

# Program SLOs

Unit Name	Outcome
Program (AMBCS-ARTS-ART) - PICTORIAL ARTS-PAINTING	<p>Student will demonstrate the ability to research, document, present, and relate to aesthetic and/or contextual source material and influences through the presentation of sketchbooks, journals or digital presentations.</p> <p>Student will illustrate an understanding of the personal, conceptual, cultural or historical context of their original Painting projects.</p> <p>Student will illustrate the ability to manifest the proper relationship of narrative, metaphor, abstraction, representation, composition and technique as they relate to their original Painting projects.</p> <p>Students will demonstrate competency in the use of program specific language during the presentation and discussion of their own, as well as other's, drawings and paintings.</p> <p>Students will demonstrate the ability to use the drawing and painting media, methods and procedures outlined in Course SLOs to communicate visual ideas and concepts.</p> <p>Understand and utilize the formal elements and principles of two-dimensional design and composition to communicate visual concepts in drawing and painting.</p>
Program (AMBCS-ARTS-ART) - STUDIO ARTS (TMC)	<p>Student will illustrate an understanding of the personal, conceptual, cultural or historical context of their and other's original Drawing projects.</p> <p>Students will demonstrate competency in the use of program specific language during the presentation and discussion of their own, as well as other's, drawings and paintings.</p> <p>Students will demonstrate the ability to use the drawing and painting media, methods and procedures outlined in Course SLOs to communicate visual ideas and concepts.</p> <p>Understand and utilize the formal elements and principles of two-dimensional design and composition to communicate visual concepts in drawing and painting.</p>
Program (AMBCS-ARTS-ART) - THREE-DIMENSIONAL ARTS-CERAMICS	<p>Student will demonstrate competency in the use of Art and Method specific language during the presentation, contextualization, and defense of their original work of art.</p> <p>Student will demonstrate the ability to research, document, present, and relate to aesthetic and/or contextual source material and influences through the presentation of sketchbooks, journals or digital presentations.</p> <p>Student will illustrate an understanding of the personal, conceptual, cultural or historical context of their original work of art.</p> <p>Student will illustrate the ability to manifest the proper relationship of materials, process and technique as they relate to their original work of art.</p>
Program (AMBCS-ARTS-ART) - THREE-DIMENSIONAL ARTS-CRAFTS	<p>demonstrate proficiency in utilizing various materials such as wood; metal; fibers; vitreous enamels glass etc. and techniques which are applicable to said materials facilitating the exploration in creating aesthetic possibilities of three dimensional crafts oriented objects of art.</p>
Program (AMBCS-ARTS-ART) - THREE-DIMENSIONAL ARTS-GLASS	<p>Student will demonstrate competency in the use of Art and Method specific language during the presentation, contextualization, and defense of their original work of art.</p> <p>Student will demonstrate the ability to research, document, present, and relate to aesthetic and/or contextual source material and influences through the presentation of sketchbooks, journals or digital presentations.</p> <p>Student will illustrate an understanding of the personal, conceptual, cultural or historical context of their original work of art.</p> <p>Student will illustrate the ability to manifest the proper relationship of materials, process and technique as they relate to their original work of art.</p>
Program (AMBCS-ARTS-ART) - THREE-DIMENSIONAL ARTS-	<p>demonstrate proficiency in utilizing vitreous enamels and a variety of metals such as silver, copper, brass, etc. and techniques</p>

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JEWELRY AND METALSMITHING	<p>which are applicable to said materials facilitating the exploration in creating aesthetic possibilities of three dimensional jewelry/metalsmithing oriented objects of art.</p> <p>s</p>
Program (AMBCS-ARTS-ART) - THREE-DIMENSIONAL ARTS-SCULPTURE	<p>Student will demonstrate competency in the use of Art and Method specific language during the presentation, contextualization, and defense of their original work of art.</p> <p>Student will demonstrate the ability to research, document, present, and relate to aesthetic and/or contextual source material and influences through the presentation of sketchbooks, journals or digital presentations.</p> <p>Student will illustrate an understanding of the personal, conceptual, cultural or historical context of their original work of art.</p> <p>Student will illustrate the ability to manifest the proper relationship of materials, process and technique as they relate to their original work of art.</p>
Program (AMBCS-ARTS-ARTD) - GRAPHIC DESIGN	<p>Student will develop design hierarchies and apply them to projects.</p> <p>Student will understand and use elements of design to communicate visual concepts.</p> <p>Students will understand time-based design methods, including two and three-dimensional processes.</p> <p>Students will use appropriate software to generate and modify design projects.</p> <p>Students will use critical analysis to evaluate visual concepts.</p>
Program (AMBCS-ARTS-ARTI) - ILLUSTRATION	<p>Student will demonstrate competency in the use of language specific to professional Illustration assignments during presentations, and is able to understand and incorporate feedback communicated during critiques.</p> <p>Student will demonstrate the ability to research, document, present, and relate to aesthetic and/or contextual source material and influences through the presentation of sketchbooks, journals or digital presentations.</p> <p>Student will illustrate an understanding of the personal, conceptual, cultural or historical context of their original illustration.</p> <p>Student will illustrate the ability to manifest the proper relationship of narrative, concept, representation, composition and technique as they relate to their original illustration.</p> <p>Upon completion of the program students will demonstrate the understanding and technical competency to effortlessly navigate a range of interfaces, produce and manage digital 2D illustrations in pixel based environments at a professional level, and will be able to determine and apply the appropriate specifications and formats for digital or print output.</p>
Program (AMBCS-BUSED-ACCT) - ACCOUNTING	<p>Student will pass the KAT exam at CSUSM upon transfer.</p> <p>Upon successful completion of this program, students will be able to understand and apply accounting concepts and procedures for business decisions.</p>
Program (AMBCS-BUSED-ACCT) - BOOKKEEPING/ACCOUNTING CLERK	<p>Apply the use of accounting software in the private sector or for home bookkeeping and accounting use.</p> <p>Formulate and critically review a set of financial statements (income statement, statement of owner's equity and balance sheet) for both a service firm and/or a merchandising firm, and synthesize the findings in relation to the operating results and the financial position of the firm.</p> <p>Full Accounting/Bookkeeping expertise manual and computerized</p>

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Program (AMBCS-BUSED-BMGT) - BUSINESS MANAGEMENT	<p>A student will be able to analyze a fact situation relating to a management problem, determine what information is needed, and do a report that reflects the appropriate treatment of the situation</p> <p>A student will be able to analyze a fact situation relating to a management situation, determine what information is needed, and do a project that reflects the appropriate treatment of the situation.</p> <p>After completing this program, a student will be able to apply the tactical and strategic communication skills necessary for entry-level work in management.</p>
Applied Business Management	
Program (AMBCS-BUSED-BUS) - ADMINISTRATIVE ASSISTANT	Students are prepared for an entry-level or higher administrative
Program (AMBCS-BUSED-BUS) - ADVERTISING, MARKETING, AND MERCHANDISING	<p>Students will be able to analyze and critique current advertisements for their use of strategic messaging elements.</p> <p>Students will gain general business skills that will prepare them for entry-level employment in marketing and/or advertising.</p> <p>Working in a team, students will be able to recognize a marketing opportunity and develop the appropriate product, price, place, and promotion to capitalize on that opportunity.</p>
Program (AMBCS-BUSED-BUS) - BUSINESS ADMINISTRATION FOR TRANSFER	This program prepares a student to transfer to a California State University for a four year business degree. Please check assist.org.
Program (AMBCS-BUSED-BUS) - BUSINESS INFORMATION WORKER	To achieve Computer Literacy and Customer Service for Entry Level Jobs in any sector
Program (AMBCS-BUSED-BUS) - BUSINESS-GENERAL	<p>Analyze &amp; describe, using appropriate terminology &amp; context, the fundamental principles, generalizations, and theories that are used in the business world.</p> <p>Given the facts based on real cases students will glean information from interviews of the plaintiff and defendant, monitor courtroom arguments and proceedings, analyze relevant evidence, research similar actual case rulings and develop their own ruling. The student must then defend his/her decision while other students critique the findings.</p> <p>Interpret and analyze the Income Statement, Balance Sheet, and Statement of Cash Flows for the purpose of making business decisions.</p>
Program (AMBCS-BUSED-BUS) - E-MARKETING	<p>Students will be able to apply the tactical and strategic skills necessary for entry-level work in business.</p> <p>Students will be able to analyze and critique current advertisements for their use of strategic messaging elements.</p> <p>Students will gain a working knowledge of Web 2.0 techniques such as digital media design, search engine optimization, and social networking for creating digital content and driving website traffic.</p> <p>The student will have an understanding of e-commerce and its relationship to business.</p> <p>Working in a team, students will be able to recognize a marketing opportunity and develop the appropriate product, price, place, and promotion to capitalize on that opportunity.</p>
Program (AMBCS-BUSED-BUS) - RETAIL MANAGEMENT	Student will be able to apply the tactical and strategic business skills necessary for management positions in a retail environment.
Program (AMBCS-BUSED-BUS) - SOCIAL MEDIA	Students will gain a working knowledge of social media techniques used to market a business.
Program (AMBCS-BUSED-IBUS) - INTERNATIONAL BUSINESS	<p>Demonstrate applied international management techniques in a 2 week simulation of an international business firm.</p> <p>Enrollment rates for courses and completion rates for certificate and degree.</p> <p>Student will be able to identify the three problem areas for not exporting by management.</p> <p>Students will be able to identify the uncontrollable forces affecting the international marketing mix.</p>

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Program (AMBCS-BUSED-LS) - LEGAL STUDIES	<p>Students will develop the basic skills of legal writing and case analysis.</p> <p>The student will demonstrate knowledge of the American Legal System.</p> <p>The student will demonstrate knowledge of the U. S. Constitution, with an emphasis on the Bill of Rights.</p> <p>The students have demonstrated knowledge and basic skills for an entry level career in the legal profession.</p>
Program (AMBCS-BUSED-LS) - LEGAL SUPPORT ASSISTANT	<p>Students will develop the basic skills of legal writing and case analysis.</p> <p>The student will demonstrate knowledge of the American Legal System.</p> <p>The students have demonstrated knowledge and basic skills for an entry level position on a legal staff.</p>
Program (AMBCS-BUSED-RE) - REAL ESTATE APPRAISAL LICENSE PREPARATION	<p>After completing this program, a student will be able to apply the skills learned to prepare himself/herself for the Real Estate Appraisal Exam.</p> <p>Students will be prepared to enter the real estate industry as real estate professionals.</p> <p>Students will know and understand the three appraisal modules approved by OREA:</p>
Program (AMBCS-BUSED-RE) - REAL ESTATE BROKER LICENSE PREPARATION	<p>After completing this program, a student will be able to apply the skills learned to prepare himself/herself for the Real Estate Broker Examination.</p> <p>Students will be prepared to enter the real estate industry as real estate professionals.</p>
Program (AMBCS-BUSED-RE) - REAL ESTATE SALESPERSON LICENSE PREPARATION	<p>After completing this program, a student will be able to apply the skills learned to prepare himself/herself for the Real Estate Salesperson Examination.</p> <p>Student will pass Real Estate 100 and Real Estate 115.</p> <p>Students will be prepared to enter the real estate industry as real estate professionals.</p>
Program (AMBCS-COMPSCI-CSCI) - COMPUTER SCIENCE	<p>Students will be able to apply important data structures and algorithms.</p> <p>Students will be able to design and write computer programs that are correct, efficient, and well documented.</p> <p>Students will be able to make the right choices of language, platform, and data structures for a computer programming solution based on their knowledge of the elements of program design.</p> <p>Students will be able to understand the hardware and software aspects of computer systems that support application software development.</p>
Program (AMBCS-COMPSCI-CSCI) - COMPUTER SCIENCE WITH EMPHASIS IN VIDEO GAMING	<p>Students will demonstrate conformity with industry practices.</p> <p>This program will introduce students to the video game industry, video game design and programming. Upon completion of the course student will create a 3D game using Microsoft's DirectX 9.0.</p>
Program (AMBCS-COMPSCI-CSCI) - VIDEO GAME DEVELOPER	<p>Design and program a simple video game</p> <p>Students will demonstrate conformity with industry practices</p>
Program (AMBCS-COMPSCI-CSIT) - COMPUTER INFORMATION SYSTEMS	<p>Demonstrate communication, teamwork, and project-based learning skills necessary to function effectively on teams to accomplish a common goal.</p> <p>Demonstrate the ability to analyze technical problems to identify and define the computer requirements appropriate for the business process.</p> <p>Identify requirements and then design, implement, evaluate and communicate a computer-based system, process, component, or program to meet the desired needs of the business.</p> <p>Understand the role and value of operation systems, databases, programming, information systems and project management in solving business problems.</p>

Unit Name	Outcome
Program (AMBCS-COMPSCI-CSIT) - INFORMATION TECHNOLOGY	<p>Students will gain an ability to analyze an information system problem, and identify and define the Information System requirements appropriate to its solution.</p> <p>Students will gain an ability to apply computational foundations, algorithmic principles, and information systems theory in the modeling and design of IS-based systems in a way that demonstrates comprehension of the available solutions.</p> <p>Students will gain an ability to use current techniques, skills, and tools necessary for the development of Information Systems solutions.</p> <p>Students will gain an understanding of professional, ethical, and social issues and responsibilities as they relate to Information Systems.</p>
Program (AMBCS-COMPSCI-CSIT) - MANAGEMENT INFORMATION SYSTEMS	<p>Demonstrate effective communication and teamwork required to use technology to produce quality information for an organization.</p> <p>Understand the role and value of Business Law, Accounting, Economics, and logic in solving business problems.</p> <p>Understand the role and value of operation systems, databases, programming, information systems and project management in solving business problems.</p>
Program (AMBCS-COMPSCI-CSNT) - COMPUTER NETWORK ADMINISTRATION WITH EMPHASIS: CISCO	<p>A student should be able to secure a small-to-mid-sized network using Cisco Equipment</p> <p>A student should be able to successfully design, install, configure, maintain, and secure a small to mid-sized LAN environment using Cisco Hardware Technologies.</p>
Program (AMBCS-COMPSCI-CSNT) - COMPUTER NETWORK ADMINISTRATION WITH EMPHASIS: LINUX MANAGEMENT	<p>A student should be able to successfully design, install, configure, maintain, and secure a small to mid-sized LAN environment using Linux Software Technologies.</p> <p>Students will demonstrate through labs that they can secure a Linux network</p>
Program (AMBCS-COMPSCI-CSNT) - COMPUTER NETWORK ADMINISTRATION WITH EMPHASIS: MICROSOFT	<p>A student should be able to successfully design, install, configure, maintain, and secure a small to mid-sized LAN environment using Microsoft Software Technologies.</p> <p>A student will be able to design an application distribution strategy that is appropriate for an organizational environment. (Active )</p>
Program (AMBCS-COMPSCI-CSWB) - WEB DESIGN AND DEVELOPMENT	<p>Students will demonstrate proficiency in Designing Web applications</p> <p>Students will demonstrate proficiency in Programming Web applications</p>
Program (AMBCS-COMPSCI-CSWB) - WEB DEVELOPER WITH EMPHASIS IN JAVA/OPEN SOURCE	<p>Student will be able to demonstrate the development of a Web application that involves multiple Web pages using both client-side and server-side technologies</p>
Program (AMBCS-COMPSCI-CSWB) - WEB DEVELOPER WITH EMPHASIS IN WINDOWS	<p>Student will be able to demonstrate the development of a Web application that involves multiple Web pages using both client-side and server-side technologies</p>
Program (AMBCS-COMPSCI-CSWB) - WEB DEVELOPMENT	<p>Students will demonstrate proficiency in creating and programming the client-side of Web applications</p> <p>Students will demonstrate proficiency in programming the server-side of Web applications</p>
Program (AMBCS-GRAPHIC-GCIP) - DIGITAL ARTS	<p>Integrate digital imaging skills (photo enhancement, photo editing, photo compositing, creative digital skills, typography) into a final print document.</p>
Program (AMBCS-GRAPHIC-GCIP) - DIGITAL IMAGING	<p>Integrate digital imaging skills (photo enhancement, photo editing, photo compositing, creative digital skills, typography) into a final print document.</p> <p>The students will have an understanding of the tools and pull down menus.</p>

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Program (AMBCS-GRAPHIC-GCIP) - DIGITAL PREPRESS OPERATOR	Integrate production skills (pre press and press) into a final print document.
Program (AMBCS-GRAPHIC-GCIP) - DIGITAL PUBLISHING	Integrate Adobe software applications (raster, vector, raster) into a final print document.
Program (AMBCS-GRAPHIC-GCIP) - ELECTRONIC PUBLISHER	Integrate Adobe software applications and press production into a final print document.
Program (AMBCS-GRAPHIC-GCIP) - GRAPHIC COMMUNICATIONS-EMPHASIS IN DIGITAL DISTRIBUTION	Integrate production skills into a final document for digital distribution.
Program (AMBCS-GRAPHIC-GCIP) - GRAPHIC COMMUNICATIONS-EMPHASIS IN MANAGEMENT	Integrate production skills that demonstrate a mastery of production equipment and processes that are incorporated into a final print document.
Program (AMBCS-GRAPHIC-GCIP) - GRAPHIC COMMUNICATIONS-EMPHASIS IN PRODUCTION	Integrate production skills (pre press and press) into a final print document.
Program (AMBCS-GRAPHIC-GCIP) - SCREEN PRINTER	Screen Print a simple design in various color models using standard industry practices.
Program (AMBCS-GRAPHIC-GCIP) - SCREEN PRINTING	Screen Print designs on paper and textiles using various color models according to standard industry practices. Students will be able to print a multi-color screen print job using spot colors
Program (AMBCS-GRAPHIC-GCMW) - DIGITAL ANIMATION, COMPOSITING, AND MUSIC	Integrate digital motion graphic skills (digital animation, compositing, sound, creative digital skills, typography) into a final video production. Masking The student will be able to create Masks and animated masks to be incorporated in a 5 second video clip.
Program (AMBCS-GRAPHIC-GCMW) - DIGITAL MEDIA	Integrate digital motion graphic skills (digital imaging, digital video, digital video editing, creative digital skills) into a final film production. The students will be able to incorporate masking into a 5 second logo.
Program (AMBCS-GRAPHIC-GCMW) - DIGITAL VIDEO	Integrate digital motion graphic skills (digital animation, compositing, sound, creative digital skills, typography) into a final film production. The student will be able to incorporate masking into a 5 second logo.
Program (AMBCS-GRAPHIC-GCMW) - E-COMMERCE DESIGN	Integrate Web development and digital graphic skills into a final online e-commerce site.
Program (AMBCS-GRAPHIC-GCMW) - INTERACTIVE MEDIA DESIGN-EMPHASIS IN 3D MODELING AND ANIMATION	Integrate digital motion graphic skills into a final 3D and animation production.
Program (AMBCS-GRAPHIC-GCMW) - INTERACTIVE MEDIA DESIGN-EMPHASIS IN MULTIMEDIA DESIGN	Integrate digital media skills (digital animation, compositing, sound, creative digital skills, typography) into a final multimedia production.
Program (AMBCS-GRAPHIC-GCMW) - INTERACTIVE WEB MULTIMEDIA AND AUDIO	Integrate digital motion graphic skills with Web development (digital animation, compositing, sound, creative digital skills, Web development and standards, typography) into final site production.
Program (AMBCS-GRAPHIC-GCMW) - INTERNET PUBLISHER	Integrate Web development and digital graphic skills into a final online site.
Program (AMBCS-GRAPHIC-GCMW) - INTERNET-GRAPHIC COMMUNICATION EMPHASIS	Employ and document industry standard project management skills for producing a comprehensive website, which include analysis, design, development, implementation, and evaluation phases, within a timeline framework. Integrate Web development and digital graphic skills that incorporates multimedia into a final online site.
Program (AMBCS-GRAPHIC-GCMW) - NEW MEDIA COMPOSITING/AUTHORING/DISTRIBUTION	Integrate digital motion graphic skills (digital animation, compositing, sound, creative digital skills, typography) into a final video production.
Program (AMBCS-GRAPHIC-GCMW) - WEB DATA BASE DESIGN	Integrate Web development and web data bases design into a final dynamic online site.
Program (AMBCS-GRAPHIC-GCMW) - WEB GRAPHICS Program	Integrate Web development and digital graphic skills into a final graphic Web site.
(AMBCS-MEDIASTUDIES-CINE) - CINEMA	Students will demonstrate command of film production concepts and vocabulary through critical analysis of motion pictures.

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Program (AMBCS-MEDIASTUDIES-COMM) - PUBLIC RELATIONS	<p>Students will identify significant film artists and their important contributions.</p> <p>Certificate students will critically review and assess the ethical decisions made by public relations professionals and appropriate recommendations.</p>
Program (AMBCS-MEDIASTUDIES-JOUR) - BROADCAST JOURNALISM	<p>Use and evaluate technologies that enhance the communication process.</p> <p>Apply ethical practices in daily work and recognize media roles and responsibilities in society.</p>
Program (AMBCS-MEDIASTUDIES-JOUR) - JOURNALISM FOR TRANSFER	<p>Produce a news package suitable for web and/or broadcast.</p> <p>Students will be able to create and design emerging media products, including blogs, digital audio, digital video, social media, digital photography, and multimedia.</p> <p>Students will be able to write a variety of mass media products, including news stories, press releases, and feature stories, following accepted journalistic standards, including Associated Press style.</p>
Program (AMBCS-MEDIASTUDIES-JOUR) - MULTIMEDIA JOURNALISM	<p>Apply ethical practices in daily work and recognize media roles and responsibilities in society.</p> <p>Structure and craft messages in ways appropriate for specific audiences.</p> <p>Use and evaluate technologies that enhance the communication process.</p>
Program (AMBCS-MEDIASTUDIES-PHOT) - ALTERNATIVE PROCESS PHOTOGRAPHY	<p>Through exploration of historical image and printmaking methods, Certificated students will demonstrate proficiency in creating unique and expressive artworks and articulate critical thinking and problem-solving skills</p>
Program (AMBCS-MEDIASTUDIES-PHOT) - FINE ART TRADITIONAL PHOTOGRAPHY	<p>Certificated students will through the use of state of the art equipment and facilities have the literacy and skills to produce images that demonstrate photography's visual and expressive elements in the arena of fine art photography.</p>
Program (AMBCS-MEDIASTUDIES-PHOT) - PHOTOGRAPHY	<p>Graduating and certificated students will have the literacy and skills to produce images that demonstrate photography's visual and expressive elements using standard professional production equipment and processes. Students will produce a body of photographic work that is suitable for production or exhibition.</p>
Program (AMBCS-MEDIASTUDIES-RTV) - RADIO AND TELEVISION	<p>Upon successful completion of the RTV major, the student will be able to demonstrate employable and transferable skills in multi media visual communication using video cameras, radio, TV studio equipment, field equipment, microphones, writing, and editing software.</p>
Program (AMBCS-PERARTS-DNCE) - DANCE-EMPHASIS IN EURO-WESTERN DANCE	<p>Genres Upon successful completion of the Program, students will be able to identify and evaluate the elements various dance genres that contribute to student's aesthetic and cultural growth. This supports the institution's mission as a comprehensive college. This Program SLO will be evaluated through either participation in student performances and /or observation of live performances.</p>
Program (AMBCS-PERARTS-DNCE) - DANCE-EMPHASIS IN GENERAL DANCE	<p>Genres Upon successful completion of the Program, students will be able to identify and evaluate the elements various dance genres that contribute to student's aesthetic and cultural growth. This supports the institution's mission as a comprehensive college. This Program SLO will be evaluated through either participation in student performances and /or observation of live performances.</p>
Program (AMBCS-PERARTS-DNCE) - DANCE-EMPHASIS IN WORLD DANCE	<p>Genres Upon successful completion of the Program, students will be able to identify and evaluate the elements various dance genres that contribute to student's aesthetic and cultural growth. This supports the institution's mission as a comprehensive college. This Program SLO will be evaluated through either participation in student performances and /or observation of live performances.</p>
Program (AMBCS-PERARTS-MUS) - MUSIC	<p>Upon successful completion of the Program, students will be able to identify and evaluate the elements of live musical performance that contribute to student's aesthetic and cultural growth. This supports the institution's mission as a comprehensive college. This Program SLO will be evaluated through either participation in student performances and /or</p>

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Program (AMBCS-PERARTS-MUS) - MUSIC	observation of live performances.
Program ( <b>AMBCS-PERARTS-TA</b> ) - THEATRE-ARTS	Students will be able to analyze the modes of theatrical communication using concepts and terminology specific to a particular aspect of theatre production The student will be able to articulate the relationship between a current theatrical production and it's social/cultural/historical context The student will demonstrate the ability to contribute skills and techniques to the successful realization of a theatrical production
Program (AMBCS-PERARTS-TA) - THEATRE-TECHNICAL	Using the vocabulary of theatre professionals, the student will be able to analyze and articulate how the elements of production, performance and context contribute to the meaning and impact of a theatrical work.
Program ( <b>CTEE-DESIGN-FASH</b> ) - FASHION BUYING AND MANAGEMENT	Upon successful completion of this program, students will understand the many facets of the retail industry; this includes the Merchandise, Operations, Financial, and Promotional aspects. Careers might include assistant buyers, retail managers, or small store owner. Prepare students who seek higher level education to further their academic study for transfer to a program or transfer to a 4 year college/university to continue their studies.
Program (CTEE-DESIGN-FASH) - FASHION DESIGN	Prepare for entry level employment, career movement, or career advancement to excel in a fashion / sewn products career within a diverse, global industry. Prepare students who seek higher level education to further their academic study for transfer to a program or institution of higher learning. Upon successful completion of the Fashion Desgin Program, students will be able to: 1. Select the most relevant and advanced technology methods to design garments/accessories suitable to fashion and related sewn products industry. 2. Gain technical skill proficiency using relevant industry level equipment for garment/ accessory design-to-execution, including: hand and digital drawing technology; hand and CAD pattern technology; sewing machine and other machine manufacturing operation methods; design workroom systems and manufacturing procedures. 3. Prepare for entry level employment, career movement, or career advancement to excel in a fashion / sewn products career within a diverse, global industry.
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Program (CTEE-DESIGN-FASH) - FASHION MERCHANDISING	A program designed to prepare future personnel for employment in a fashion industry positions with an emphasis in fashion merchandising. Upon successful completion of this program the students will acquaint themselves with the nature and scope of the fashion industry, identify the fashion merchandising industry as a major global economic force, and examine the process of fashion from trend research to product development and promotion. Prepare students who seek higher level education to further their academic study for transfer to a program or transfer to a 4 year college/university to continue their studies. (Active )
Program (CTEE-DESIGN-FASH) - FASHION: VISUAL MERCHANDISING	Create a visual presentation for a retail environment using the Principle of Design Prepare students who seek higher level education to further their academic study for transfer to a program or transfer to a 4 year college/university to continue their studies. (Active ) (Active )
Program ( <b>CTEE-DESIGN-ID</b> ) - INTERIOR DESIGN	Students will learn basic techniques of effective retail store presentations,including window and interior displays. A successful student is prepared for professional employment and career advancement in interior design. A workforce ready



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Program (CTEE-DESIGN-ID) - INTERIOR DESIGN	portfolio is produced as part of the program.
Program (CTEE-DESIGN-NUTR) - NUTRITION	Provide students with a strong foundation to become knowledgeable, ethical nutrition professional who have the ability to work well with diverse populations and the interpersonal skills to succeed in their nutrition careers of choice.
Program (CTEE-EMERGMED-EME) - EMERGENCY MEDICAL TECHNICIAN BASIC	<p>Upon successful course completion 100% of EMT graduates will demonstrate cognitive proficiency by passing the practical portion of the National Registry Exam.</p> <p>Upon successful course completion 100% of EMT graduates will demonstrate psychomotor proficiency by passing the practical portion of the National Registry Exam.</p>
Program (CTEE-EMERGMED-EME) - PARAMEDIC TRAINING	<p>Upon successful course completion 80% of paramedic graduates will demonstrate cognitive proficiency by passing the written portion of the National Registry Exam the first attempt.</p> <p>Upon successful course completion 80% of paramedic graduates will demonstrate psychomotor proficiency by passing the practical portion of the National Registry Exam.</p> <p>Within 6 months of successful course completion 80% of paramedic graduates will have obtained employment in the EMS system.</p>
Program (CTEE-OCCNONCR-PWM) - PUBLIC WORKS MANAGEMENT-LEVEL II	<p>Describe the goals and objectives of a project and create a schedule of workers and a timeline for the project.</p> <p>Evaluate a project applying the San Diego Regional Standard Drawings and associated specifications for public works construction.</p> <p>Research and develop a operating budget for a public works department.</p>
Program (CTEE-OCCNONCR-WTE) - WATER TECHNOLOGY EDUCATION	<p>Demonstrate the ability to analyze data, troubleshoot a problem, and apply a solution to a water/wastewater related issue.</p> <p>Demonstrate the ability to perform calculations based on operational data with a myriad of variables in order to perform duties as a water or wastewater operator.</p> <p>Demonstrate the ability to write an effective communication describing a water/wastewater related issue and the appropriate action to resolve the situation.</p> <p>Demonstrate the application of federal, state, and local regulations for water and wastewater systems.</p> <p>Develop a working knowledge of industry equipment and nomenclature.</p>
Program (CTEE-OCCNONCR-WWT) - WASTEWATER TECHNOLOGY EDUCATION	<p>Demonstrate the ability to analyze data, troubleshoot a problem, and apply a solution to a water/wastewater related issue.</p> <p>Demonstrate the ability to perform calculations based on operational data with a myriad of variables in order to perform duties as a water or wastewater operator.</p> <p>Demonstrate the ability to write an effective communication describing a water/wastewater related issue and the appropriate action to resolve the situation.</p> <p>Demonstrate the application of federal, state, and local regulations for water and wastewater systems.</p> <p>Develop a working knowledge of industry equipment and nomenclature.</p>
Program (CTEE-PUBSAF-AJ) - ADMINISTRATION OF JUSTICE-GENERAL	<p>Students will be able to identify and articulate the differences between the three components of the criminal justice system.</p> <p>The program prepares students for a career in the criminal justice field, law enforcement, courts, corrections, private/public security and investigations. The program will give students general knowledge and skills in theory,principles,ethics and techniques within the various fields of the criminal justice system.</p>

Unit Name	Outcome
Program (CTEE-PUBSAF-AJ) - ADMINISTRATION OF JUSTICE-HOMELAND SECURITY	<p>The student will demonstrate an understanding and functions of the security systems in the U.S.</p> <p>This program SLO will be assessed by analyzing the assessment results of course SLO's that directly relate to this program. Courses include AJ 100, 101, 102, 103, 104, 106, 151, 152, 153, 180, Fire 131 and CE 100.</p>
Program (CTEE-PUBSAF-AJ) - ADMINISTRATION OF JUSTICE-INVESTIGATIONS	<p>The student will demonstrate an understanding of the criminal justice system in the U.S.</p> <p>This program SLO will be assessed by analyzing the assessment results of course SLO's that directly relate to this program. Courses include AJ 100, 101, 102, 103, 104, 106, 110, 141, 189, 210, 211 and CE 100.</p>
Program (CTEE-PUBSAF-AJ) - ADMINISTRATION OF JUSTICE-LAW ENFORCEMENT	<p>The student will demonstrate an understanding of the criminal justice system in the U.S.</p> <p>This program SLO will be assessed by analyzing the assessment results of course SLO's that directly relate to this program. Courses include AJ 100, 101, 102, 103, 104, 106, 110, 115, 131, 141, 180 and CE 100.</p>
Program (CTEE-PUBSAF-AJ) - BASIC POLICE ACADEMY	<p>Students will be able to demonstrate an adequate knowledge of basic criminal law, procedures and radio code communication for law enforcement in the State of California as defined by California Peace Officers Standards and Training (POST).</p> <p>Students will be able to demonstrate an adequate knowledge of how to handle unusual occurrences and emergency management situations related to anti-terrorism or natural disasters as defined by California Peace Officers Standards and Training (POST).</p> <p>Students will be able to demonstrate an adequate knowledge of preliminary investigations and crimes in progress. They will also need to demonstrate proficiency with a firearm as defined by California Peace Officers Standards and Training (POST).</p> <p>Students will be able to demonstrate an adequate knowledge of professionalism, diversity and ethics for law enforcement in the State of California as defined by California Peace Officers Standards and Training (POST).</p> <p>Students will be able to demonstrate an adequate knowledge of traffic enforcement and patrol techniques for law enforcement in the State of California as defined by California Peace Officers Standards and Training (POST).</p> <p>Students will be able to demonstrate an adequate knowledge of use of force, handling disputes and defensive tactics for law enforcement in the State of California as defined by California Peace Officers Standards and Training (POST).</p>
Program (CTEE-PUBSAF-FIRE) - FIRE ACADEMY	<p>Ensure that 80% of the students can complete the Pre-Hire North County Physical Fitness exam.</p> <p>Students will understand the firefighter role in the community, including knowledge of; firefighter safety, fire prevention, building construction, fire protection systems, fire behavior, hazardous materials, ethics and morality and wildland fires.</p>
Program (CTEE-PUBSAF-FIRE) - FIRE TECHNOLOGY-EMERGENCY MANAGEMENT	<p>Students will understand the role of the emergency manager. They will know how to identify and assess hazards in the community to make disaster resilient communities to protect life and property. This knowledge is identified in the following program courses; fire protection organization, hazmat, building construction, emergency preparedness, fundamentals of emergency management and disaster mitigation.</p>
Program (CTEE-TRADEIND-ARCH) - ARCHITECTURAL DRAFTING	<p>Successful students will demonstrate the ability to apply the principles of design theory, framing, site analysis, structural and material applications, Green design, orthographic layout, programming client requirements to solve a series of design problems.</p>

Unit Name	Outcome
Program (CTEE-TRADEIND-ARCH) - ARCHITECTURE	Successful students will demonstrate the ability to apply the principles of design theory, site analysis, structural and material applications, Green design, perspective and rendering theory, programming client requirements to solve a series of design problems.
Program (CTEE-TRADEIND-ARCH) - GREEN BUILDING PROFESSIONAL	Identify and describe the life cycle phases of of a building and the impacts on the environment over the full life use of the structure.
Program (CTEE-TRADEIND-AT) - AUTO CHASSIS AND DRIVE LINES	Student will be able to identify the basic parts of a modern Automatic Automotive Transmission.  Students are able to identify the components of a planetary gearset. Students will understand the meaning of gear ratios and the effect on torque output.
Program (CTEE-TRADEIND-AT) - AUTO COLLISION REPAIR	Student will become proficient spraying water based automotive finishes.
Program (CTEE-TRADEIND-AT) - ELECTRONIC TUNE-UP AND COMPUTER CONTROL SYSTEMS	Student will become proficient using a digital storage oscilloscope to capture sensor signals  Student will become proficient using a scantool to communicate with vehicle powertrain control computers.
Program (CTEE-TRADEIND-AT) - MECHANICS - GENERAL	Student will be able to demonstrate proper shop safety procedures across many automotive specialty areas Student will become proficient using specialized power and hand tools to repair automotive systems
Program (CTEE-TRADEIND-CFT) - CABINETMAKING AND MILLWORK	Student will be able to work with client to construct and install kitchen cabinets, case furniture or architectural millwork.  Student will be able to write a business plan for a cabinet making related business. Students will be able to work with client to be able to design a kitchen with cabinets to the specific needs of client.  Students will be prepared to set up a shop to run their own bussiness.
Program (CTEE-TRADEIND-CFT) - CASE FURNITURE CONSTRUCTION/MANUFACTURING	Student will be able to design and construct period case furniture.  Student will be able to write a business plan for a furniture related business. Students will be able to competently use hand tools in basic and complex operations. Students will be able to make judgements as to when simple and traditional methods/processes are appropriate to use. Students will be able to produce their own line of furniture and create production methods to produce large quantities. Students will be able to work with client to design and construct custom case furniture. Students will be prepared to set up a shop to run their own bussiness.
Program (CTEE-TRADEIND-CFT) - GUITAR MAKING	Student will be able to write a business plan for a stringed intrument related business. Students will be able to competently use hand tools in basic and complex operations. Students will be able to create a line/model of guitar and create production methods to be able to produce high quality instruments in a time efficient manner. Students will be able to make judgements as to when simple and traditional methods/processes are appropriate to use. Students will be able to work with client to create and construct a desired/specific instrument. Students will be prepared to set up a shop to run their own bussiness.
Program (CTEE-TRADEIND-CFT) - LATHE TURNING TECHNOLOGY	Student will be able to produce turned details for furniture and architectural applications.

Unit Name	Outcome
	<p>Student will be able to write a business plan for a lathe turning related business.</p> <p>Students will be able to effectively sharpen all appropriate lathe tools.</p> <p>Students will be able to prepare a gallery show/exhibition.</p> <p>Students will be prepared to set up a shop to run their own bussiness.</p>
<p>Program (CTEE-TRADEIND-CFT) - TABLE AND CHAIR MANUFACTURING</p>	<p>Student will be able to write a business plan for a furniture related business.</p> <p>Students will be able to competently use hand tools in basic and complex operations.</p> <p>Students will be able to create own line of table and chair furniture and create production methods to be able to produce high quality furniture in a time efficient manner.</p> <p>Students will be able to make judgements as to when simple and traditional methods/processes are appropriate to use.</p> <p>Students will be able to work with client to design and construct custom table and chair furniture.</p> <p>Students will be able to work with client to design and construct period table and chair furniture.</p> <p>Students will be prepared to set up a shop to run their own bussiness.</p>
<p>Program (CTEE-TRADEIND-CFT) - VENEERING TECHNOLOGY</p>	<p>Student will be able to write a business plan for a veneer related business.</p> <p>Students will be able to competently use hand tools in basic and complex veneering operations.</p> <p>Students will be able to create a line of veneered furniture and create production methods to be able to produce high quality furniture in a time efficient manner.</p> <p>Students will be able to make judgements as to when simple and traditional methods/processes are appropriate to use.</p> <p>Students will be able to work with client to design and construct custom veneered furniture.</p> <p>Students will be able to work with client to design and construct period veneered furniture.</p> <p>Students will be prepared to set up a shop to run their own bussiness.</p>
<p>Program (CTEE-TRADEIND-CFT) - WOODWORKING SKILLS TECHNOLOGY</p>	<p>Student will be able to mill and prepare stock as well as produce joinery and cosmetic details for furniture and architectural applications.</p> <p>Students will be able to competently use hand tools in basic and complex operations.</p> <p>Students will be able to effectively sharpen all appropriate hand tools including lathe tools and carving tools.</p> <p>Students will be able to make judgements as to when simple and traditional methods/processes are appropriate to use.</p> <p>Students will be prepared to set up a shop to run their own bussiness.</p>
<p>Program (CTEE-TRADEIND-DMT) - DIESEL TECHNOLOGY</p>	<p>Technicains will be able to conduct basic maintenance, repair and troubleshooting of:</p> <ul style="list-style-type: none"> <li>Engines</li> <li>Transmissions, Differentials and drivelines</li> <li>Suspensions</li> <li>Air brake systems</li> <li>Hydraulic Systems</li> <li>Electrical systems (12 volt /24 volt)</li> <li>Equipment Inspections</li> </ul>
<p>Program (CTEE-TRADEIND-DT) - COMPUTER ASSISTED DRAFTING</p>	<p>Successful students will be able to build and document Three-Dimensional (3D) Objects for manufacturing using standard drafting practices, which include, but not limited to:</p>

Unit Name	Outcome
Program (CTEE-TRADEIND-DT) - COMPUTER ASSISTED DRAFTING	<p>Orthographic Projection Dimensioning Sectional Auxiliary Views Pictorial Views 3D Assemblies</p> <p>Successful students will be able to build and document Three-Dimensional (3D) objects using:</p> <ol style="list-style-type: none"> <li>1. Standard modeling and drafting practices</li> <li>2. The latest software, which include, but not limited too: AutoCAD SolidWORKS 3D StudioMAX</li> </ol>
Program (CTEE-TRADEIND-DT) - DRAFTING TECHNOLOGY-TECHNICAL	<p>Successful students will be able to document objects for manufacturing using standard drafting practices, which include, but not limited to: Orthographic Projection Dimensioning, Tolerancing, and Measurement Verification Sectional and Auxiliary Views Pictorial Views Plane and Descriptive Geometry</p> <p>Successful students will be able to perform standard drafting practices using the latest software, which include, but not limited too: AutoCAD SolidWORKS MasterCAM</p>
Program (CTEE-TRADEIND-DT) - ELECTRO-MECHANICAL DRAFTING AND DESIGN	<p>Successful students will be able to design Printed Circuit Boards to standard industry practices for manufacturing, which include, but not limited to: Fabrication documentation and drawings Dimensioning, Tolerancing, and Measurement Verification Parts List Electro-Mechanical Assemblies Schematics</p> <p>Successful students will be able to design Printed Circuit Boards to standard industry practices using the latest software, which include, but not limited too: AutoCAD SolidWORKS Altium</p>
Program (CTEE-TRADEIND-IT) - FOUNDATIONS IN TECHNICAL	Student should demonstrate a good understanding of workplace safety and professional ethics while performing work-related

Unit Name	Outcome
CAREERS	tasks in a satisfactory manner.
Program (CTEE-TRADEIND-WELD) - ENTRY-LEVEL GAS METAL/FLUX CORED ARC WELD	Successful students will identify, evaluate and effectively apply safety issues as they pertain to welding lab safety, occupational safety and personal safety.
	Successful students will identify, evaluate and effectively demonstrate how to produce acceptable fillet and groove welds in all positions using gas metal arc welding, flux cored arc welding.
	Successful students will identify, evaluate and effectively demonstrate how to set-up, adjust, operate and shut down advanced parameters on, gas metal arc welding, flux cored arc welding equipment.
Program (CTEE-TRADEIND-WELD) - ENTRY-LEVEL GAS TUNGSTEN ARC WELDING	Successful students will identify, evaluate and effectively apply safety issues as they pertain to welding lab safety, occupational safety and personal safety.
	Successful students will identify, evaluate and effectively demonstrate how to produce acceptable fillet and groove welds in all positions using gas tungsten arc welding.
	Successful students will identify, evaluate and effectively demonstrate how to set-up, adjust, operate and shut down advanced parameters on gas tungsten arc welding equipment.
Program (CTEE-TRADEIND-WELD) - ENTRY-LEVEL SHIELDED METAL ARC WELDING	Successful students will identify, evaluate and effectively demonstrate how to produce acceptable fillet and groove welds in all positions using shielded metal arc welding.
	Successful students will identify, evaluate and effectively apply safety issues as they pertain to welding lab safety, occupational safety and personal safety.
	Successful students will identify, evaluate and effectively demonstrate how to set-up, adjust, operate and shut down advanced parameters on shielded metal arc welding equipment.
Program (CTEE-TRADEIND-WELD) - WELDING	Students will identify, evaluate and effectively apply safety issues as they pertain to welding lab safety, occupational safety and personal safety.
	Successful students will identify, evaluate and effectively demonstrate how to produce acceptable fillet and groove welds in all positions using shielded metal arc welding, gas tungsten arc welding, gas metal arc welding, flux cored arc welding, oxy-fuel welding and welds on pipe.
	Successful students will identify, evaluate and effectively demonstrate how to set-up, adjust, operate and shut down advanced parameters on shielded metal arc welding, gas tungsten arc welding, gas metal arc welding, flux cored arc welding, oxy-fuel cutting and pipe welding equipment.
Program (LL-ENGLISH-ENG) - ENGLISH	Demonstrate the ability to analyze literary texts by using close-reading skills.
	Students will be able to enter into high-level discursive communities after transfer and in the environments in which they live and work.
Program (LL-ESLANG) - NESL	Students will be able to write a cohesive and intelligible paragraph.
	Students will demonstrate an ability to read and comprehend simple (California Pathways mid-intermediate level) texts.
	Students will demonstrate an ability to speak intelligibly and communicate in English.
Program (LL-FORLANG-FREN) - FRENCH	Students who successfully complete the French program will be able to express original ideas in a written form using content, vocabulary and structures at the intermediate level and relevant to Francophone culture.
	Students who successfully complete the French program will be able to express original ideas in multiple verb forms relating to vocabulary and topics at the intermediate level.
	Students who successfully complete the French program will be able to present a project orally, using content, vocabulary and structures relevant to course topics. (Active )

Unit Name	Outcome
Program ( <b>LL-FORLANG-SPAN</b> ) - SPANISH	Understand everyday spoken French on a variety of topics at an intermediate level Understand every day spoken Spanish relating to daily activities at an appropriate level for intermediate Spanish
Program ( <b>LL-SPCHASL-ASL</b> ) AMERICAN SIGN LANGUAGE/ENGLISH INTERPRETER TRAINING PROGRAM	Upon successful completion of this course, students will be able to express original thoughts using multiple verb tenses relating to concepts and vocabulary from the course.
Program ( <b>LL-SPCHASL-SPCH</b> ) - SPEECH COMMUNICATION	Students should be able to demonstrate the skills necessary to interpret an unrehearsed text from sign language into spoken English. Students should be able to demonstrate the skills necessary to interpret an unrehearsed text from spoken English into sign language.
Program ( <b>MNHS-CHEMIST-CHEM</b> ) - CHEMISTRY	Students should be able to comprehend communication transactions as creating and sustaining communities, organizations, and national, ethnic, and gender-based co-cultures.
Program ( <b>MNHS-CHEMIST-CHEM</b> ) - CHEMISTRY	Students should be able to present and analyze both expository and argumentative messages, in terms of the reasoning process, use of evidence, detection of fallacious logic, and adaptation to an audience. Students should be able to understand and critically evaluate forms and theories of communication.
Program ( <b>MNHS-CHEMIST-CHEM</b> ) - CHEMISTRY	Successful students will be able to apply the scientific method by stating a question, performing experiments and/or analyzing a data presentation. Successful students will be able to set up and execute general and intermediate chemical reactions in the lab using a chemical technique.
Program ( <b>MNHS-DENTAL-DA</b> ) - DENTAL ASSISTING - RDA	Upon completion of this program, graduates will be safe and competent dental health care professionals by being in compliance with both California State and Federal regulations and standards.
Program ( <b>MNHS-DENTAL-DA</b> ) - DENTAL ASSISTING - RDA	Upon successful completion of this program graduates will be prepared for employment as a dental health care professional.
Program ( <b>MNHS-DENTAL-DA</b> ) - DENTAL ASSISTING - RDA	Upon successful completion of this program the majority of students taking the California Dental Law and Ethics examination will pass the exam.
Program ( <b>MNHS-DENTAL-DA</b> ) - DENTAL ASSISTING - RDA	Upon successful completion of this program, the majority of students will be able to pass the California Registered Dental Assistant examination.
Program ( <b>MNHS-EARTH-GEOG</b> ) - ADVANCED GEOGRAPHIC INFORMATION SYSTEMS	Students should demonstrate technical competencies in performing basic GIS analyses, and expanding the basic GIS program interface.
Program ( <b>MNHS-EARTH-GEOG</b> ) - ADVANCED GEOGRAPHIC INFORMATION SYSTEMS	Students should have a clear understanding of basic GIS concepts and their significance in GIS analysis. These basic concepts include projection, topology, and overlay.
Program ( <b>MNHS-EARTH-GEOG</b> ) - ENVIRONMENTAL STUDIES	Students should have a clear understanding of the interoperability between GIS and other geospatial/drafting technologies. An example of these geospatial/drafting technologies includes CAD systems, satellite sensors, utilities engineering drawings, and environmental assessment reports.
Program (MNHS-EARTH-GEOG) - ENVIRONMENTAL STUDIES	Students should be able to explain the implications of population growth and food production according to the classical Malthusian growth model.

Unit Name	Outcome
Program (MNHS-EARTH-GEOG) - ENVIRONMENTAL STUDIES AND SUSTAINABILITY	<p>Students will be able to explain the implications of globalization for the environment.</p> <p>Students should be able to articulate the United Nation's eight Millennium Development goals.</p>
Program (MNHS-EARTH-GEOG) - GEOGRAPHIC INFORMATION SYSTEMS	<p>Students should demonstrate an understanding of how environmental sustainability contributes to each of the UN's eight Millennium Development goals.</p> <p>Students should demonstrate technical competencies in performing basic GIS analyses, and expanding the basic GIS program interface.</p>
	<p>Students should have a clear understanding of basic GIS concepts and their significance in GIS analysis. These basic concepts include projection, topology, and overlay.</p>
Program (MNHS-EARTH-GEOG) - GEOGRAPHY FOR TRANSFER	<p>If 60% of the AA-T Majors transferred, graduated, or are still enrolled, then we have met the program's objective.</p> <p>Students will be able to demonstrate an understanding of the geographic distribution of cultural phenomena across the earth's surface.</p> <p>Students will be able to demonstrate an understanding of the geographic distribution of physical phenomena across the earth's surface.</p> <p>Students will be able to demonstrate an understanding of the interrelationship between people and their environment and how each impacts the other.</p> <p>Students will be able to demonstrate an understanding of the relationship of geographic phenomena over space and time.</p> <p>Students will be able to demonstrate competency with geographic analysis using tools such as maps, aerial photographs, and satellites images.</p>
Program (MNHS-EARTH-GEOG) - UNMANNED AIRCRAFT SYSTEMS	<p>Students will be able to apply the Federal Aviation Administration's guidelines on UAS operations in order to acquire and process UAS data safely.</p>
Program (MNHS-EARTH-GEOG) - GEOLOGY	<p>The successful student will be able to identify common rocks and their mineral constituents by using standard geologic references.</p> <p>The successful student will be able to look at a landscape and determine which tectonic and geomorphic processes have been dominant in its formation.</p>
Program (MNHS-EARTH-GEOG) - GEOLOGY FOR TRANSFER	<p>the successful student will be able to apply the scientific method using data to critically analyze, identify, understand and make a conclusion about natural phenomena.</p> <p>the successful student will be able to develop and demonstrate analytical and critical thinking skills required for transfer into a four year university.</p> <p>The successful student will be able to identify common rocks and their mineral constituents by using standard geologic references.</p> <p>the successful student will be able to identify, describe, and classify earth materials' formations, and structures and interpret them in terms of geologic processes.</p> <p>the successful student will be able to synthesize and communicate knowledge of geological concepts through written, oral and graphical representation.</p>
Program (MNHS-LIFE-BIOL) - BIOLOGY AS-T	<p>Students will demonstrate a thorough understanding of the concept of biological evolution. This will include both microevolution</p>



Unit Name	Outcome
Program (MNHS-LIFE-BIOL) - BIOLOGY AS-T	<p>(changes in allele frequencies within a population over time) and macroevolution. Students will understand how evolution explains observed variations between individuals and populations, how selection pressures alter survival values of traits, and the evidence supporting evolution.</p>
	<p>Students will demonstrate an understanding of the principles behind scientific thinking. Students will understand the concept of empiricism, statistics and uncertainty, hypotheses and hypothesis testing, the concept of a scientific theory, and experimental design and analysis. Students will show competence in the design and execution of scientific experiments, and the use of common scientific apparatus (e.g. microscopes).</p>
Program (MNHS-LIFE-BIOL) - BIOLOGY PREPROFESSIONAL	<p>Students will demonstrate a thorough understanding of chemistry as it relates to biological systems, including biomolecules, protein synthesis, catabolic and anabolic reactions in the cell, and reactions involving biomolecules.</p> <p>Students will demonstrate a thorough understanding of the concept of biological evolution. This will include both microevolution (changes in allele frequencies within a population over time) and macroevolution. Students will understand how evolution explains observed variations between individuals and populations, how selection pressures alter survival values of traits, and the evidence supporting evolution.</p> <p>Students will demonstrate an understanding of the principles behind scientific thinking. Students will understand the concept of empiricism, statistics and uncertainty, hypotheses and hypothesis testing, the concept of a scientific theory, and experimental design and analysis. Students will show competence in the design and execution of scientific experiments, and the use of common scientific apparatus (e.g. microscopes)</p> <p>Students will demonstrate understanding of mathematics through calculus.</p> <p>Students will understand the functioning of life at a cellular level. This includes cell and organelle structure and function, cellular reproduction, and cellular biochemistry (including respiration and photosynthesis).</p>
Program (MNHS-LIFE-BIOL) - BIOLOGY-GENERAL	<p>Students will demonstrate a thorough understanding of the concept of biological evolution. This will include both microevolution (changes in allele frequencies within a population over time) and macroevolution. Students will understand how evolution explains observed variations between individuals and populations, how selection pressures alter survival values of traits, and the evidence supporting evolution.</p> <p>Students will demonstrate an understanding of the principles behind scientific thinking. Students will understand the concept of empiricism, statistics and uncertainty, hypotheses and hypothesis testing, the concept of a scientific theory, and experimental design and analysis. Students will show competence in the design and execution of scientific experiments, and the use of common scientific apparatus (e.g. microscopes)</p> <p>Students will understand how groups of organisms interact with each other and with their environment. Students will demonstrate understanding of population dynamics, energy flow, predation, competition for resources, and environmental niches. Students will be able to analyze how the introduction of change into an ecosystem might affect ecological interactions.</p> <p>Students will understand the functioning of life at a cellular level. This includes cell and organelle structure and function, cellular reproduction, and cellular biochemistry (including respiration and photosynthesis)</p> <p>Students will understand the structure of DNA, its methods of replication and information storage, mutation, the structure of genes, and the mechanisms of gene regulation. Students will understand and be able to solve problems involving concepts of Mendelian and non-Mendelian dominance, penetrance, and epistasis.</p>
Program (MNHS-MATHDEPT-MATH) - MATHEMATICS	<p>Our AS degree, in mathematics, recipients will be well prepared to continue their education in mathematics, physics and engineering at a university.</p> <p>Recipients of our AS degree, in mathematics, will be well prepared to continue their education in STEM (Science, Technology, Engineering, Mathematics) at a college or university.</p> <p>To provide the background and coursework for entry-level positions that require knowledge of mathematics, such as Technical Assistant and Mathematical Technician.</p>

Unit Name	Outcome
Program (MNHS-NURSED-NURS) - NURSING	70% of Graduates will be employed as a registered nurse or enrolled in a program to advance their education within 12 months of graduation.
	70% of the students who enter the program will graduate.
	85% of the graduates will pass the NCLEX-RN licensure exam on the first attempt.
Program (MNHS-PHYSENGR-ENGR) - ENGINEERING	Successful graduation with an AS degree in Engineering.
	Successful students will be accepted into four year universities and continue their education in their engineering or Physics disciplines through graduation.
Program (SBS-AMINDIAN-AIS) - AMERICAN INDIAN STUDIES	Students will acquire knowledge of the existence and present impact of American Indians/Alaskan Natives into the contemporary America and global society. Thus students will have the ability to bring all American Indian/Alaskan Native cultures into a current perspective.
	Students will gain knowledge of cultural, historical and political diversity of American Indian/Alaskan Native people including the ability to analyze the origins and changes of those differences over space and time.
	Students will gain knowledge of the social, political, and legal developments that have shaped American Indian/Alaskan Native government(s), and legal status, with the overarching goal toward sovereignty in United States will gain an ability to differentiate federal, state, and tribal levels in American Indian/Alaskan Native affairs.
Program (SBS-BEHAVSCI- AODS) - ALCOHOL AND OTHER DRUG STUDIES	Students will complete a minimum of 255 internship/practicum hours at an agency or agencies approved by the college. Students must complete a minimum of 21 hours in each of the "12 Core Functions": Screening, Intake, Orientation, Assessment, Treatment Planning, Counseling, Case Management, Crisis Intervention, Client Education, Referral, Report and Record Keeping and Consultation with Professionals. Students will pass the practice/mock Substance Abuse Counselor State certification exam.
Program (SBS-BEHAVSCI-ANTH) - ARCHAEOLOGICAL EXCAVATOR	Students will acquire basic excavation techniques, field data recording, and in-field artifact processing.
	Students will be able to participate as productive and effective members of an archaeological field excavation team.
	Students will be able to place archaeology in an anthropological context by completing basic coursework in biological anthropology, cultural anthropology, and world prehistory (archaeology).
Program (SBS-BEHAVSCI-ANTH) - ARCHAEOLOGICAL SURVEYOR AND LAB ASSISTANT	Skillset will include field navigation skills, basic site recognition and recording, basic mapping, and site form completion.
	Skillsets include artifact processing, basic classification of artifact types, basic analytical approaches, and data input techniques. Students will acquire basic excavation techniques, field data recording, and in-field artifact processing.
	Students will be able to place archaeology in an anthropological context by completing basic coursework in biological anthropology, cultural anthropology, and world prehistory (archaeology).
Program (SBS-BEHAVSCI-ANTH) - ARCHAEOLOGY	Skill sets include field navigation skills, basic site recognition and recording, basic site mapping, and site form completion.
	Skillsets include artifact processing, basic classification of artifact types, basic analytical approaches, and data input techniques. Skillsets include historic archival research, historic artifact analysis, and interpretation of historic site function(s).

Unit Name	Outcome
	Students will acquire basic excavation techniques, field data recording, and in-field artifact processing.
	Students will be able to participate as productive and effective members of an archaeological field survey and/or excavation team.
	Students will be able to place archaeology in an anthropological context by completing basic coursework in biological anthropology, cultural anthropology, and world prehistory (archaeology).
	Students will be made aware of the importance of Indian concerns and will have the opportunity to interact with Indian community representatives.
	Students will understand the basic legal and operational framework of cultural resource management.
Program (SBS-BEHAVSCI-PHIL) - PHILOSOPHY AA-T	Demonstrate competence in articulating and evaluating arguments with appropriate argumentative models, competing viewpoints, and the use of relevant evidence or support.
	Demonstrate competence in formulating and explaining philosophical claims, either the student's own or the claims of another.
	Demonstrate competence in Philosophical analysis, with reference to at least one major philosopher, philosophical issues, position, or problem.
Program (SBS-BEHAVSCI-PSYC) - PSYCHOLOGICAL AND SOCIAL SERVICES	Students will compile a professional portfolio for entry-level employment.
Program (SBS-BEHAVSCI-PSYC) - PSYCHOLOGY AA-T	Explain different research methods used by psychologists, including strengths and weaknesses of different designs, types of questions addressed by each, and the process of making causal inferences
	Students should become familiar with the formal regulations that govern professional ethics in psychology and begin to embrace the values that will contribute to positive outcomes in work settings and in building a society responsive to multicultural and global concerns.
	Students should demonstrate competence in writing and in oral and interpersonal communication skills; students should write a cogent scientific argument, present information using a scientific approach, engage in discussion of psychological concepts, explain the ideas of others, and express their own ideas with clarity.
	Students should demonstrate fundamental knowledge and comprehension of the major concepts, theoretical perspectives, historical trends, and empirical findings to discuss how psychological principles apply to behavioral problems.
	Students should develop work habits and ethics to succeed in academic settings, including psychology-specific content and skills, effective self-reflection, project-management skills, teamwork skills, and career preparation.
	Students should learn basic skills and concepts in interpreting behavior, studying

Unit Name	Outcome
	<p>research, and applying research design principles to drawing conclusions about psychological phenomena.</p> <p>Students will be able to weigh evidence, tolerate ambiguity, act ethically, and reflect other values that are the underpinnings of psychology as a discipline.</p> <p>Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology.</p> <p>Students will respect and use critical and creative thinking, skeptical inquiry, and, when possible, the scientific approach to solve problems related to behavior and mental processes.</p>
Program (SBS-BEHAVSCI-SOC) - SOCIOLOGY AA-T	<p>Students will understand and apply psychological principles to personal, social, and organizational issues.</p> <p>Compare and contrast the three main theoretical paradigms in sociology and analyze social phenomena from these different perspectives.</p> <p>Demonstrate the ability to think critically about knowledge, how it is defined, generated, and interpreted, and understand the basic principles of quantitative and qualitative scientific research methods.</p>
Program (SBS-BEHAVSCI-SOC) - WOMEN'S STUDIES	<p>Describe the sociological imagination and apply its emphasis on the interconnections between individuals and macro-level forces to a better understanding of their own lives and the society in which they live.</p> <p>Understand the process of social interaction and describe the role of culture and socialization in the development of the self.</p> <p>Describe and apply the major theoretical approaches to understanding gender and the social experiences of women in history and culture.</p>
Program (SBS-CHILDDEV-CHDV) - ASSISTANT TEACHER	<p>Students will identify cross-cultural differences in gender and variations of gender roles within the U.S. with regard to race, ethnicity, religion, and social class.</p> <p>"Implement and evaluate successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings. (For the Assistant Teacher Certificate: Assist in implementing and evaluating successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.)</p> <p>Apply core content knowledge and understanding of developmental milestones for children from conception through age eight.</p> <p>Demonstrate the knowledge, experience, and competencies required to meet State of California Department of Social Services Community Care Licensing requirements for employment and/or State of California Child Development Permit issues by the Commission on Teacher Credentialing.</p>
Program (SBS-CHILDDEV-CHDV) - CHILD AND FAMILY SERVICES	<p>"Implement and evaluate successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.</p> <p>(For the Assistant Teacher Certificate: Assist in implementing and evaluating successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.)</p> <p>(For the Administration Certificate: Oversee, supervise, implement, and evaluate successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.)</p> <p>"</p>

Unit Name	Outcome
	<p>Apply core content knowledge and understanding of developmental milestones for children from conception through age eight.</p> <p>Demonstrate the knowledge, experience, and competencies required to meet State of California Department of Social Services Community Care Licensing requirements for employment and/or State of California Child Development Permit issues by the Commission on Teacher Credentialing.</p>
<p>Program (SBS-CHILDDEV-CHDV) - EARLY CHILDHOOD ADMINISTRATION</p>	<p>Develop and Implement strategies that promote partnership between programs, teachers, families and communities</p> <p>Apply core content knowledge and understanding of developmental milestones for children from conception through age eight.</p> <p>Demonstrate the knowledge, experience, and competencies required to meet State of California Department of Social Services Community Care Licensing requirements for employment and/or State of California Child Development Permit issues by the Commission on Teacher Credentialing.</p>
<p>Program (SBS-CHILDDEV-CHDV) - EARLY CHILDHOOD EDUCATION FOR TRANSFER</p>	<p>Implement and evaluate successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings. (For the Administration Certificate: Oversee, supervise, implement, and evaluate successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.)</p> <p>Apply core content knowledge and understanding of developmental milestones for children from conception through age eight.</p>
<p>Program (SBS-CHILDDEV-CHDV) - EARLY INCLUSION TEACHER</p>	<p>Demonstrate the knowledge, experience, and competencies required to meet State of California Department of Social Services Community Care Licensing requirements for employment and/or State of California Child Development Permit issues by the Commission on Teacher Credentialing.</p> <p>Implement and evaluate successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.</p> <p>"Implement and evaluate successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.</p> <p>(For the Assistant Teacher Certificate: Assist in implementing and evaluating successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.)</p> <p>(For the Administration Certificate: Oversee, supervise, implement, and evaluate successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.)</p> <p>"</p>
<p>Program (SBS-CHILDDEV-CHDV) - INFANT/TODDLER TEACHER</p>	<p>Apply core content knowledge and understanding of developmental milestones for children from conception through age eight.</p> <p>Demonstrate the knowledge, experience, and competencies required to meet State of California Department of Social Services Community Care Licensing requirements for employment and/or State of California Child Development Permit issues by the Commission on Teacher Credentialing.</p> <p>"Implement and evaluate successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.</p> <p>(For the Assistant Teacher Certificate: Assist in implementing and evaluating successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.)</p> <p>(For the Administration Certificate: Oversee, supervise, implement, and evaluate successful and developmentally appropriate</p>

Unit Name	Outcome
Program (SBS-CHILDDEV-CHDV) - INFANT/TODDLER TEACHER	environments and activities, and utilize respectful guidance strategies for early childhood settings.) "
	Apply core content knowledge and understanding of developmental milestones for children from conception through age eight. Demonstrate the knowledge, experience, and competencies required to meet State of California Department of Social Services Community Care Licensing requirements for employment and/or State of California Child Development Permit issues by the Commission on Teacher Credentialing.
Program (SBS-CHILDDEV-CHDV) - PRESCHOOL TEACHER	"Implement and evaluate successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.  (For the Assistant Teacher Certificate: Assist in implementing and evaluating successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.)  (For the Administration Certificate: Oversee, supervise, implement, and evaluate successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.) "
	Apply core content knowledge and understanding of developmental milestones for children from conception through age eight. Demonstrate the knowledge, experience, and competencies required to meet State of California Department of Social Services Community Care Licensing requirements for employment and/or State of California Child Development Permit issues by the Commission on Teacher Credentialing.
Program (SBS-CHILDDEV-CHDV) - SCHOOL AGE ASSISTANT	"Implement and evaluate successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.  (For the Assistant Teacher Certificate: Assist in implementing and evaluating successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.)  (For the Administration Certificate: Oversee, supervise, implement, and evaluate successful and developmentally appropriate environments and activities, and utilize respectful guidance strategies for early childhood settings.) "
	Apply core content knowledge and understanding of developmental milestones for children from conception through age eight. Demonstrate the knowledge, experience, and competencies required to meet State of California Department of Social Services Community Care Licensing requirements for employment and/or State of California Child Development Permit issues by the Commission on Teacher Credentialing.
Program (SBS-EHPS-ECON) - ECONOMICS	Evaluate data in various forms and explain the implications of the data.
	Students will identify themes and make connections to current events.
Program (SBS-HLTHKINEREC-KINE) - ADULT FITNESS/HEALTH MANAGEMENT	Demonstrate knowledge and an understanding of physical activity and fitness and its role in the student's personal, educational development and life-long wellness.
Program (SBS-HLTHKINEREC-KINE) - KINESIOLOGY	Demonstrate knowledge and an understanding of physical activity and fitness and its role in personal, educational development and lifelong wellness.

Unit Name	Outcome
	Recognize and utilize effective communication skills in a diverse group setting.
	Understand and apply proper strategies to prevent and reduce the risk of chronic disease.
Program (SBS-LIBTECH-LT) - LIBRARY AND INFORMATION TECHNOLOGY	<p>Create an online community for our LIT students.</p> <p>Students will be able to accurately use acquisitions techniques as well as current cataloging and classification systems to order and process library materials.</p> <p>Students will be able to apply the basic principles of reference, information literacy, information services, and collection development in order to select appropriate resources and assist patrons.</p> <p>Students will be able to function effectively in the areas of circulation, interlibrary loan and collection maintenance.</p> <p>Students will be able to identify, evaluate and effectively use library technologies, including emerging and assistive technologies, to inform, educate and serve library patrons.</p> <p>Students will be more prepared to function in an online learning environment.</p>
Program/Degree - CSU GE Breadth	<p>Students will understand and be able to describe the mission and roles of a library in its community, and the mission of libraries in general.</p> <p>Intellectual and Practical Skills: B</p>
	Intellectual and Practical Skills: C
Program/Degree - General Education	Intellectual and Practical Skills: F
	Intellectual and Practical Skills: B
	Intellectual and Practical Skills: C
Program/Degree - General Studies	Intellectual and Practical Skills: F
	Intellectual and Practical Skills: B
	Intellectual and Practical Skills: C
Program/Degree - General Studies-Arts/Humanities	Intellectual and Practical Skills: F
	Intellectual and Practical Skills: B
	Intellectual and Practical Skills: C
Program/Degree - General Studies-Science/Math	Intellectual and Practical Skills: F
	Intellectual and Practical Skills: B
	Intellectual and Practical Skills: C
Program/Degree - General Studies-Social/Behavior Sc	Intellectual and Practical Skills: F
	Intellectual and Practical Skills: B
Program/Degree - IGETC	Intellectual and Practical Skills: C
	Intellectual and Practical Skills: F
Program/Degree - Univ Studies-Business	Intellectual and Practical Skills: B

Unit Name	Outcome
	Intellectual and Practical Skills: C
	Quantitative Literacy
Program/Degree - Univ Studies-Education	Intellectual and Practical Skills: B
	Intellectual and Practical Skills: C
	Quantitative Literacy
Program/Degree - Univ Studies-Fine/Perform Arts	Intellectual and Practical Skills: B
	Intellectual and Practical Skills: C
	Quantitative Literacy
Program/Degree - Univ Studies-Health/Fitness	Intellectual and Practical Skills: B
	Intellectual and Practical Skills: C
	Quantitative Literacy
Program/Degree - Univ Studies-Humanities	Intellectual and Practical Skills: B
	Intellectual and Practical Skills: C
	Quantitative Literacy
Program/Degree - Univ Studies-Math and Science	Intellectual and Practical Skills: B
	Intellectual and Practical Skills: C
	Quantitative Literacy
Program/Degree - Univ Studies-Media/Communication	Intellectual and Practical Skills: B
	Intellectual and Practical Skills: C
	Quantitative Literacy
Program/Degree - Univ Studies-Social Sciences	Intellectual and Practical Skills: B
	Intellectual and Practical Skills: C
	Quantitative Literacy
Program/Degree - Univ Studies-World Languages	Intellectual and Practical Skills: B
	Intellectual and Practical Skills: C
	Quantitative Literacy