

**Environmental Systems Tech - Facilities Management
Program Assessment Plan**

Last Revised 1/28/2010

Catalog Description

This program leads to an associate in applied science degree with specialization in Environmental Systems Technology. Program graduates may qualify for occupations and careers in facilities management supervision, maintenance and operation in residential and commercial settings.

Environmental Systems Tech - Facilities Management Program Assessment Plan

Learning Outcome

Students will demonstrate HVAC design skills by properly interpreting Psychometric Charts.

Benchmark	Assessment Method	Assessment Date
269.1A 80% of the students will complete with an 80% (B) or better the required plotting and calculating of air properties using a Psychometric chart.	Collect, grade and record all completed chart plotting and calculations. Using a grading rubric.	5/1/2010

Environmental Systems Tech - Facilities Management Program Assessment Plan

Learning Outcome

Students will properly size a commercial duct system.

Benchmark	Assessment Method	Assessment Date
269.2A 80% of students in TER 1390 will complete a building duct system design with 85% accuracy.	Project rubric.	7/1/2010