

<p><b>Sociology</b></p> <p><b>Sociology - AA-T</b></p> <ul style="list-style-type: none"> <li>• Upon completion of AA-T in Sociology, the students should be able to analyze and describe the major concepts, theoretical perspectives, empirical findings, and historical trends in sociology.</li> <li>• Upon completion of AA-T in Sociology, the students should be able to demonstrate critical thinking and analytic skills in the application of social theory to solve problems that arise in institutional and societal contexts.</li> </ul>
<p><b>Welding Technology</b></p> <p><b>Welding Technology - AS</b></p> <ul style="list-style-type: none"> <li>• Upon successful completion of the AS in Welding Technology, students will be able to operate safely in a welding workplace environment.</li> <li>• Upon successful completion of the AS in Welding Technology, students will have skills necessary to pass an American Welding Society standard welding certification test.</li> </ul> <p><b>Welding Technology - Certificate of Achievement</b></p> <ul style="list-style-type: none"> <li>• Upon successful completion of the Certificate of Achievement in Welding Technology, students will be able to operate safely in a welding workplace environment.</li> <li>• Upon successful completion of the Certificate of Achievement in Welding Technology, students will have skills necessary to pass an American Welding Society standard welding certification test.</li> </ul>
<p><b>STEM</b></p> <p><b>Biological Sciences</b></p> <p><b>Biological Sciences - AA</b></p> <ul style="list-style-type: none"> <li>• Upon successful completion of an AA in Biological Sciences, students are able to explain and apply basic principles and processes of biology at different levels, from the biochemical to the ecological.</li> <li>• Upon successful completion of an AA in Biological Sciences, students are able to design, conduct, analyze, and/or report results of investigations and experiments in the laboratory and/or field.</li> <li>• Upon successful completion of an AA in Biological Sciences, students are proficient in standard biology lab techniques and lab safety procedures.</li> </ul> <p><b>Biology - AS-T</b></p> <ul style="list-style-type: none"> <li>• Upon successful completion of an AS-T in Biology, students are able to design, conduct, analyze, and/or report results of investigations and experiments in the laboratory and/or field.</li> <li>• Upon successful completion of an AS-T in Biology, students are able to explain and apply basic principles and processes of biology at different levels, from the biochemical to the ecological.</li> <li>• Upon successful completion of an AS-T in Biology, students are proficient in standard biology lab techniques and lab safety procedures.</li> </ul> <p><b>Biology: Allied Health - AA</b></p> <ul style="list-style-type: none"> <li>• Upon successful completion of an AA in Biology: Allied Health, students are able to explain and apply the basic processes of homeostasis in humans from the cellular to the organismal level.</li> <li>• Upon successful completion of an AA in Biology: Allied Health, students are able to conduct, analyze, and report results of experiments.</li> <li>• Upon successful completion of an AA in Biology: Allied Health, students are proficient in standard biology lab techniques and lab safety procedure.</li> </ul>
<p><b>Chemistry</b></p> <p><b>Chemistry - AS</b></p> <ul style="list-style-type: none"> <li>• Upon completion of the AS in Chemistry, the student should be able to demonstrate proficiency in solving complex problems in and conceptual understanding of General Chemistry as measured by the ACS Full-Year General Chemistry Exam.</li> <li>• Upon completion of the AS in Chemistry, the student should be able to demonstrate proficiency in solving complex problems in and conceptual understanding of Organic Chemistry as measured by the ACS Full-Year Organic Chemistry Exam.</li> </ul> <p><b>Chemistry Education - AA</b></p> <ul style="list-style-type: none"> <li>• Upon completion of the AA in Chemistry Education, the student should be able to demonstrate proficiency in solving complex problems in and conceptual understanding of General Chemistry as measured by the ACS Full-Year General Chemistry Exam.</li> <li>• Upon completion of the AA in Chemistry Education, the student should be able to demonstrate proficiency in solving complex problems in and conceptual understanding of Organic Chemistry as measured by the ACS Full-Year Organic Chemistry Exam.</li> </ul>
<p><b>Computer Information Systems</b></p>