



# Planning and Evaluation Tracking

College Year: 2009-2010

**Division of:** Industrial & Transportation Technologies

**Person Responsible:** Ed Nolte

**Department of:** Fire Protection Technology

**Person Responsible:**

**Purpose Statement:** Train candidates to become certified/licensed Firefighters.

Goal Statements	Objectives/Outcomes	Results	Use of Results
<p>1. Assess the <b>Technical Skill Attainment</b> for the Fire Protection Technology Program based on the Texas Commission on Fire Protection standards. Data is based on the number of licenses awarded over the academic year.</p>	<p>Exceed a 90% pass rate on the Texas Commission on Fire Protection Basic Firefighter exam.</p> <p>(Outcome is based on the number of students tested divided by the number of students who pass the state exam.)</p>	<p>Achieved a 96% pass rate for the 2008-2009 academic year.</p> <p>(27 students tested and 26 passed the Basic Firefighter exam (license) with a mean score of 81.45% and standard deviation of 6.39)</p>	<p>Continue to improve the quality of instruction. Strive to increase the individual passing scores to a mean of 85%.</p>
<p>2. Assess the <b>Retention or Transfer</b> of students enrolled in the Fire Protection Technology Program. Data is based on the number of students enrolled at the beginning of the academic program to completion.</p>	<p>Maintain an 85% completion rate for all students entering the Fire Protection Program annually.</p> <p>(Outcome is based on the number of students enrolled at the beginning of the academic program (Fall census date) to completion.)</p>	<p>Achieved a 96.4% completion rate for the 2008-2009 academic year for fire protection courses only. Not all students completed their program of study (students must complete EMT-basic to receive their certificate) at this time.</p> <p>(28 students began the Fire Protection Technology Program in the Fall 2008 semester. 27 students completed the academics.)</p>	<p>Goal #2 (Retention or Transfer) and Goal #1 (Technical Skill Attainment) support goal #4 (Placement of Students). If students do not pass the state exam, they are not eligible to work as firefighters.</p> <p>In addition, students must complete the EMT-basic classes and pass the National Registry Exam (EMT-Basic) to be hired by a municipal fire department.</p>
<p>3. Assess the <b>Nontraditional Participation and Completion</b> of the Fire Protection Technology Program. Data is based on the number of students enrolled at the beginning of the academic program to completion.</p>	<p>Achieve a 10% participation and completion rate for all nontraditional students entering the Fire Protection Technology Program annually.</p> <p>(Outcome is based on the number of nontraditional students enrolled at the beginning of the academic program (Fall census date) to</p>	<p>Achieved a 6.12% nontraditional (female) participation rate and a 8.33% nontraditional (female) completion rate.</p>	<p>These rates are below our desired outcomes, but above the state averages. We must continue to recruit diverse populations.</p>

	completion.)		
<p><b>4. Assess the Placement of Students</b> completing the Fire Protection Technology Program. Data is based on the number of students placed or retained in employment, or placed in military service or apprenticeship programs.</p>	<p>Maintain an 85% placement rate for all licensed Firefighters.</p> <p>(Outcome is based on the number of graduates/licensed firefighters who gain employment on a municipal, government or volunteer department within six months of program completion.)</p>	<p>Data indicates a 100% placement rate of fire graduates.</p> <p>Municipal fire departments require the civil service exam as part of the employment process. It often takes up to 3 years to be hired.</p>	<p>We were lucky. Students can enter the Fire Protection Technology Program at the completion of High School (17 to 18 years of age) but municipal fire departments require applicants to be 21 years or older to be hired.</p>