

PROCESS TECHNOLOGY

Program Outcomes Assessment

Semester and Year: Fall 2021 – Spring 2022

Certificate Degree Diploma

Dean: Richard Louviere

Measurable Outcome(s)	Assessment Activity/Tool	Results	Use of Results	Estimated Cost(s)
Run one or more PTEC processing units and create a Piping & Instrument Diagram of an operating refinery/ petrochemical process.	Students will hand-draw a Piping & Instrument Diagram of one or more of the PTEC Laboratory Pilot Plants. Performance logs will also be utilized.			
Demonstrate the ability to work in one or more of the PTEC processing units while simulating real world activity as in the commercial units using inside/outside operator concepts, communicating via radios comparing inside/outside data.	A Performance Log will be documented and retained on each student demonstrating his/her ability to run the aforementioned Pilot Plants.			
Demonstrate knowledge of safety procedures, hazards, housekeeping, and appropriate cautions in the process technology industry.	A Performance Log will be documented and retained on each student's internship demonstrating his/her ability to follow company safety procedures and precautions.			