

VISION

To become a globally recognized association for certification of practicing engineers.

MISSION

Based on engineering first principles and practical real world applications, our curriculum has been vetted by academic and industry professionals. Through rigorous study and examination, candidates are able to prove their knowledge and experience. This body of certified professional engineers will become a network of industry professionals leading continuous improvement and education with improved ethics.



The Certified Process Technology Program prepares students for high paid careers as process technicians / operators, research technicians or laboratory technicians. Process technicians can find employment in such diverse areas as petrochemicals, refineries, fertilizer plants, pulp and paper mills, power generation, utilities, food and beverage, and pharmaceuticals.

The Certified Process Technician Program competencies listed below identify the major learning goals related to your specific program of study and identify the knowledge and skills you will have when you graduate to be successful in your chosen field.

- ⇒ Maintain safety, health, and environmental standards in a manufacturing plant.
- ⇒ Handle, store, and transport chemical materials according to all applicable federal, state, and local regulations.
- ⇒ Describe chemical / electrical process systems and operations.
- ⇒ Operate, monitor, and control – batch and continuous chemical processes – and energy generation.
- ⇒ Apply mathematical and statistical concepts and principles to process operations.
- ⇒ Use computers and computerized equipment for communications and process control.

Curriculum

- ⇒ Fundamentals
- ⇒ Health Safety and Environmental
- ⇒ Process Equipment
- ⇒ Process System
- ⇒ Industries
- ⇒ Quality