

## Content

| Course Code | Course Name                    | Semester | Theory | Practice | Lab | Credit | ECTS |
|-------------|--------------------------------|----------|--------|----------|-----|--------|------|
| CNT214      | Occupational Safety And Health | 3        | 2      | 0        | 0   | 2      | 2    |

|                        |  |
|------------------------|--|
| Prerequisites          |  |
| Admission Requirements |  |

|                         |                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Language of Instruction | French                                                                                                                                                                                                                                                                                                                                                                    |
| Course Type             | Elective                                                                                                                                                                                                                                                                                                                                                                  |
| Course Level            | Bachelor Degree                                                                                                                                                                                                                                                                                                                                                           |
| Objective               | This course is designed to provide students fundamentals of occupational safety and health. It aims to develop an understanding of the current state of occupational safety and health in Turkey and in the world, to present occupational safety and health standards and laws, and to introduce students to risk evaluation using different risk assessment techniques. |
| Content                 | Basic concepts of occupational safety and health, Work accidents and professional diseases, Theories of accident causation, Quality management and occupational safety and health, Continuous process improvement, OHSAS 18001 (Occupational Health & Safety Assesment Series), Occupational safety and health law, Risk management, Risk assessment techniques           |
| References              | Özkılıç, Ö., İş Sağlığı, Güvenliği ve Çevresel Etki Risk Değerlendirmesi, MESS Yayınları<br>İş Sağlığı ve Güvenliği Kanun Metni (Kanun No. 6331, Resmi Gazete Sayı: 28339)<br>Demircioğlu, M., Centel, T., "İş Hukuku", 14. Basım, Beta Basım, İstanbul, 2010.                                                                                                            |

## Theory Topics

| Week | Weekly Contents                                              |
|------|--------------------------------------------------------------|
| 1    | Basic concepts of occupational safety and health             |
| 2    | Work accidents and professional diseases                     |
| 3    | Theories of accident causation                               |
| 4    | Quality management and occupational safety and health        |
| 5    | Continuous process improvement                               |
| 6    | OHSAS 18001 (Occupational Health & Safety Assessment Series) |
| 7    | OHSAS 18001                                                  |
| 8    | Midterm exam                                                 |
| 9    | Occupational safety and health law                           |
| 10   | Risk management                                              |
| 11   | Risk mapping                                                 |
| 12   | Risk assessment techniques                                   |
| 13   | Risk assessment techniques                                   |
| 14   | Risk assessment techniques                                   |