

## IDENTIFICATION

Course code : ESI-SPI-CI-BE4-S7-UE2-EC3  
ECTS : 3

## DURATION

Lectures : 22  
Tutorial classes : 0  
Labs : 0  
Total : 22

Project :  
Personnal work :

## ASSESSMENT

2 individual grades (SST, CSR/Ethics) 2  
project grades (CSR/Ethics)

## TEACHING MATERIALS

Course materials Regulations and standards

## LANGUAGE

English

## CONTACT

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UE : UE7-QEB

COURSE : TES 3 : SST, CSR, Engineering Ethics

## SCOPE OF THE COURSE

### OBJECTIVES

— Identify and assess risks to health and safety at work and contribute to the company's prevention process — Be able to develop, implement and improve a Corporate Social Responsibility (CSR) approach within a company — Develop an ethical and responsible professional practice, taking societal issues into account

### COMPETENCE AND SKILLS

— Conduct an appropriate diagnosis for the issue at hand — Collect internal and external environmental data for the project and analyze a site — Understand the building production chain

### PROGRAM

Part 1 : Health and Safety at Work — Definitions and stakes (human, economic and legal) and statistics on work-related accidents and illnesses — Regulations and general principles of prevention — Roles and responsibilities of health and safety professionals — Assessment of occupational risks and Single Document (DUER) — Main hazards and prevention measures — Practical application : risk assessment using Tutoprev

Part 2 : Corporate Social Responsibility (CSR) — History of sustainable development / CSR and stakes at global, national and regional levels — Implementing a CSR approach in a company (ISO 26000, ISO 53001) — Identifying relevant SDGs / action areas and prioritizing action plans

Part 3 : Engineering Ethics — Concepts of professional ethics for engineers — Methodology for resolving an ethical dilemma

### BIBLIOGRAPHY

— French Labour Code — Annual reports from the French National Health Insurance Fund (Assurance Maladie) — INRS, OPPBTP, ANACT-ARACT network websites and documentation — The Sustainable Development Goals Reports — Réunion SDG progress reports : analysis of indicator trends over the past 20 years (DEAL Réunion) — AFNOR NF EN ISO 26000 (2010) — ISO 53001 Management systems for sustainable development goals (SDGs) — WFEO Code of Ethics (2023-10-06) — Engineers and Scientists of France Ethical Charter

### REQUIREMENTS

General knowledge of business management