

## *Architecture/Construction Technology Management*

### ASSESSMENT OF STUDENT LEARNING

Measures	Gen Ed #1	Gen Ed #2	Gen Ed #3	Gen Ed #4	Gen Ed #5	Prog #1	Prog #2	Prog #3	Prog #4	Prog #5	Prog #6	Prog #7	Prog #8
E-portfolio	X		X										
CAAP	X	X											
Student Satisfaction Survey	X	X	X										
Advisory Board Survey	X	X	X										
ADT 1110				X		X	X						
ADT 1200				X		X		X				X	
ADT 2360				X							X		
CAD 1240				X			X		X				
ADT 2250				X				X		X			X

*Date created:*

*Date modified: October, 2008*

## GENERAL EDUCATION LEARNING OUTCOMES

1. **Communicate effectively**
2. **Evaluate arguments in a logical fashion**—Competence in analysis and logical argument are explicit learning goals for most general education programs, although these skills go by a variety of names (e.g., critical thinking, analysis, logical thinking, etc.). **Students will be able to demonstrate competence in problem solving in communication, mathematics, and in team settings.**
3. **Demonstrate an understanding of cultural differences and the knowledge of how to work effectively in a global and diverse culture and society.**
4. **Employ the methods of inquiry characteristic of natural sciences, social sciences, mathematics, and the arts and humanities**; general education introduces students to methods of inquiry in several fields of study and thereby prepares students to integrate information from different disciplines.
5. **Engage in our democratic society**—one of the overarching goals of general education is to prepare students to be active and informed citizens; the development of a disposition to participate in and contribute to our democracy is of equal importance to the goal of having the skills to do so intelligently.

**Learning Outcomes 1-3 will be measured for all students** through the CAAP assessment (Writing, Mathematics, and Critical Thinking) and through the e-portfolio (Writing and Cultural Diversity). Outcomes 1 and 2 will also be assessed through course and program assessment for applied degree programs.

**Learning Outcomes 1-5 will be assessed in specific courses included in the Transfer Module.**



## **PROGRAM OUTCOMES AND GOALS**

1. Use of proper building terms.
2. Produce a set of drawings in a professional manner by appropriate lettering, line weight, and neatness.
3. Demonstrate knowledge of construction standards and the ability to research new standards.
4. Use of CAD as a tool to produce working drawings such as plans, building sections, and details.
5. Research materials through various support products.
6. Calculate quantities of a building by looking at a set of working drawings.
7. How building codes will affect the building in the design process.
8. Demonstrate knowledge of sustainable architecture and how it is applied to building and site.