**COURSE SPECIFICATION**

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| This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should be cross-referenced with the programme specification.  |

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| University of Baghdad | 1. Teaching Institution |
| College of Engineering / Energy Engineering | 2. University Department/Centre |
| Industrial safety  | 3. Course title/code |
| BSc.  | 4. Programme(s) to which it contributes |
| weekly | 5. Modes of Attendance offered |
| Semester | 6. Semester/Year |
| 30 hour | 7. Number of hours tuition (total) |
| 2018 | 8. Date of production/revision of this specification |
| 9. Aims of the Course |
| 1- To identify the industrial establishment and functions and familiarity with the contents of the work and the circumstances surrounding environment. |
| 2-Knowledge of the reasons for the various incidents and then find out the dimensions and effects of the accident and that finding a suitable caution to deal with risk. |
| 3- Knowledge of the types of fires and ways to put them out. |
| 4- Realize how important personal protective tools to avoid risks and choose the right tools appropriate to the circumstances. |
| 5- Knowledge of safety guidelines and implications. |
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| 10· Learning Outcomes, Teaching ,Learning and Assessment Methods |
| 1. Knowledge and Understanding

A1. Identify the different industrial establishment and functions.A2. Knowledge of industrial safety and its goals and the role of the Industrial Revolution in existence.A3. Know the dimensions and effects of personal accident, mechanical, and electrical and chemical and find the appropriate caution and comply with the rules of operation and safety.A4. Identify the principle of the fire and its causes and types of fires and Prevention .A5. Personal knowledge of prevention tools and the need of wearing it.A6. Identify the safety guidelines and their significance.. |
|  B. Subject-specific skillsB1. Development of personal skills in dealing with the guidance and safety rules.B2.  |
|  Teaching and Learning Methods |
| The method of lecturing and discussion. |
|  Assessment methods  |
| Daily and monthly tests. |
| C. Thinking Skills C1. Induction to keep up with the modern methods of prevention in industrial safety to maintain the integrity of the human element.C2. Induction to keep up with the modern methods of prevention in industrial safety to maintain the safety of machinery witch used for the production process. |
|  Teaching and Learning Methods  |
| The lecture and discussion |
|  Assessment methods |
| Daily and monthly tests. |

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| D. General and Transferable Skills (other skills relevant to employability and personal development) D1. Apply the rules of industrial safety at work and everyday life. |

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| 11. Course Structure |
| Assessment Method | TeachingMethod | Unit/Module or Topic Title | ILOs | Hours | Week |
| A theoretical and tests | The lecture and discussion | Industrial Foundation  | An introduction about Industrial Foundation | 2 | 1 |
| A theoretical and tests | The lecture and discussion | Principles of accident prevention  | Recognize the work environment and its contents  | 2 | 2 |
| A theoretical and tests | The lecture and discussion | Principles of accident prevention  | Study of the foundations upon which to set up facilities | 2 | 3 |
| A theoretical and tests | The lecture and discussion | Principles of accident prevention  | Description place and the business climate | 2 | 4 |
| A theoretical and tests | The lecture and discussion | Accidents and work-related injuries and their causes | Demonstrate personal reasons | 2 | 5 |
| A theoretical and tests | The lecture and discussion | Accidents and work-related injuries and their causes | identify ways to trading and transport of materials | 2 | 6 |
| A theoretical and tests | The lecture and discussion | Accidents and work-related injuries and their causes | Description Mechanical risk | 2 | 7 |
| A theoretical and tests | The lecture and discussion | Accidents and work-related injuries and their causes | Identify the kinds of electrical injuries | 2 | 8 |
| A theoretical and tests | The lecture and discussion | Accidents and work-related injuries and their causes | Identify the different damage chemicals | 2 | 9 |
| A theoretical and tests | The lecture and discussion | Fires | Identify the types of fire and its principle  | 2 | 10 |
| A theoretical and tests | The lecture and discussion | Fires | Study the types of fires and preventable | 2 | 11 |
| A theoretical and tests | The lecture and discussion | Fires | Study the principle of Fire | 2 | 12 |
| A theoretical and tests | The lecture and discussion | Personal Protective Equipment | Identify the personal protective Equipments | 2 | 13 |
| A theoretical and tests | The lecture and discussion | Personal Protective Equipment | Identify the using of personal protective Equipments | 2 | 14 |
| A theoretical and tests | The lecture and discussion | Safety Instructions | Identify the meanings of safety guidelines | 2 | 15 |

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| 12. Infrastructure |
| References from an internet. | Required reading:· CORE TEXTS· COURSE MATERIALS· OTHER |
|  | Special requirements (include for example workshops, periodicals, IT software, websites) |
|  | Community-based facilities(include for example, guestLectures , internship , field studies) |

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| 13. Admissions |
|  | Pre-requisites |
| 20 | Minimum number of students |
| 60 | Maximum number of students |