

INDUSTRIAL SAFETY TECHNOLOGY/TECHNICIAN, ASSOCIATE OF TECHNICAL STUDIES

Curriculum Code #6720

Effective May 2023

Division of Engineering, Business and Information Technologies (<http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/>)

The Industrial Safety Technology/Technician prepares individuals to assist engineers and other professionals in implementing and enforcing industrial and environmental safety standards. The graduate will be prepared for a wide range of positions in the areas of Occupational, Environmental and Industrial safety. Lorain County Community College has articulation agreements with colleges and universities including programs offered by LCCC's University Partnership.

First Year

Fall Semester		Hours
ENGL 161	COLLEGE COMPOSITION I	3
HLED 153	FIRST AID AND SAFETY	2
SAFE 120	EMERGENCY PLANNING	2
SAFE 236	MACHINE AND EQUIPMENT SAFETY	3
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY ³	1
TECN 111	TECHNICAL PROBLEM SOLVING	3
Hours		14

Spring Semester

CHMY 171	GENERAL CHEMISTRY I ¹	5
MTHM 155	TECHNICAL MATHEMATICS I	4
SAFE 146	SAFETY IN GENERAL INDUSTRY	3
SAFE 229	HAZARDOUS MATERIAL TRANSPORTATION AND STORAGE	2
SAFE 239	ENVIRONMENTAL COMPLIANCE	2
Hours		16

Second Year

Fall Semester		Hours
MTHM 168	STATISTICS	3
PSYH 151	INTRODUCTION TO PSYCHOLOGY	3
or SOCY 151G	or INTRODUCTION TO SOCIOLOGY	
SAFE 206	HAZARDOUS MATERIALS	3
SAFE 211	BEHAVIOR BASED SAFETY	3
CNST 210	SAFETY IN CONSTRUCTION	2
or SAFE 287	or WORK BASED LEARNING I - SAFE	
Arts and Humanities Elective ²		3
Hours		17

Spring Semester

ENGL 164	COLLEGE COMPOSITION II WITH TECHNICAL TOPICS ¹	3
----------	---	---

SAFE 135	HAZWOPER	3
SAFE 226	INDUSTRIAL HYGIENE	3
SAFE 246	LEGAL ASPECTS OF HEALTH AND SAFETY	2
SAFE 249	ENVIRONMENTAL HEALTH AND SAFETY TRAINING COMMUNICATIONS	2
Hours		13
Total Hours		60

1

Indicates that this course requires a prerequisite.

2

Arts and Humanities electives to be selected from the Ohio Transfer Module.

3

A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of thirteen or more credit hours.

Program Contact(s):

Brian Iselin
440-366-7027
biselin@lorainccc.edu

For information about admissions, enrollment, transfer, graduation and other general questions, please contact your advising team (<https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling/>).

More program information can be found on our website. (<https://www.lorainccc.edu/engineering/industrial-safety/>)

1. Identify and enforce industrial and environmental safety violations and develop appropriate solutions.
2. Interpret, select, and apply appropriate industrial and environmental safety standards.
3. Develop and enforce industrial and environmental safety plans for use in industry.
4. Effectively communicate industrial and environmental safety principles, standards and techniques using written, oral, and graphical techniques.