

Title of Module:

Occupational Health and Safety

Coordinator(s) / organiser(s):

Mulyono, S.KM., M.Kes. (Module Leader)

Teaching Faculty

Title	Name	Qualifications*	Hours contributed
Mr.	Mulyono	S.KM., M.Kes.	12.8
Dr.	Yustinus Denny Ardyanto W.	Ir., M.S., Dr.	11.2
drh.	Meirina Ernawati	drh., M.Kes	16
Mr.	Dani Nasirul Haqi	S.KM., M.KKK.	9.6
Mrs.	Indriati Paskarini	S.H., M.Kes.	17.6
Ms.	Endang Dwiyantri	Dra., M.Kes.	12.8

* PhD, Master, 20 years service(in practice) etc. Only provide details for faculty responsible for 25% or more of course load.

Core /elective or optional:

Core:

Basic of Occupational Health and Safety (KMK217)

Elective:

Occupational Safety (KMK102)

Psychological Industry (PSI307)

Number of SKS credits allocated	Student's workload in hours	Contact work hours*	Self-study work hours
6 SKS	272	80	192

* includes lectures, seminars, face-to-face, assessments

Learning competences / objectives

On successful completion of this module students will be able to:

1. Define the problem correctly
2. Identify data appropriately and relevant as a source of information
3. Implement data collection process and application of information technology
4. Collect, summarize and interpret information on various health issues
5. Decide the appropriate action to the problem at hand
6. Communicating through writing, oral or other methods

Syllabus content. Brief overview of syllabus using bullet points.

Basic of Occupational Health and Safety:

- Legal regulations of Occupational Health and Safety
- The history and scope of Occupational Health and Safety

- The differences of public Health, personal hygiene and health and 5 levels of disease and accident prevention
- Occupational Health and Safety Programs and Organization
- Occupational Health and Safety Communications
- Medical examination
- Factors which influence the health of the workforce
- Health Disorders due to the working environment (chemical, biological and physical environment).

Occupational Safety:

- Occupational Safety in construction, informal, maritime, healthcare and transport sector
- Occupational Safety in oil and gas company, fire and disaster management
- Evaluating the safety Occupational Health and Safety Management

Physiological Industry:

- Human resources planning process, selection and placement
- Training and Development
- Group organization and leadership
- Motivation and Job satisfaction
- Work stress

Module level timetable - indicate the timing of the teaching sessions from the current and upcoming teaching year:

Basic of Occupational Health and Safety: 09.00-11.00 a.m., Monday, 3rd semester

Occupational Safety: 6th semester

Physiological Industry: 6th semester

Pedagogic/teaching methodology:

Scheduled learning includes lectures, discussions about the actual real life cases, and seminars in groups for applying problem solving techniques to solve real life issues which are given by lecturer. During lecture in the classroom, the lecturer gives the didactic question and creates a chance for students to deliver their thought about specific case. Students are asked to adapt the critical thinking for solving health problem. Lecture demonstrates the specific skill for improving the students' ability.

In many meetings, the lecturer tends to ask the students making simulation for improving the their capability understanding those topics.

Lecturer presented the teaching materials with LCD and whiteboard. In one class, all the students are divided into small groups. Each group has to discuss the topic determined by the lecturer and present the results to the class.

Independent learning includes hours engaged with essential reading, assignment preparation and completion and self-directed study. Students are provided with access to essential and supplementary learning via email or e-learning (AULA) and whiteboard.

Assessments used:

There are three types of examination:

1. Middle examination (40%)
2. Final examination (50%)
3. Structured assignment (10%)

Each examination takes 100 minutes includes multiple choice questions, essays, short answer questions, and case studies. The examination assesses the students' knowledge and understanding and all learning outcomes of the module. Structured assignment is given by writing a paper then the students present it.

Weeks required and place in academic calendar:	Number of weeks	Week number
Basic of Occupational Health and Safety Monday, 09.00-11.00 a.m., Weeks beginning 13/08/2018-26/11/2018	16	01-16
Occupational Safety Weeks beginning 02/2020-05/2020	16	17-32
Physicological Industry Weeks beginning 02/2020-05/2020	16	17-32