Subject Code: IC302
Level: 3
Contact Hours: Lect/WS: 47
Student Effort Hours: 70
Assessment Method: Coursework 100%
Credit Value: 2
Pre-requisites: Nil
Co-requisites: Nil
Exclusions: Nil
Subject Leader/Lecturer/Dept.: Ir. Albert Kwok (IC)

**INDUSTRIAL SAFETY II**

**Subject Aim:**

*This subject is intended to:*

1. Undertake a building programme in the Faculty of Construction and Land Use. Emphasis is placed upon safety awareness, accident prevention, and the engineering and management issues associated with construction safety.

**Learning Outcomes:**

*Student will demonstrate their ability to:-*

1. Aware the principal features of occupational health and safety, its historical context and current perspectives.
2. Understand the risk and safety issues, legal obligations, and the need to act in accordance with the codes of safety practice.
3. Handle basic safety management for their future supervisory positions in the construction industry.
4. Apply suitable methodologies to determine/eliminate safety risks in relevant practical applications.

**Syllabus Content:**

*Overview*

*Occupational Health Practice*

*Construction Safety*

*Safety Technology*

*Accident Prevention*

*Construction Safety Management Issues*
**Learning and Teaching Approach:**

Whenever possible, students will draw upon their own work through structured assignments or coursework to develop independent learning skills. Students will be supported in this training process by the provision of study guides, handouts and relevant reading materials. Lectures/workshops will be an integral component which allows students to:-

- review and discuss the concepts covered in the study materials;
- develop a practical understanding of the related safety technologies; and
- reinforced their learning through course assignments and case studies.

**Assessment:**

This subject is assessed on continuous basis. Assessment will focus on the development of the students’ understanding and application of core principles rather than simply testing their knowledge. Examples of assessment methods include:-

- written course assignments on core topics; and
- appreciation tests in multiple choice and short quiz format.

Final assessment will be conducted in the form of appreciation test and/or short questions.

**Reading List:**

Specially prepared material from the IC will be used throughout the unit. In addition, lecturers will recommend additional reference material as required.