Course Specifications

University: Benha University  
Faculty: High Institute of Technology

Course specifications
Programme(s) on which the course is given: All Mechanical Engineering Fields
Major or minor element of programmes: N.A.
Department offering the programme: Mechanical Engineering
Department offering the course: Mechanical Engineering
Academic year / Level: 4th year – Summer
Date of specification approval: / /2009

A- Basic Information

Title: Summer Training  
Code: M 400
Credit Hours: 2
Lecture: 
Tutorial: 
Practical: Total:

B- Professional Information

1 - Overall aims of course:
The students spend a training period of six weeks in different mechanical engineering industrial organizations either in Egypt or abroad. During this period, the students pass the available training program in the industry. The students will be familiar with the engineering work carried out during the period of the training. At the end, the students submit a report on the activities carried out during their training period.

2- Intended learning outcomes of course (ILOs)

a. Knowledge and understanding:
   a.1 Basic knowledge and concepts related to the training experience.
   a.2 Understand the mechanical engineering activities which are carried out during the training period.

b. Intellectual skills
   b.1 Analyze the obtained experience and information.
   b.2 Select and arrange the data and information of the training experience for the report preparation.
c- Professional and practical skills
  c.1 Practical activities during the training period.
  c.2 Prepare a technical report about the training experience.

d- General and transferable skills
  d.1 Present, share and discuss ideas.
  d.2 Work in group.

3- Contents

<table>
<thead>
<tr>
<th>Topic</th>
<th>No. of Hours</th>
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</thead>
<tbody>
<tr>
<td>Practical training in an industrial organization</td>
<td>Six weeks</td>
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<tr>
<td>Presentation and discussion of the prepared report</td>
<td>Discussion session</td>
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4– Teaching and learning methods
  4.1- Practical training
  4.3- Discussion session
  4.4- Information collection during training period

5- Student assessment methods
  5.1 Continuous evaluation during the training period to assess understanding, knowledge and ability to discuss the obtained experience.
  5.2 Oral examination at end of the training period to assess knowledge, understanding and, also, ability to present and discuss the report contents.

Assessment schedule
  Continuous evaluation during the training period
  Oral examination at end of the training period

Weighting of assessments

| Continuous evaluation during the training period | 50 % |
| Final oral exam                                    | 50 % |
| Total                                              | 100 % |
6- List of references

6.1- Course notes
- N.A.

6.2- Essential books (text books)
- N.A.

6.3- Recommended books
- N.A.

6.4- Periodicals, Web sites, ... etc
- N.A.

7- Facilities required for teaching and learning
- Appropriate class room for oral examination.

Course coordinator: Dr. Samia Nasr El-Din
Head of Department: Prof. Dr. Sameh Nada
Date: / / 2009