

Disaster & Safety

Industrial Safety Engineering

ENGLISH EDITION

세종사이버대학교

산업안전공학과

내일을 배우다 내일을 바꾸다

SEJONG CYBER UNIVERSITY



세종사이버대학교

Industrial Safety Engineering

산업안전공학과

안전사회를 이끌어 갈 안전공학 전문가 양성, 노동자 건강을 책임지는 보건전문가 양성

Department Introduction

The Department of Industrial Safety Engineering (산업안전공학과) trains safety experts who can prevent industrial accidents and compound disasters, and solve safety, health, and disaster problems in an integrated way.

Department Description

The field-practice-based curriculum covers construction, mechanical, chemical, and electrical safety, plus preparation to become a fire-fighting instructor (소방 지도사). The program is designed for both new students and Year-3 transfer students, with four specialization tracks: Industrial Safety, Construction Safety, Industrial Hygiene, and Ergonomics (Human Factors).

FACULTY

Disaster & Safety

재난안전학부

OFFICIAL COURSES

24 courses

NEXT INTAKE

March 2027

DEGREE

Bachelor of Engineering

Bachelor of Engineering · 공학사

STUDY FORMAT

100% online (taught in Korean)

What makes Sejong Cyber University's Industrial Safety Engineering different?

01 **Faculty with extensive field experience**

with team-based learning and active student participation.

02 **A curriculum aligned with Korea's national certification exam standards (Industrial Safety Engineer, Construction Safety Engineer, Professional Engineer in Mechanical Safety, Professional Engineer in Electrical Safety, and others).**

03 **Growing demand for safety expertise (BCP**

disaster management, lab safety) is opening up job opportunities at large corporations and public institutions.

04 **Four career-track specializations**

Industrial Safety, Construction Safety, Industrial Hygiene, and Ergonomics.

05 **Educational partnerships with dozens of companies and institutions (CJ**

GS Retail, KT, Samsung, Starbucks, POSCO, Hyundai-Kia, and more) through industry-commissioned scholarships.

Curriculum

Official courses (Korean name · English rendering)

산업안전관리론	Industrial Safety Management Theory
안전문화	Safety Culture
산업안전보건법	Industrial Safety and Health Law
위험물질론	Hazardous Materials Theory
안전심리	Safety Psychology
전기안전관리론	Electrical Safety Management Theory
기계안전관리론	Mechanical Safety Management Theory
건설안전관리론	Construction Safety Management Theory
전기화재공학	Electrical Fire Engineering
안전보건경영시스템	Safety and Health Management Systems
공정안전관리론	Process Safety Management Theory
산업위생학	Industrial Hygiene

작업환경관리대책	Work Environment Management Measures
인간공학	Ergonomics
산업안전실무	Industrial Safety Practice
산업재해분석및보상	Industrial Accident Analysis and Compensation
건설안전실무	Construction Safety Practice
근골격계부담작업관리	Musculoskeletal Burden Work Management
화공안전관리론	Chemical Process Safety Management Theory
위험성평가	Risk Assessment
건축방재학	Architectural Disaster Prevention
소방방재학	Fire and Disaster Prevention Science
기업재난관리론	Corporate Disaster Management Theory
가스안전관리론	Gas Safety Management Theory

Certification Guide

Certifications supported by the department

산업안전기사

산업안전지도사

건설안전기술사

기계안전기술사

전기안전기술사

화공안전기술사

산업위생관리기술사

인간공학기술사

DEGREE UPON GRADUATION

Bachelor of Engineering

Bachelor of Engineering · 공학사

How to apply from Indonesia

- 01 Free consultation with Annyeong Academy on WhatsApp to check the fit of the major.
- 02 Prepare the 5 apostilled documents — no TOPIK required to apply.
- 03 Apply for the March 2027 intake; Annyeong Academy guides you through to admission.

Annyeong Academy

Official admission partner for Indonesia · Sejong Cyber University, Seoul

Free consultation via WhatsApp +62 823-1956-9256 · hello@annyeongbless.com · annyeongbless.com/sjcu

English translation of Sejong Cyber University's official 2026 e-brochure, re-set by Annyeong Academy in a design that follows the original. Not an official university document; course, certification, and institution names are kept in Korean.