



## Syllabus

- 1. Course name:** Topics with Enterprises
- 2. Course code:** BUCO121465
- 3. Credits:** 2 credits (2:0:4) (2 lecture periods, 0 lab period, 4 self-study periods per week)
- 4. Instructors**
  - Chief lecturer: Assoc. Prof. Dr. Nguyen Thanh Hai
  - Co-lecturers: Experts from enterprises

### 5. Course Requirements

Prerequisite course(s): None

Previous course(s): None

### 6. Course Description

This subject provides students knowledge of situations that often occur in the industrial environment and how to approach and solve problems that can occur in practice. Therefore, students can study knowledge and skills to quickly integrate in the industrial environment after graduation. In addition, the course will teach students about the way and engineer career, how to analyse failure and success, process data and experiences during working.

#### Learning Outcomes (CLOs)

CLOs	Descriptions	ELO(s) /PI(s)	Compe- tency
	<i>On successful completion of this course students will be able to:</i>		
CLO1	Ability to apply the basic knowledge, techniques and skills for solving problems in companies or hospitals.	ELO1/PI1.3	R
CLO2	Ability to contribute work into the team success at company or hospital	ELO5/PI5.1	R
CLO3	Ability to communicate knowledge and understanding to people and customers, even in English	ELO6/PI6.4	R
CLO4	Ability to analyze, explain for solving problems related to investment, operation and management of enterprises in accordance with the law	ELO7/PI7.1	R

### 7. Content outline

- General introduction about the meaning of the subject to businesses
- Visiting the factory/company/hospital and learning ways and engineer career
- Vietnam's health system, in which students can learn about the organization of the health system, managing hospital systems and enterprise by the Ministry of Health.
- Introduction to basic laws related to the medical field
- Organizational model of a company or hospital
- Procedure of investing medical devices and bidding and related regulations
- Failure analysis and effects when failure occurs
- How to analyze data, manage and monitor works

### 8. Teaching Methods

- Powerpoint presentation
- Teamwork

### 9. Assessment(s)

- Grading scale: **10**
- Assessment plan:

No.	Content	CLOs	Competency	Assessment methods	Assessment tools	Weighting %
<b>Summative assessment</b>						<b>10</b>
1	Brief report related to all the knowledge learned	CLO1 CLO2 CLO3 CLO4	R	Written/ Multichoise puestions	Online/paper sheets/rubric	100

### 10. Learning Materials

- Textbook(s): PP slides of instructors.
- References: Materials of company or hospital

### 11. General Information

#### Academic Integrity

All students in this class are subject to HCMUTE's Academic Integrity Policy (<http://sao.hcmute.edu.vn/>) and should acquaint themselves with its content and requirements, including a strict prohibition against plagiarism. Any violations will be reported to the Faculty of Electrical and Electronic Engineering Dean's office.

#### Flexibility Notice

Any information in this syllabus (other than grading and absence policies) may be subject to change with reasonable advanced notice. Students need to regularly update the information of their registered class.

#### Intellectual Property

All contents of these lectures, including written materials distributed to the class, are under copyright protection from the HCMUTE's Intellectual Property Regulations. Notes based on these materials may not be sold or commercialized without the express permission of the instructor.

### 12. Approval Date: <dd/mm/yyyy>

### 13. Endorsement:

Dean	Head of Department	Chief Lecturer
<b>Assoc. Prof. Dr. Nguyen Minh Tam</b>	<b>Assoc. Prof. Dr. Nguyen Thanh Hai</b>	<i>&lt;Full Name&gt;</i>

### 14. Revision History:

<b>1<sup>st</sup> Revision:</b> <dd/mm/yyyy>	Lecturer:  Head of Department: <b>Assoc. Prof. Dr. Nguyen Thanh Hai</b>
<b>2<sup>nd</sup> Revision:</b> <dd/mm/yyyy>	Lecturer:

	Head of Department:
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