

UNIVERSITY OF ALASKA FAIRBANKS
Student Learning Outcomes Assessment Plan
Drafting Technology Certificate
Community and Technical College

Expanded Statement of Institutional Purpose	Intended Objectives/Outcomes	Assessment Criteria and Procedures	Implementation (what, when, who)
<p>MISSION STATEMENT:</p> <p>We shall provide a quality undergraduate education in drafting technology responsive to the needs of individual students, industry partners and the diverse population of Alaska.</p> <p>GOAL STATEMENT:</p> <p>To assure that our graduates are adequately prepared to succeed in the drafting industry job market in their chosen area of expertise: i.e. Architectural, Civil, Structural, Mechanical, Electrical, or industrial drafting related industry.</p>	Students will meet expected outcomes in communications, computation, and human relations as listed in the core curriculum.	Student outcomes provided by core curriculum faculty in ENGL 111X, TTCH 131, and SOC 100X.	Program director will annually consult with listed programs every spring to verify that student outcomes meet program requirements
	Students will meet expected outcomes in communications, computation and human relations as listed by core.	Student outcomes verified by drafting and technical exercises embedded within the drafting coursework. Students will complete specific exercises pertaining to drafting and construction that test proficiency in computation, communications (written and oral), and human relations.	Program coordinator to annually review results with core programs to assure their student outcomes meet industry needs.
	Student will develop technical knowledge required to perform drafting related duties in their area of concentration as would be required in a professional setting (construction office, architectural or engineering firm, public agency, etc.).	A comprehensive portfolio of student's work will be compiled by the faculty during a student's time enrolled in the program. 80% of submitted sample drafting projects in portfolios shall meet expectations according to industry standards.	Will be reviewed according to a standard rubric by faculty and Drafting Technology Advisory Committee annually to insure: - completeness - organization - CAD competency - knowledge of relevant construction systems
	Students will have basic proficiency in Computer Aided Drafting (CAD) skills.	Students will pass a CAD certification exam and receive certification.	Faculty will administer certification exam for CAD at end of DRT F170 class and record resulting pass rates.

Revised August 18, 2012 by Thane Magelky