



STUDENT LEARNING OUTCOMES

WCC 2018

Student Success and Institutional Effectiveness

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Institutional Student Learning Outcomes (ISLO)

Institutional Educational Goal	Student Learning Outcome
Communication	Effectively use language and non-verbal communication consistent with and appropriate for the audience and purpose.
Computation	Use appropriate mathematical concepts and methods to understand, analyze, and communicate issues in quantitative terms.
Critical Thinking	Analyze data/information in addressing and evaluating problems and issues in making decisions.
Global Awareness	Articulate similarities and differences among cultures, times, and environments, demonstrating an understanding of cultural pluralism and knowledge of global issues.
Information Competency	Conduct, present, and use research necessary to achieve educational, professional, and personal objectives.
Personal and Social Responsibility	Interact with others by demonstrating respect for opinions, feelings, and values.
Technological Awareness	Select and use appropriate technological tools for personal, academic, and career tasks.
Scientific Awareness	Understand the purpose of scientific inquiry and the implications and applications of basic scientific principles.

Example of Student Learning Outcome & Institutional Student Learning Outcomes

<p>Instructional Unit: Anthropology</p>	<p>Course Student Learning Outcome & Institutional Student Learning Outcome</p> <ol style="list-style-type: none">1. Students will be able to analyze data/information in addressing and evaluating problems and issues pertaining to Anthropology. (Critical Thinking)2. Students will be able to articulate similarities and differences among cultures, times, and environments, demonstrating an understanding of cultural pluralism and knowledge of global issues as it pertains to Anthropology. (Global Awareness)3. Through an understanding of Anthropology, students will be able to interact with others by demonstrating respect for opinions, feelings, and values. (Personal and Social Responsibility)
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Programs & Services	Student Learning Outcome (SLO)
Admissions & Records	<ol style="list-style-type: none"> 1. Students will demonstrate an increased understanding of various registration processes. 2. Students will be able to utilize registration tools available to them through the web component.
Assessment Center	<ol style="list-style-type: none"> 1. Students will be able to complete testing and assessment with little or no problem using information provided at the college. 2. Students will be able to access internet based resources to enhance their skills prior to completing placement testing.
CalWORKS (California Works Opportunity and Responsibility to Kids)	<ol style="list-style-type: none"> 1. The CALWORKS student will develop a Student Educational Plan (SEP) with the CalWORKS Counselor that is consistent with their welfare-to-work activity contract. 2. The CALWORKS student will be familiar with how to access on/off campus resources to help them become successful students.
Outreach and Recruitment Office	<ol style="list-style-type: none"> 1. Students will be able to communicate effectively and use language and non-verbal communication consistent with and appropriate for the audience and purpose. 2. Students will develop critical thinking skills and thus analyze data/information in addressing and evaluating problems and issues in making decisions. 3. Students will select and use appropriate technological tools for personal, academic, and career tasks.
Career Center	<ol style="list-style-type: none"> 1. Students will be able to identify their individual personality, interest and skills as it relates to selecting a career or major.

<p>Cooperative Agencies Resources for Education (C.A.R.E)</p>	<ol style="list-style-type: none"> 1. At the end of one year in the C.A.R.E. program, students will be able to identify and understand the various educational options offered at WCC available to them to successfully complete the requirements needed for their academic goal. 2. The student will develop with the C.A.R.E. counselor a six semester Student Educational Plan (SEP) that will identify and outline the course work needed to be consistent with their academic goal. 3. As a result of participating in the C.A.R.E. orientation, the student will be able to identify and understand the requirements needed to be in compliance with the C.A.R.E. program.
<p>Counseling Center</p>	<ol style="list-style-type: none"> 1. Students will be able to identify available educational resources. 2. Students will be able to identify his/her educational goal. 3. Students will be able to formulate a plan of courses in which to enroll.
<p>Department of Supportive Programs & Services (DSPS)</p>	<ol style="list-style-type: none"> 1. Students will communicate their needs to help facilitate equal access at the post-secondary level. 2. Students will be aware of information to help facilitate success at the post-secondary level. 3. Evaluate information, draw reasonable conclusions, and apply these conclusions to personal, community and academic environments as needed.

<p>Extended Opportunity Programs and Services (EOP&S)</p>	<ol style="list-style-type: none"> 1. At the end of one year in the EOP&S program, students will be able to identify and understand the various educational options offered at WCC available to them to successfully complete the requirements needed for their academic goal. 2. The student will develop with the EOP&S counselor a six semester Student Educational Plan (SEP) that will identify and outline the course work needed to be consistent with their academic goal. 3. As a result of participating in the EOP&S orientation, the student will be able to identify and understand the requirements needed to be in compliance with the EOP&S program.
<p>Financial Aid</p>	<ol style="list-style-type: none"> 1. Students will be able to know and adhere to deadlines and priority dates; properly and accurately complete all necessary forms of financial aid using technology; i.e. apply through the web. 2. Students will understand government philosophy of Financial Aid and learn application process by submitting complete and accurate package of requested information and/or documentation in a timely manner.
<p>Library/Media Services</p>	<ol style="list-style-type: none"> 1. Students will employ the use of their library card to conduct research.
<p>Transfer Center</p>	<ol style="list-style-type: none"> 1. As a result of discussing transfer with a counselor, a student will be able to identify on-line resources that they can utilize to facilitate their transfer process. 2. Students will be able to identify courses needed for transfer through the development of an educational plan with a counselor.
<p>TRiO/Student Support Services (SSS)/Student Support Services (ESL)</p>	<ol style="list-style-type: none"> 1. Students in the TRiO programs will identify their educational goals and design a plan to achieve these goals. 2. Students will demonstrate effective leadership skills. 3. Students will apply effective interpersonal communication skills in their interactions.

Veterans Affairs Office

1. Students will be able to receive VA educational benefits for a determined length of time.
2. Students will be informed of any additional benefit to assist student, offer additional awareness of program availability and access.

Instructional Units	Student Learning Outcome (SLO)
Administration of Justice	<ol style="list-style-type: none"> 1. Effectively use language and non-verbal communication consistent with and appropriate for application in the Criminal Justice System through classroom discussion, exercises and written assignments. 2. Evaluate and analyze information when addressing issues within the criminal justice system, draw reasonable conclusions that encompass criminal law, social expectation and ethical standards through classroom discussion, exercise and written assignments. 3. Demonstrate respect and acceptance of differing opinions, feelings and, values of others through the development of listening skills that promote ethical and equitable application of Criminal Law through classroom discussion, exercises and written assignments.
Agriculture	<ol style="list-style-type: none"> 1. Evaluate agricultural data, draw reasonable conclusions, recognize the environmental implications of these conclusions, and apply these conclusions to examples used in industry.
Agriculture Science (Associate in Science)	<ol style="list-style-type: none"> 1. Identify and apply the principles and techniques of modern crop and livestock management. 2. Demonstrate scientific evaluation skills including interpreting graphs and data from scientific papers. 3. Describe fundamental car practices for animals, including selection, handling and management.
Agriculture Animal Science (Associate in Science for Transfer Degree)	<ol style="list-style-type: none"> 1. Evaluation of agricultural data as it relates to animal production, draw reasonable conclusions, recognize the environmental implications of these conclusions, and apply these conclusions to examples used in the industry. 2. Evaluate and apply scientific knowledge into working skills used in animal sciences.

<p>Agriculture Business (Associate in Science for Transfer Degree)</p>	<ol style="list-style-type: none"> 1. Students will be competent with evaluation of agricultural data, draw reasonable conclusions, recognize the environmental implications of these conclusions, and apply these conclusions to examples used in the industry. 2. Students will critically evaluate and apply scientific knowledge into working skills used in the Agriculture field.
<p>Agriculture Business (Certificate of Achievement)</p>	<ol style="list-style-type: none"> 1. Apply critical thinking skills to information related to and applied to agricultural business; develop conclusions, and apply sound practices and problem solving during business processes. 2. Apply the scientific method to understand, critically evaluate, and apply scientific knowledge into applied working skills in the agricultural business industry.
<p>Sustainable Agriculture (Certificate of Achievement)</p>	<ol style="list-style-type: none"> 1. Evaluate agricultural data, draw reasonable conclusions, recognize the environmental implications of these conclusions, and apply these conclusions to examples used in the industry.
<p>Environmental Horticulture</p>	<ol style="list-style-type: none"> 1. Critical Thinking: Evaluate agricultural data, draw reasonable conclusions, recognize the environmental implications of these conclusions, and apply these conclusions to examples used in the industry.
<p>Agriculture Plant Science (Associate in Science for Transfer Degree)</p>	<ol style="list-style-type: none"> 1. Demonstrate critical thinking skills related to scientific research and application of data in the plant science industry. 2. Develop and apply the scientific method as it relates to problem solving across topics in plant science.

<p>Anthropology</p>	<ol style="list-style-type: none"> 4. Students will be able to analyze data/information in addressing and evaluating problems and issues pertaining to Anthropology. (Critical Thinking) 5. Students will be able to articulate similarities and differences among cultures, times, and environments, demonstrating an understanding of cultural pluralism and knowledge of global issues as it pertains to Anthropology. (Global Awareness) 6. Through an understanding of Anthropology, students will be able to interact with others by demonstrating respect for opinions, feelings, and values. (Personal and Social Responsibility)
<p>Anthropology (Associate in Arts for Transfer Degree)</p>	<ol style="list-style-type: none"> 1. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); Or the Intersegmental General Education Transfer Curriculum identify and discuss major topics relevant to physical anthropology, cultural anthropology, and archaeology. 2. Identify and practice key aspects of anthropological research methodology. 3. Critically analyze and interpret anthropological data.
<p>Art</p>	<ol style="list-style-type: none"> 1. The student will be able to analyze and discuss different influences in the historical developments in the visual arts. 2. The student will be able to demonstrate proficiency in the application of new technologies for the purpose of digital and/or other visual art presentations. 3. The student will be able to collaborate with other artists through planning, presentation, and advertising to present an art exhibit for peer and public review.
<p>Astronomy</p>	<ol style="list-style-type: none"> 1. Mathematical calculations in astronomy problem solving. 2. Learning how to think and reason scientifically to solve real life problems. 3. Awareness of the scientific method as it relates to astronomy.

<p>Biology</p>	<ol style="list-style-type: none"> 1. Identify and apply the steps of the scientific method in order to design and conduct laboratory or field experiments, collect and analyze results, and solve problems in the biological sciences. 2. Identify and apply the central concepts, hypotheses, and theories that comprise the major areas of the biological sciences, including cell and organism structure and function, evolution, and ecology. 3. Communicate biological information in oral and/or written form (scientific lab reports, oral presentations, posters, research proposals, etc.), using appropriate oral and written presentation formats, proper scientific terminology, and appropriate use and evaluation of primary literature and/or news media reports.
<p>Biology (Associate in Science for Transfer Degree)</p>	<ol style="list-style-type: none"> 1. Understand the purpose of scientific inquiry and the implications and applications of basic scientific principles. 2. Analyze data/information in addressing and evaluating problems and issues in making decisions. 3. Using the scientific method, students will be able to correctly interpret experimental data and effectively communicate the findings and implications of that data in writing. 4. Using examples, apply evolutionary theory to an understanding of the unity and diversity of life.
<p>Business</p>	<ol style="list-style-type: none"> 1. Create accurate, professional, and appropriate accounting documents and reports for the business entity served. 2. Compute financial data using accounting concepts and methods to understand, analyze, and communicate issues in quantitative terms. 3. Analyze accounting data/information in addressing and evaluating problems and issues in making informed business decisions. 4. Demonstrate effective use of technology applicable to the accounting field.

<p>Business Computer Applications</p>	<ol style="list-style-type: none"> 1. The student will use multiple computer applications to solve business problems. 2. The student will correctly use existing data and a broad range of computer application skills to solve unique functional area problems. 3. The student will be able to correctly identify current trends of technology used in business applications.
<p>General Business</p>	<ol style="list-style-type: none"> 1. Understand business terms and concepts, and effectively communicate using the language of business. 2. Use specific problem-solving tools to make informed decisions when assessing alternative courses of action. 3. Apply concepts and processes to analyze and evaluate various business situations/actions. 4. Understand information technologies as they influence the structure and process of organizations and economies, and as they influence the roles and techniques of management.
<p>Administrative Assistant (Associate in Science)</p>	<ol style="list-style-type: none"> 1. Apply communications skills professionally to work effectively with diverse business groups- in writing and verbally. Use appropriate language, terminology, non-verbal expression, interpersonal skills and ethics consistent with the work environment. 2. Research, analyze, organize, evaluate, store, retrieve and disseminate accurate, detailed business data and communications. Solve basic business calculations involving areas such as payroll, inventory, budgeting and banking. 3. Demonstrate self-discipline, organization and soft skills necessary to confidently complete work independently, accurately, to specifications and on time- and to professionally present their work both orally and in writing. 4. Competently use office technologies and resources in creating, storing, retrieving and distributing business-quality documents and presentations.

<p>Administrative Assistant (Certificate of Achievement)</p>	<ol style="list-style-type: none"> 1. Research, analyze, organize, evaluate, store, retrieve and disseminate accurate, detailed business data and communications. Solve basic business calculations involving areas such as payroll, inventory, budgeting and banking. 2. Competently use office technologies and resources in creating, storing, retrieving and distributing business-quality documents and presentations. 3. Demonstrate self-discipline, organization and soft skills necessary to confidently complete work independently, accurately, to specifications and on time- and to professionally present their work both orally and in writing.
<p>Management and Supervision</p>	<ol style="list-style-type: none"> 1. The student will design and complete professional management documents to support communication within the business environment. 2. The student will assess business data in the evaluation of business management. 3. The student will analyze various strategies for effective business management. 4. The student will demonstrate an understanding of the role of technology within the management of business environment.
<p>Chemistry</p>	<ol style="list-style-type: none"> 1. Mathematical calculations in chemistry problem solving. 2. Learning how to think and reason scientifically to solve real life problems. 3. Awareness of the scientific method as it relates to chemistry.
<p>Communication Studies</p>	<ol style="list-style-type: none"> 1. The student upon completion of this program will be able to demonstrate the communication skills necessary to engage in personal, professional, civic, and social relationship. 2. The student upon completion of this program will be able to demonstrate and apply critical thinking skills in a variety of communication studies context.

<p>Computer Science</p>	<ol style="list-style-type: none"> 1. The student will correctly apply data in the design of computer programs. 2. The student will analyze computer application for accuracy and effectiveness.
<p>Culinary Arts</p>	<ol style="list-style-type: none"> 1. Students can create two seasonal sustainable 5 course menus using seafood from the Monterey Bay Aquarium’s seafood watch program, local seasonal produce and proteins. 2. Students can successfully cost a aromas (Customize) menu and fits its accurate selling cost. 3. Students can successfully obtain employment in the restaurant and hospitality field. 4. Students will demonstrate professionalism in appearance, teamwork and promptness. 5. Student will understand and utilize the appropriate cooking methods and techniques according to industry standards.
<p>Culinary Arts (Certificate of Achievement)</p>	<ol style="list-style-type: none"> 1. Student will understand and demonstrate the ability to clean, organize and sanitize according to industry standards in food handling, and restaurant service. 2. Student will understand and utilize appropriate cooking methods and techniques according to industry standards. 3. Students will demonstrate professionalism in appearance, teamwork and promptness. 4. Students can use micros point of sale system to input on order at aromas café. 5. Student can accurately cost a aromas recipe.

<p>Baking (Certificate of Achievement)</p>	<ol style="list-style-type: none"> 1. Students can successfully create a bake shop/restaurant business plan. 2. Students can successfully cost a standardized pastry recipe and find it's accurate selling cost. 3. Students can demonstrate French pastry techniques. 4. Student will understand and demonstrate the ability to clean, organize and sanitize according to industry standards in food handling and restaurant service. 5. Student will understand and utilize appropriate baking methods and techniques according to industry standards. 6. Students will demonstrate professionalism in appearance, teamwork and promptness.
<p>Digital Media</p>	<ol style="list-style-type: none"> 1. Critique motion graphic design works. 2. Conceive visual solutions for successful visual communication. 3. Analyze and implement design principles relevant to motion graphic design. 4. Synthesize concepts of motion graphic design and apply them to visual compositing, animation, graphic design and digital video. 5. Combine various technical skills in the field of motion graphic design.
<p>Early Childhood Education</p>	<ol style="list-style-type: none"> 1. Develop and refine both non-verbal and verbal communication skills to enhance professionalism when working with children, families, and co-workers in the child care field. 2. Evaluate and analyze the use of different developmental theories and instructional strategies that encourage development of critical thinking, problem solving, and performance skills when working with children and families. 3. Students will learn and practice professional ethics, personal and social responsibility, and effective team membership in their work as child care professionals.

<p>Ecology</p>	<ol style="list-style-type: none"> 1. Identify and apply the steps of the scientific method in order to design and conduct laboratory or field experiments, collect and analyze results, and solve problems in the biological sciences. 2. Identify and apply the central concepts, hypotheses, and theories that comprise the major areas of the biological sciences, including cell and organism structure and function, evolution, and ecology. 3. Communicate biological information in oral and/or written form (scientific lab reports, oral presentations, posters, research proposals, etc.), using appropriate oral and written presentation formats, proper scientific terminology, and appropriate use and evaluation of primary literature and/or news media reports.
<p>Economics</p>	<ol style="list-style-type: none"> 1. The student will analyze specific economic markets to explain and predict changes in price and economic behavior. 2. The student will be able to identify various international policy options using economic terminology when given an economic problem. 3. The student will demonstrate an understanding of individual choices as they relate to overall economic systems.
<p>Economics (Associate in Arts for Transfer Degree)</p>	<ol style="list-style-type: none"> 1. Explain terms and concepts used in macroeconomics and microeconomics. 2. Solve problems requiring the application of economics, statistics, and mathematics. 3. Apply critical thinking skills to evaluate the credibility of economic theories, concepts, and research.
<p>Education – College Success (Certificate of Achievement)</p>	<ol style="list-style-type: none"> 1. Attain eligibility for courses meeting graduation competency requirements in writing and computation. 2. Identify and practice foundational skills for college success. 3. Analyze structural and cultural factors that impact student success in the education pipeline.

<p>Emergency Medical Technician</p>	<ol style="list-style-type: none"> 1. Demonstrate and confirm knowledge of current information they need to work in the field of emergency medicine as an EMT. 2. Comprehend and achieve the basic educational requirements for most paramedic programs in the state and country. Most paramedic programs will require at least 1 year work experience as an EMT on an ambulance as an application requirement for Paramedic school. 3. Demonstrate and incorporate professional values and standards for medical personal (personnel) that the industry requires in pre-hospital emergency medicine.
<p>English</p>	<ol style="list-style-type: none"> 1. Interpret, analyze, or respond to the writing of others and incorporate the ideas of others in their own writing. 2. Write clearly and concisely on assigned topics consistent with and appropriate for the intended audience and purpose.
<p>English as a Second Language</p>	<ol style="list-style-type: none"> 1. Effectively use English language in academic and social situations as appropriate. 2. Evaluate and respond to ideas and arguments in academic and nonacademic situations.
<p>Environmental Technology</p>	<ol style="list-style-type: none"> 1. Upon completion of this certificate program students will be prepared to take and pass the water treatment exam given by the California Department of Public Health. 2. Upon completion of this certificate program students will be prepared to take and pass the water distribution exam given by the California Department of Public Health. 3. Upon completion of this certificate program students will be prepared to take and pass the wastewater treatment exam given by the California Water Resources Development Department.

<p>Ethnic Studies</p>	<ol style="list-style-type: none"> 1. Students who complete the Ethnic Studies program will understand, compare, and contrast the concepts of race and ethnicity in the U.S. society. 2. Students who complete the Ethnic Studies program will identify global historical events and social movements that have shaped racial ethnic relations in U.S. society. 3. Students who complete the Ethnic Studies program will understand the implications of institutional racism. 4. Students who complete the Ethnic Studies program will understand the social construction of ethnic identity.
<p>Social and Behavioral Sciences (Associate in Arts)</p>	<ol style="list-style-type: none"> 1. Students will think critically about the social world and be able to evaluate theories and evidence from multiple social science disciplines. 2. Students will demonstrate global awareness of diverse social structures, concepts and constructs. 3. Students will demonstrate personal and social responsibility through understanding and articulating the mutually constituting relationship between self and society.
<p>Geography</p>	<ol style="list-style-type: none"> 1. Students will be able to use appropriate mathematical concepts and methods to understand, analyze, and communicate issues of geology, geography, and/or physical science in quantitative terms. 2. Students will be able to analyze data/information in addressing and evaluating problems and issues pertaining to geology, geography, and/or physical science. 3. Students will be able to understand the purpose of scientific inquiry and the implications and applications of basic scientific principles within the fields of geology, geography, and/or physical science.

<p>Geology</p>	<ol style="list-style-type: none">1. Students will be able to use appropriate mathematical concepts and methods to understand, analyze, and communicate issues of geology, geography, and/or physical science in quantitative terms.2. Students will be able to analyze data/information in addressing and evaluating problems and issues pertaining to geology, geography, and/or physical science.3. Students will be able to understand the purpose of scientific inquiry and the implications and applications of basic scientific principles within the fields of geology, geography, and/or physical science.
<p>Health Education</p>	<ol style="list-style-type: none">1. The student will correctly identify the benefits of a healthy and active lifestyle.2. The student will appraise different methodologies of positive behavioral changes as it relates to health and physical education.3. The student will apply basic principles of health and wellness to develop an informed, personal approach to mental and physical health.
<p>History</p>	<ol style="list-style-type: none">1. Recognize and articulate how past events are interconnected throughout the world.2. Recognize and articulate the many struggles and accomplishments of different cultural groups from past events.3. Analyze information and data to achieve a better understanding of present society in reference to the past.

Human Services

1. Students will demonstrate skills and abilities and appropriately apply knowledge to work settings and situations.
2. Students will demonstrate communication skills (verbal, non-verbal, and written) that insure they can work effectively with clients and other professionals within the community.
3. Students will understand and demonstrate ethical behavior in a variety of challenging situations.
4. Students will display an understanding of and respect for other people and cultures.
5. Students will understand their personal values and beliefs, and be able to compare and contrast them to the value and belief systems of other diverse groups within society.

<p>Chemical Dependency Counselor (Certificate of Achievement)</p>	<ol style="list-style-type: none"> 1. Students will demonstrate skills and abilities and appropriately apply knowledge to chemical dependency counseling settings and situations. 2. Students will acquire sufficient hours of experience in the twelve core counseling functions as required by California certification agencies in the context of a field work placement. 3. Students will demonstrate communication skills (verbal, non-verbal, and written) that insure they can work effectively with clients and other professionals in diverse communities. 4. Students will understand and demonstrate ethical behavior in a variety of challenging and diverse environments and situations. 5. Students will display and appreciation and respect for people from diverse backgrounds, including, but not limited to, cultural elements such as age, gender, race/ethnicity, sexual orientation/identification, religion, ability/disability, and socio-economic status. 6. Students will understand the process of certification required for entry level employment as Addiction Treatment Counselors, and the career ladder opportunities open to them with further education.
<p>Library Science</p>	<ol style="list-style-type: none"> 1. Student will be able to formulate, revise, and articulate a research statement. 2. Students will be able to evaluate a website for such criteria as authority, accuracy, objectivity, currency and coverage/suitability.
<p>Mathematics</p>	<ol style="list-style-type: none"> 1. Apply appropriate mathematical and statistical concepts, models, and methods to understand, analyze and communicate results when dealing with issues involving quantitative information. 2. Analyze data and numerical information to evaluate, interpret, and draw objective conclusions when facing quantitative problems.

<p>Mathematics (Associate in Science for Transfer Degree)</p>	<ol style="list-style-type: none"> 1. Computation (CMT): apply appropriate mathematical and statistical concepts, models, and methods to understand, analyze and communicate results when dealing with issues involving quantitative information. 2. Critical Thinking (CRT): analyze data and numerical information to evaluate, interpret, and draw objective conclusions when facing quantitative problems.
<p>Music</p>	<ol style="list-style-type: none"> 1. The student will be able to express in written and oral formats a correct comprehension of musical concepts including rhythm, melody, harmony, and form. 2. The student will be able to demonstrate proficiency in new technologies for the purpose of research, communication, composition, recording and performance. 3. The student will be able to interact appropriately with others in the assessment of musical performance assignments, including collaboration with other musicians.
<p>Nutrition</p>	<ol style="list-style-type: none"> 1. Analyze the physiological processing of nutrients as they relate to energy balance, energy metabolism, and physical activity. 2. Assess methods for improving health through dietary and lifestyle modifications. 3. Analyze the relationship between health and development. 4. Demonstrate familiarity with scientific method and statistical analyses.
<p>Philosophy</p>	<ol style="list-style-type: none"> 1. The student will be able to appraise, critique, and evaluate major philosophical systems by comparing and contrasting conceptual similarities and differences. 2. The student will be able to demonstrate the ability to assess, and evaluate political and cultural thought. 3. The student through interaction with other classmates will demonstrate a respect for philosophical opinions, feelings, and values.

<p>Physical Science</p>	<ol style="list-style-type: none"> 1. Students will be able to use appropriate mathematical concepts and methods to understand, analyze, and communicate issues of geology, geography, and/or physical science. 2. Students will be able to analyze data/information in addressing and evaluating problems and issues pertaining to geology, geography, and/or physical science. 3. Students will be able to understand the purpose of scientific inquiry and the implications and applications of basic scientific principles within the fields of geology, geography, and/or physical science.
<p>Physics</p>	<ol style="list-style-type: none"> 1. Mathematical calculations in physics problem solving. 2. Learning how to think and reason scientifically to solve real life problems. 3. Awareness of the scientific method as it relates to physics.
<p>Political Science</p>	<ol style="list-style-type: none"> 1. Analyze data/information in understanding and articulating different forms of political theory. 2. Articulate similarities and differences within international governments and politics. 3. Interact with others and discover that through applying their political skills, people can make a positive difference in their communities.

<p>Psychology</p>	<ol style="list-style-type: none"> 1. Demonstrate respect for the psychological differences in opinions, feelings and values of others in one's interactions. 2. Analyze psychological data/information/theories, draw reasonable conclusions in relation to human behavior from the data/information/theories, recognize the implications when addressing and evaluating human related problems and issues in making decisions. 3. Articulate similarities and differences in human behavior among cultures, times, and environments, demonstrating an understanding of cultural pluralism and knowledge of global issues as they relate to human behavior.
<p>Reading</p>	<ol style="list-style-type: none"> 1. Effectively comprehend information communicated through texts. 2. Identify and evaluate the meaning and purpose of key ideas in texts.
<p>Sign Language</p>	<ol style="list-style-type: none"> 1. The student will be able to demonstrate the ability to carry on a sign language conversation consistent with the ability of a third semester language learner with a deaf individual or group of deaf individuals. 2. The student will be able to analyze the impact on a deaf person's life in the following areas: world of work, education, family, language and social development.
<p>Social Justice Studies</p>	<ol style="list-style-type: none"> 1. Identify and analyze the ways injustices are institutionalized in social, political, and economic structures. 2. Recognize and connect the ways individuals and institutions may be beneficiaries and/or victims of social injustice. 3. Identify and practice the methods people use to fight for social justice at local, national, and international levels.
<p>Social Science</p>	<ol style="list-style-type: none"> 1. Students will demonstrate an understanding of a variety of social science concepts.

<p>Sociology</p>	<ol style="list-style-type: none"> 1. Demonstrate an understanding of the connection between theory and evidence in the social sciences: A. Compare, contrasts, and apply major sociological theories. B. Cite and evaluate evidence to support claims about the social world. 2. Demonstrate an understanding of the concept and the consequences of social construction as they relate to major social stratification categories like class, race, and gender. 3. Develop and apply a “sociological imagination” to recognize the role macro, social forces play in shaping the lives of individuals.
<p>Sociology (Associate in Arts for Transfer Degree)</p>	<ol style="list-style-type: none"> 4. Demonstrate an understanding of the connection between theory and evidence in the social sciences by comparing and applying major sociological theories and by citing and evaluating evidence to support claims about the social world. 5. Demonstrate an understanding of the concept and the consequences of social construction as they relate to major social stratification categories like class, race, and gender. 6. Develop and apply a “sociological imagination” to recognize the role social forces paly in shaping the lives of individuals. 7. Complete transfer requirements for further study in sociology and related fields.
<p>Spanish</p>	<ol style="list-style-type: none"> 1. The student will be able to demonstrate the ability to carry on a Spanish language conversation consistent with the ability of a third semester language learner. 2. The student will be able to identify correct vocabulary and sentence structure as appropriate to effective Spanish speaking.

<p>Statistics</p>	<ol style="list-style-type: none">1. Apply appropriate mathematical and statistical concepts, models, and methods to understand, analyze and communicate results when dealing with issues involving quantitative information.2. Analyze data and numerical information to evaluate, interpret, and draw objective conclusions when facing quantitative problems.
<p>Theatre Arts</p>	<ol style="list-style-type: none">1. The student will be able to identify and discuss the multi-dimensional qualities of theatrical productions including: lighting, set design, costumes, and sound design.2. The student will be able to demonstrate an understanding and appropriate application regarding the technical aspects of the theatre arts.3. The student will be able to interact appropriately with others to complete theatrical performance assignments.
<p>Welding</p>	<ol style="list-style-type: none">1. Upon completion of this certificate, students will understand safety issues as they pertain to shop safety, occupational safety, and personal safety.2. Students will be able to assess welding problems and defects and provide a solution.