

Department of Biomedical Engineering

Faculty of Engineering

Mahidol University

Wisdom of the Land



EGBE 693 Research Seminar for Biomedical Engineering II
EGBE 691 Biomedical Engineering Seminar II

Date: May 6, 2014 Time: 10AM-11AM

Department of Biomedical Engineering

Mahidol University (Room 6373)



Nuthchyawach Sanguanchaiyakit PH.D.

Occupational Safety and Health Bureau, Ministry of Labour

“Principle of Risk Assessment and Occupational Safety and Health related laws.”

Risk assessment is the knowledge that mostly used in the field of Occupational Safety and Health. The principle of this knowledge is very useful and could be applied to many field of study in order to create safety and health attitude. The principle of risk assessment will be given to the students by lecture. Firstly, terms and definitions used in risk assessment will be described. Components of risk assessment will be later disseminated to the study. They are composed of hazard identification, Dose response, exposure assessment and risk characterization. The method of Quantitative risk assessment will be described.

In order to make student aware Safety and Health issue for the future work, some safety and health laws including organizations involving with safety issue will be demonstrated. General information about safety and health regulations such as management chemical, fire protection, etc will be given and discussed whether or not they will have impact on their work in the future.

Open panel for the discussion about the topic and related issue will be provided during and at the end of lecture in order to gain participation and exchange point of view between students and lecturer.