEG	Criminal Law Specialization Certificate (Launched)	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.
		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.

PLEG	Family Law/Estate Planning Specialization Certificate (Launched)	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.
		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 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.
PLEG	Independent/Freelance Paralegal Specialization Certificate (Launched)	Perform substantive legal work as an independent contractor in any legal environment in any state in the United States.	Assessed by written exam or other department standard.
		Identify marketing functions (product development, pricing, promotion, and distribution) and how sellers of legal services utilize these to generate contacts and solicit business that satisfy the needs and wants of attorneys and law firms.	Assessed by written essay or other department standard.
		Create a business plan for marketing paralegal services to individual lawyers and law firms.	Assessed by written project or other department standard.
PLEG	Law School Track (1st year Prep) Specialization Certificate (Launched)	Develop, sustain, and communicate coherent written and oral arguments and analyses regarding legal issues based on appropriate empirical and/or theoretical evidence and logic.	Assessed by written exam or other department standard.
		Analyze and critically evaluate arguments about legal theories, practices, and institutions based on logic and evidence, and from a variety of interdisciplinary perspectives.	Assessed by written essay or other department standard.
		Formulate, assess and evaluate legal arguments for and against situational propositions to be advanced in courts and hearings.	Assessed by written exam or other department standard.
PLEG	Paralegal Studies Associate in Science Degree (Launched)	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.
		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.
		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.
PLEG	Paralegal Studies Associate in Science Degree (FY 2018) (Launched)	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 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.
		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.
		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.

PLEG	Paralegal Studies Certificate (FY 2017) (Launched)	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.
		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 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.
		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.
PLEG	Paralegal Studies Certificate (FY 2018) (Launched)	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.
		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.
		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 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.
		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.
PLEG	Personal Injury/Civil Litigation Specialization Certificate (Launched)	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 sensitivity through adaptability and flexibility in working with a diverse group of people from a variety of socioeconomic levels.	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.
PLEG	Real Estate Law Specialization Certificate (Launched)	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.
		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.
PLEG	Transactional Law Specialization Certificate (Launched)	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.
POSC	Political Science Associate in Arts Degree (FY 2017) (Launched)	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.

		<p>Describe the major theories and philosophical principles that were applied to establish the American political system, e.g., federalism, confederation, and states' rights.</p>	Assessed at the course level.
		<p>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 “idealistic school.”</p>	Assessed at the course level.
		<p>Differentiate among the different forms of government, i.e., parliamentary, federalism, one-party rule.</p>	Assessed at the course level.
POSC	Political Science Associate in Arts Degree for Transfer (Launched)	<p>Describe the major theories and philosophical principles that were applied to establish the American political system, e.g., federalism, confederation, and states' rights.</p>	Assessed at the course level.
		<p>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 “idealistic school.”</p>	Assessed at the course level.
		<p>Differentiate among the different forms of government, i.e., parliamentary, federalism, one-party rule.</p>	Assessed at the course level.
		<p>Identify some of the theories and philosophical principles that were used to establish political systems, i.e., liberalism, conservatism, fascism, communism.</p>	Assessed at the course level.
PRNT	Advanced Sheetfed Offset Presswork Certificate (FY 2017) (Launched)	<p>Produce offset lithographic plates used for multi-color printing on a sheetfed offset press.</p>	Skills demonstration
		<p>Produce multi-color offset lithographic prints at industry standards using single and multi-color presses.</p>	Skills demonstration
PRNT	Advanced Sheetfed Offset Presswork Certificate (FY 2018) (Launched)	<p>Produce offset lithographic plates used for multi-color printing on a sheetfed offset press.</p>	Create offset lithographic plates used for multi-color printing on a sheetfed offset press.
		<p>Produce multi-color offset lithographic prints at industry standards using single and multi-color presses.</p>	Create multi-color offset lithographic prints at industry standards using single and multi-color presses.
PRNT	Customer Service Training Skills Certificate (Launched)		
PRNT	Digital/In-Plant Graphics Certificate (FY 2018) (Launched)	<p>Create a multi-color digital printing sample produced at industry standards using a digital printing system.</p>	Create a single-color offset printing sample produced at industry standards using a digital printing system.
PRNT	Electronic Imaging Certificate (FY 2017) (Launched)	<p>Use application software to create, edit and analyze electronic files for print output.</p>	By producing computer files in Adobe InDesign, Illustrator, Photoshop and Acrobat for output to various devices including color laser printers and printing plates.
		<p>Demonstrate basic use of computer graphics software and hardware, and be able to demonstrate basic imposition and color correction techniques.</p>	By producing various projects that include color correction and page layout techniques.
PRNT	Electronic Imaging Certificate (FY 2018) (Launched)	<p>Create, edit and analyze electronic files for print output using application software.</p>	Produce electronic files for print output using application software.
		<p>Demonstrate basic use of computer graphics software and hardware, and be able to demonstrate basic imposition and color correction techniques.</p>	Perform basic use of computer graphics software and hardware, including basic imposition and color correction techniques.
PRNT	Flexography Skills Certificate (Launched)	<p>Create a multi-color label produced at industry color and quality standards.</p>	Produce a multi-color label printed to industry standards using a multi-color flexographic printing press.

		Demonstrate basic use of computer software and hardware used to produce flexographic printing plates.	The student will pass the Flexographic Technical Association Level One certification exam.
PRNT	Graphic Communications Skills Certificate (Launched)		
PRNT	Offset Duplicator Training Skills Certificate (Launched)		
PRNT	Packaging Production Skills Certificate (Launched)	Produce a full color package prototype.	Create a prototype of a package using CAD to draw the dieline. Design the graphics to fit the package. Print the design digitally, and cut out the package die using a plotting CAD table.
		Design a custom package to fit a product using CAD software.	Create a CAD drawing of packaging to fit a product to industry standards.
PRNT	Printing Technology (General) Certificate (Launched)	Produce a offset printing plate produced to industry standards.	Produce an offset printing plate using CTP (computer to plate) software.
		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 defects.
PRNT	Printing Technology Associate in Science Degree (FY 2017) (Launched)	Identify various printing defects from printed samples.	Skills demonstration
		Create a multi-color printing sample using three different printing processes produced at industry standards.	Skills demonstration
PRNT	Printing Technology Associate in Science Degree (FY 2018) (Launched)	Create a multi-color printing sample using three different printing processes produced at industry standards.	Identify various printing defects from printed samples.
		Produce a multi-up imposition and print it to industry standards.	Create an imposition layout using industry graphics software and output it for printing.
PRNT	Quick Print/In-Plant Graphics Certificate (FY 2017) (Launched)	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 2017) (Launched)	Apply terminology of screen printing and produce various single and multi-color prints at industry standards using a screen printing press.	Skills demonstration
		Create a multi-color screen printing sample produced at industry standards using a screen printing press.	Skills demonstration
PRNT	Screen Printing Certificate (FY 2018) (Launched)	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 standards using a screen printing press.
		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.
PSY	Psychology Associate in Arts Degree for Transfer (Launched)	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 (Launched)	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 standard.
		Demonstrate proficiency of the basic principles of California real estate.	Common questions or problems assessed against a department standard.
RE	Real Estate Management Certificate (Launched)	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 standard.
		Demonstrate proficiency of the basic principles of California real estate.	Common questions or problems assessed against a department standard.
RE	Real Estate Sales Certificate (Launched)	Demonstrate proficiency of the basic principles of California real estate.	Common questions or problems assessed against a department standard
		Use a working vocabulary of real estate terminology.	Common questions or problems assessed against a department standard
RE	Real Estate Sales Skills Certificate (Launched)	Demonstrate proficiency of the basic principles of California Real Estate.	assessed by a department standard.
		Use a working vocabulary of the business/real estate industry.	assessed by a department standard.
REC	Outdoor Recreation and Safety Skills Certificate (Launched)		
SOC	Sociology Associate in Arts Degree (FY 2016) (Launched)	Demonstrate a reasonable knowledge of current social problems, including the ability to describe their effects on individuals as well as society at large.	Assessed at the course level.
		Differentiate between the major sociological theoretical perspectives - structural functionalism (functionalist), social conflict (conflict) and symbolic interactionism (interactionist).	Assessed at the course level.
		Define the "sociological imagination" and identify how the discipline of sociology is relevant to the study of contemporary society.	Assessed at the course level.
		Demonstrate how the scientific method is used in the field of sociology, as well as demonstrate reasonable knowledge of descriptive and inferential statistics.	Assessed at the course level.
SOC	Sociology Associate in Arts Degree for Transfer (FY 2013) (Launched)	Upon successful completion of courses leading to the Sociology Associate in Arts Degree for Transfer, students will be able to identify the steps in the research process and how the scientific method is used in the field of sociology, as well as demonstrate reasonable knowledge of descriptive and inferential statistics.	Student learning outcome will be assessed at the course level.
		Upon successful completion of courses leading to the Sociology Associate in Arts Degree for Transfer, students will be able to differentiate between the major sociological theoretical perspectives - structural functionalism (functionalist), social conflict (conflict) and symbolic interactionism (interactionist).	Student learning outcome will be assessed at the course level.

		Upon successful completion of courses leading to the Sociology Associate in Arts Degree for Transfer, students will be able to demonstrate a reasonable knowledge of current social problems, including the ability to describe their effects on individuals as well as society at large.	Student learning outcome will be assessed at the course level.
		Upon successful completion of courses leading to the Sociology Associate in Arts Degree for Transfer, students will be able to define the "sociological imagination" and identify how the discipline of sociology is relevant to the study of contemporary society.	Student learning outcome will be assessed at the course level.
SOC	Sociology Associate in Arts Degree for Transfer (FY 2014) (Launched)	Upon successful completion of courses leading to the Sociology Associate in Arts Degree for Transfer, students will 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 and/or SOSC 125, Research Methods), via common multiple-choice or other objective questions embedded in an exam or as a stand-alone assessment; and/or essay or other writing assignment assessed against a department standard; and/or research paper assessed against a department standard.
		Upon successful completion of courses leading to the Sociology Associate in Arts Degree for Transfer, students will be able to 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 embedded in an exam or as a stand-alone assessment; and/or essay or other writing assignment assessed against a department standard; and/or research paper assessed against a department standard.
		Upon successful completion of courses leading to the Sociology Associate in Arts Degree for Transfer, students will be able to 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 objective questions embedded in an exam or as a stand-alone assessment; and/or essay or other writing assignment assessed against a department standard; and/or research paper assessed against a department standard.
		Upon successful completion of courses leading to the Sociology Associate in Arts Degree for Transfer, students will be able to 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 objective questions embedded in an exam or as a stand-alone assessment; and/or essay or other writing assignment assessed against a department standard; and/or research paper assessed against a department standard.
SOSC	Global Studies Associate in Arts Degree (Launched)	Upon successful completion of courses leading to the Global Studies Associate in Arts Degree, students will be able to identify, discuss, compare, and contrast market failures to provide efficient outcomes in product, factor, and financial markets with similar failures of government agencies to provide efficient outcomes through regulation.	Derived from course-level student learning outcome assessments of ECON 102 F, Principles of Economics - Macro.
		Upon successful completion of courses leading to the Global Studies Associate in Arts Degree, students will be able to distinguish and explain integral relationships between people and places.	Derived from course-level student learning outcome assessments of GEOG 100 F: Global Geography.

		Upon successful completion of courses leading to the Global Studies Associate in Arts Degree, students will be able to identify and explain the differences between an argument and an explanation.	Derived from course-level student learning outcome assessments of PHIL 170 F, Logic and Critical Thinking.
		Upon successful completion of courses leading to the Global Studies Associate in Arts Degree, students will be able to identify the major chronology of people, places, and events of U.S. History since 1877.	Derived from course-level student learning outcome assessments of HIST 171 F, History of the United States II.
		Upon successful completion of courses leading to the Global Studies Associate in Arts Degree, students will critically analyze current societal-level problems impacting various nations, including the United States.	Derived from course-level student learning outcome assessments of SOC 102 F: Social Problems.
		Upon successful completion of courses leading to the Global Studies Associate in Arts Degree, students will be able to describe and analyze the theories and philosophical principles that are applied to foreign policy, including balance-of-power, deterrence, realist versus utopian schools, and globalization.	Derived from course-level student learning outcome assessments of POSC 230 F: Introduction to International Relations.
		Upon successful completion of courses leading to the Global Studies Associate in Arts Degree, students will compare and contrast at least two ethical and/or political theories.	Derived from course-level student learning outcome assessments of PHIL 100 F: Introduction to Philosophy.
		Upon successful completion of courses leading to the Global Studies Associate in Arts Degree, students will be able to identify and compare and contrast key social, political, economic, artistic, and religious/philosophical aspects and figures of the main cultures of the course.	Derived from course-level student learning outcome assessments of HIST 113 F: World Civilizations II.
SOSC	Research Fundamentals Skills Certificate (Launched)	Construct a testable hypothesis and examine it using appropriate research methodologies.	Assessed at the course level.
SOSC	Social Justice Studies Associate in Arts Degree for Transfer (Launched)	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 essay or other writing assignment; and/or research paper.
		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 essay or other writing assignment; and/or research paper.
		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 essay or other writing assignment; and/or research paper.
		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 essay or other writing assignment; and/or research paper.
SOSC	Volunteer Services Skills Certificate (Launched)	Explain the importance of volunteering in the community from a behavioral sciences perspective.	Assessed at the course level.
SPCH	Speech Associate in Arts Degree (Launched)		
TECH	Industrial Technology Associate in Science Degree (Launched)	Apply theories and principles to solve technical and management problems.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.

		<p>Describe occupations typically found in each industry/technical area such as: Manufacturing; Automotive; Photography; Construction; Welding; Printing; and Drafting.</p> <p>Select and use computer applications software.</p> <p>Apply good written and oral communication and presentation skills.</p> <p>Collect, analyze and interpret data to analyze and solve problems.</p> <p>Design, test and analyze a system or process to meet desired needs.</p>	<p>Tests, quizzes, class assignments, and/or projects assessed against a department standard.</p> <p>Tests, quizzes, class assignments, and/or projects assessed against a department standard.</p> <p>Tests, quizzes, class assignments, and/or projects assessed against a department standard.</p> <p>Tests, quizzes, class assignments, and/or projects assessed against a department standard.</p> <p>Tests, quizzes, class assignments, and/or projects assessed against a department standard.</p>
THEA	Costume Cutter/Draper Certificate (FY 2018) (Launched)	<p>Create a custom muslin/toile for an actor.</p> <p>Create a historical pattern based upon the costume designer's sketch and the actor's measurements.</p> <p>Adapt a commercial pattern to match a designer's costume sketch.</p> <p>Analyze a costume design sketch/rendering to determine its patterning needs.</p> <p>Pattern a basic muslin/toile per the measurements of an actor.</p>	<p>Practical demonstration of the student's ability to create and fit custom muslins for both female and male actors.</p> <p>Practical demonstration of the student's ability to create a historical pattern based upon the costume designer's sketch and the actor's measurements.</p> <p>Assessment: Practical demonstration of the student's ability to adapt a commercial pattern as per a designer's sketch.</p> <p>Practical demonstration of the student's ability to determine a costume design's patterning needs.</p> <p>Practical demonstration of the student's ability to pattern a basic muslin/toile for both a female and a male actor.</p>
THEA	Costume Stitcher Certificate (FY 2018) (Launched)	<p>Analyze if and how a garment can be altered to meet the needs of an actor.</p> <p>Create historical corsets and underpinnings.</p> <p>Construct a period costume using a custom pattern with no written instructions.</p> <p>Construct a complete garment from a historical time period using a commercial pattern.</p> <p>Demonstrate the application of theatrical closures including hook and eye tape, zippers and machine button holes.</p>	<p>Practical demonstration of the student's ability to alter a garment to fit an actor.</p> <p>Practical demonstration through construction of a historical corset and at least one other period underpinning.</p> <p>Assessment: Practical demonstration through construction of a garment from a historical time period using a custom pattern and no written instructions.</p> <p>Practical demonstration through construction of a garment from a historical time period using a commercial pattern.</p> <p>Practical demonstration of the student's ability to apply hook and eye tape, set in a zipper and sew machine made buttonholes to an actual garment.</p>
THEA	Lighting Technician Certificate (Launched)	<p>Identify, explain and evaluate the safe operation of lighting equipment associated with theatrical productions.</p> <p>Identify and explain the documentation required to implement the lighting for a theatrical production.</p> <p>Analyze and evaluate the lighting requirements of a play or musical.</p> <p>Identify, describe and define terminology commonly associated with theatrical lighting.</p> <p>Relate and explain the processes inherent in the theatrical lighting design process.</p>	<p>Skills demonstration measured against a department standard.</p>

		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.
THEA	Musical Theatre Certificate (Launched)	Demonstrate the ability to perform dance sequences.	Through projects assigned in Certificate coursework, assessed against a department standard.
		Describe and demonstrate rhythm and note reading skills in the sight-singing of vocal exercises.	Through projects assigned in Certificate coursework, assessed against a department standard.
		Identify and apply specific skills, knowledge, and creativity for professional development and employment in Musical Theatre.	Through projects assigned in Certificate coursework, assessed against a department standard.
		Explain, discriminate and relate the professional work ethic of Musical Theatre.	Through projects assigned in Certificate coursework, assessed against a department standard.
		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.
THEA	Sound Technician Certificate (Launched)	Demonstrate an understanding of basic technical theatre terminology as it relates to sound/audio.	Skills demonstration measured against a department standard.
		Identify and describe the different types of drawings for theatrical sound/audio.	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.
		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.
THEA	Technical Theatre Certificate (Launched)	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.
		Compare and interpret the different types of drawings that theatrical designers produce.	Skills demonstration measured against a department standard.
		Differentiate and explain the different types of construction techniques used in building theatrical scenery.	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.
		Identify, differentiate and evaluate the unique production aspects of proscenium, thrust, arena and black box configurations.	Skills demonstration measured against a department standard.
		Describe and explain technical theatre terminology.	Skills demonstration measured against a department standard.
THEA	Theatre Arts (Drama) Associate in Arts Degree (Launched)	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.
		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.
		Cooperate and participate with others in order to be supportive team players and effective leaders.	Skills demonstration measured against a department standard.
		Analyze and appraise the study and the making of theatre.	Skills demonstration measured against a department standard.

		Examine and maintain a balance between creativity and critical judgment.	Skills demonstration measured against a department standard.
THEA	Theatre Arts Associate in Arts Degree for Transfer (2015) (Launched)	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 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 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 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 demonstrate the appropriate use of stage terminology.	Through projects assigned in Degree coursework, assessed against a department standard.
THEA	Theatre Arts Associate in Arts Degree for Transfer (2018) (Launched)	Demonstrate the appropriate use of stage terminology.	Through projects assigned in Degree coursework, assessed against a department standard.
		Compare and contrast the job responsibilities of all theatrical personnel.	Through projects assigned in Degree coursework, assessed against a department standard.
		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.
		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.
		Demonstrate and employ a professional work ethic in both rehearsals and performances.	Through projects assigned in Degree coursework, assessed against a department standard.
THEA	Theme Park Technician Certificate (2018) (Launched)	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.
		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.
THEA	Theme Park Technician Certificate (FY2015) (Launched)	Upon successful completion of the courses leading to the Theme Park Technician Certificate, the student will be able to 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.

		Upon successful completion of the courses leading to the Theme Park Technician Certificate, the student will be able to 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.
		Upon successful completion of the courses leading to the Theme Park Technician Certificate, the student will be able to 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.
THEA	Theme Park Technology Specialist Certificate (FY 2018) (Launched)	Design a regular maintenance and diagnostic plan for various theatrical, theme park ride, and entertainment industry systems.	Supervised laboratory demonstration.
		Perform trouble shooting 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	Theme Park Technology Specialist Certificate (fy 2016) (Launched)	Perform trouble shooting and reporting functions for programmable logic controllers.	Supervised laboratory demonstration.
		Design a regular maintenance and diagnostic plan for various theatrical, theme park ride, and entertainment industry systems.	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.
WELD	Welding Technology Certificate (Launched)	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 department standard.
		Demonstrate code compliant requirements for Welding.	Tests, quizzes, class assignments, and/or projects assessed against a department standard.