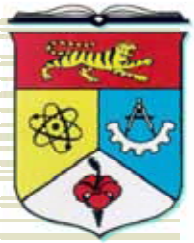


ISLAM AND ENGINEERING 1



Professor Ahmad Kamal Ariffin

Guest lecturer from the Universiti Kebangsaan Malaysia
(*National University of Malaysia*)

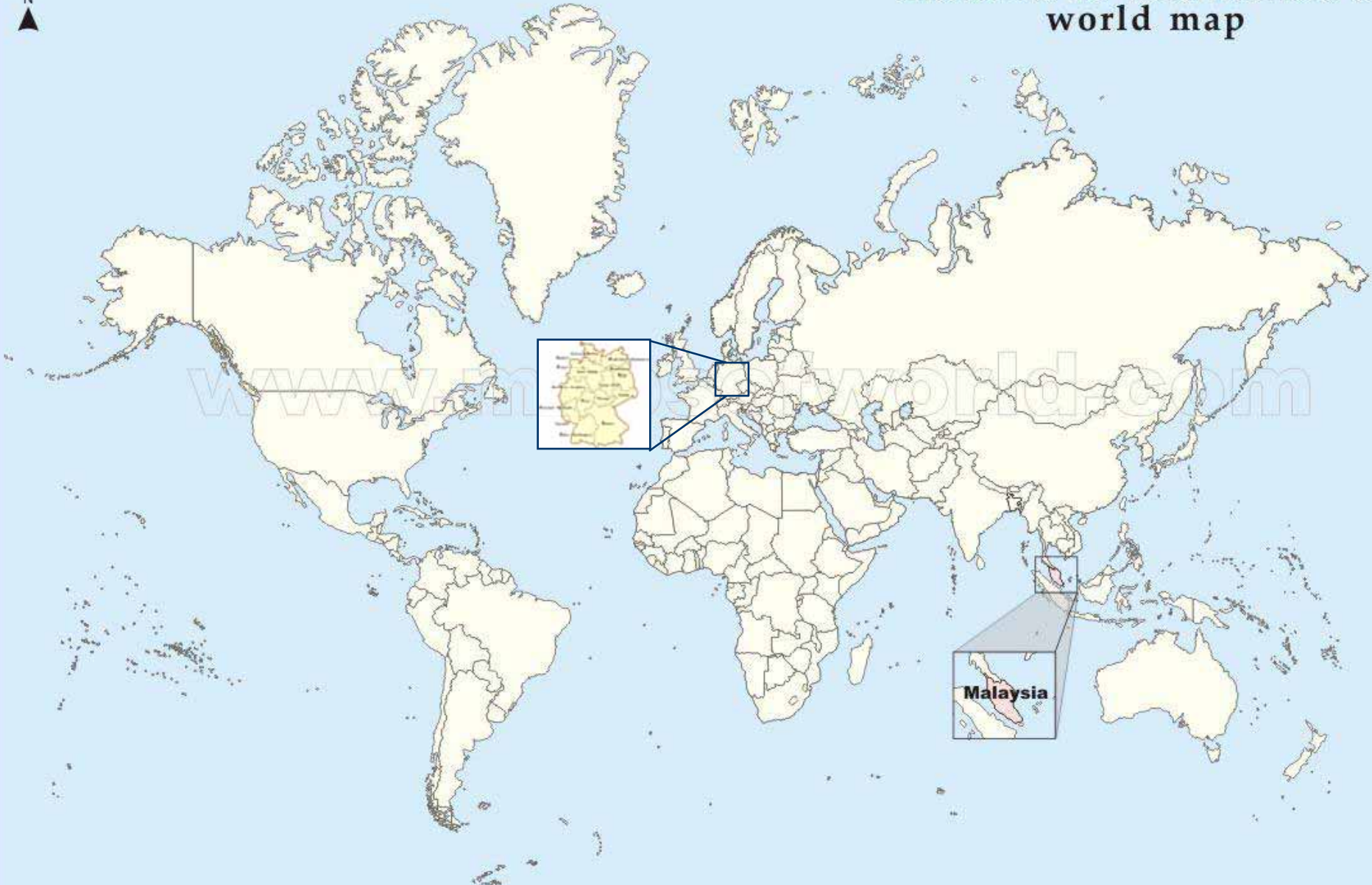
non-technical subject

Weekly lecture: Tuesday, 18.00 – 20.00

First lecture: 19th October 2010

Room: BB130

Location of MALAYSIA in world map



www.information-world.com

Malaysia



Course Objective

- ◆ The course aims at introducing Islam, its contribution to the development of science and technology and the concept of Islamic ethics and professionalism, particularly in the engineering profession.



Topics



1. Introduction:

- Background to the course
- Course objective

2. Understanding Islam:

- Definitions and Fundamentals of Islam
- Core of Islam
- A special note on Ramadan
- Islam as way of life (individual, family, society etc.)
- The Muslim Woman

Topics (cont.)

3. Technology and civilisation in Islamic World:
 - ♦ Islamic Civilisation
 - ♦ Muslims Contribution to Science and Technology
 - ♦ Education and science in the modern Islamic World
 - ♦ Ethics
 - ♦ Current and future issues in technology and their implications to the Islamic worldview
4. Islam and multicultural community:
 - ♦ Islam and society
 - ♦ Diversity in muslim cultures
 - ♦ Intercultural communication

Methods

- ◆ Lecture: 2 hrs per week.
- ◆ Projects and Presentation
- ◆ Final Examination

http://www.youtube.com/watch?v=aqj3CBFP3HM&feature=player_embedded