



## Tuloso-Midway High School College and Career Readiness Process Technology Program

An educational partnership with Del Mar College

PROCESS TECHNOLOGY prepares students for employment as process operators/technicians in the petrochemical, refinery, power generation, oil and gas production and other industries. The curriculum provides education in the areas of applied physical science, basic computer principles, operating equipment, instrumentation systems, process systems, statistical quality control, reactors, distillation process, safety, process troubleshooting, and basic proficiency in English, reading and mathematics.

The program is designed to gain the knowledge and skills to operate shutdown, problem solve and troubleshoot industrial processes. The vision is the implementation of a transitional program which can begin with the attainment of a Certificate in Process Technology continued by two – three semesters at Del Mar College leading to an Associate Degree in Applied Science: Process Technology

The goal for Tuloso-Midway Independent School District is to offer the opportunity for students to access as many courses leading to the successful completion of a Process Technology Certificate; which prepares students for entry level trainee jobs in the process industries, with the ultimate achievement of an Associate Degree in Applied Science: Process Technology at Del Mar College.

Benefits to TMISD students:

- » concepts that are to be taught will help prepare students for success in the workplace or in college courses.
- » this career and technical program enables students to gain entry-level employment in a high-skill, high-wage job and/or to continue their education.
- » Diverse instructional delivery of dual credit courses
- » On-site instruction
- » courses leading to a certificate and then continue to an Associates Degree in Applied Science
- » Two- year program of study leading to a career
- » Current Dual Credit Program (opportunity for AAS)
- » Del Mar College graduates job placement rate is above 80% with typical starting salaries beginning approximately between \$37,000 and \$ 47,000 a year.

### **Process Technology**

Certificate Program: 34 college hours 1.5 years

Associate Degree in Applied Science: Process Technology 69 college hours 2 years