

# **Application Procedure for**

## **Admission in Industrial Safety and Hygiene Program**

Approved during the 1<sup>st</sup> Chair Alliance Meeting of Administration and Teaching, September 17, 1999

Approved during the 144<sup>th</sup> Academic Affairs Meeting, April 25, 2000

Approved during the 353<sup>rd</sup> Department Affairs Meeting, June 12, 2014

Approved during the 182<sup>nd</sup> Academic Affairs Meeting, June 7, 2016

1. Qualification: Applicants who are NTUST college sophomore and up.
2. The number of recruitment: no limitation (But within the number of people who take the course.)
3. Application: Application form (refer to Appendix 10) and the copy of transcript must be submitted to Department of Industry Management before graduation.
4. Minimum Total Course Credit: 21 Credits. Required courses, 12 Credits: "Industrial Safety", "Human Factors", "Industrial Hygiene" and "Industrial Safety and Health Act". Electives course: 9 Credits. Courses are given in the following table.
5. Required and Elective Courses and Credits are given in the following table.
6. A student taking this program should choose these courses within the course selection period every semester.
7. The courses taking in this program can be counted into Graduation Minimum Total Credit, also limited to the maximum of credits per semester.
8. A student who completes these courses shall be given a Certificate of Course Completion by the School of Management, after getting the approval from the IM department's Audit Committee.
9. Related matters concerned applying the program for other school's students shall be dealt with according to announcement from NTUST.
10. Any regulations not mentioned shall be dealt with according to NTUST Study Regulations and relevant laws.
11. These Regulations and their revisions will be implemented after being passed by the Academic Affairs Commission and approved by the university president.

Required and Elective Courses and Credits of Industrial Safety and Hygiene Program

Course Name	Credit	Required/Elective
Industrial Safety	3	Required
Human Factors	3	Required
Industrial Hygiene	3	Required
Industrial Safety and Health Act	3	Required
Human Resources Management	3	Elective
Production and Operations Management	3	Elective
Work Study	3	Elective
Materials Management	3	Elective
Construction Materials	3	Elective
Project Planning & Control	3	Elective
Construction Management	3	Elective
Foundation Engineering	3	Elective
Electromechanical Utilities and Facilities	3	Elective
Engineering Mechanics	3	Elective
Materials Mechanics	3	Elective
Engineering Statistics	3	Elective
Introduction to Chemical Process Safety	3	Elective
Environment Management	3	Elective
Environment Science	3	Elective
Environment Engineering	3	Elective
Process Design	3	Elective
Energy Conservation Technology	3	Elective

Course Name	Credit	Required/Elective
Industrial Pollution Control Practice	3	Elective
Process Control	3	Elective
Chemical Engineering Equipment Design	3	Elective
Engineering Materials 1	3	Elective
Applied Electronics	3	Elective
Engineering Thermodynamics with Applications	3	Elective
Dynamics	3	Elective
Automatic Control 1	3	Elective
Manufacturing Processes	3	Elective
Noise Control and Measurements	3	Elective
Reliability Engineering	3	Elective
Non-Destructive Testing	3	Elective
Corrosion and Corrosion Control	3	Elective
Physical Processing of Fibers	3	Elective
Fiber Chemical Finishing	3	Elective
Polymer Processing	3	Elective
Applied Mechanics	3	Elective
Instrumental Analysis	3	Elective
Control Systems Engineering 1	3	Elective
Thermodynamics	3	Elective