



Certificate Program Industrial Safety and Hygiene List of Electives

The elective courses are offered by the Department of Industrial Management and other Taiwan Tech departments. Students have to take three courses (9 credits). Please note that the courses might not be offered every semester.

- Production and Operations Management
- Work Study
- Materials Management
- Construction Materials
- Project Planning & Control
- Construction Management
- Foundation Engineering
- Electromechanical Utilities and Facilities
- Engineering Mechanics
- Materials Mechanics
- Engineering Statistics
- Introduction to Chemical Process Safety
- Environmental Management
- Environment Science
- Environment Engineering
- Process Design
- Energy Conservation Technology
- Industrial Pollution Control Practice
- Process Control
- Chemical Engineering Equipment Design
- Engineering Materials
- Applied Electronics
- Engineering Thermodynamics with Applications
- Dynamics





- Automatic Control
- Manufacturing Processes
- Noise Control and Measurements
- Reliability Engineering
- Non-Destructive Testing
- Corrosion and Corrosion Control
- Physical Processing of Fibers
- Fiber Chemical Finishing
- Polymer Processing
- Applied Mechanics
- Instrumental Analysis
- Control Systems Engineering (1)
- Thermodynamics