

**Engineering Technology Emphasis in Computer Aided Design/Computer Aided Manufacturing
2008-09 Assessment Plan**

Expanded Statement of Institutional Purpose	Program Intended Educational Outcomes	Means of Program Assessment and Criteria for Success	Summary of Data Collected	Use of Results
<p><u>Mission Statement:</u></p> <p>Southern Utah University is a comprehensive, regional institution offering graduate, baccalaureate, associate, and technical programs. SUU is committed to providing an excellent education through a diverse, dynamic and personalized learning environment. The university educates students to be critical thinkers, effective communicators, lifelong learners and individuals who demonstrate integrity and empathy as they pursue their lives' ambitions.</p>	<ol style="list-style-type: none"> 1. Fundamental skills in 2 dimensional and 3 dimensional Computer Aided Design/Computer Aided Manufacturing (CAD/CAM), including the development of design skills in the areas of Architectural Design, Civil Design and Mechanical Design, extensive experience with a variety of software packages that are all currently used in business and industry, knowledge of manufacturing processes such as milling, boring, honing, etc. 2. The ability to become independent life-long learners capable of studying and comprehending new concepts and implementing ideas 3. Efficient and effective written and verbal communication skills 4. Teamwork and group projects in upper division courses 	<ol style="list-style-type: none"> 1. Meet annually formally and informally with an industry advisory committee and discuss what is taught in the program and consider their input as to any changes that they see need to be made. 2. CAD/CAM faculty are in contact with some graduates and are kept informed as to how their education at SUU prepared them for their careers and what changes they feel we should make. This is often done through e-mails and visits to their places of employment. 3. CAD/CAM faculty are involved in on-going professional development in areas that are being taught in the program. 4. Graduate employment rates have been at 100%. Placement information is based on e-mails from graduates. 5. Regular attendance and participation in Drafting/ CAD/CAM teachers' conferences. 		