



# Philadelphia University

Faculty of Engineering - Department of Electrical Engineering

## Course Details:

<b>Title:</b>	Engineering Training (610458)
<b>Prerequisite:</b>	After completion of 90 credit hours
<b>Credit Hours:</b>	0 credit hours
<b>Course Description:</b>	Field training which the electrical engineering students should undergo in reputable factories or companies in the private or public sectors. The training is for a period of eight consecutive weeks (if training is inside Jordan) or six consecutive weeks (if training is outside Jordan).

## **Course Outlines:**

Period	Topic
<b>Before training</b>	Select a company for training and contact training supervisor in the department to write a formal letter to the company to solicit training opportunity
<b>First week of training</b>	Register with human resources in the company to start training and to receive orientation and assigned with training tasks and duties
<b>During training</b>	Perform training tasks and duties
<b>Final week of training</b>	Human resources or engineering supervisor in the company fill out the student evaluation form
<b>After training</b>	The student register for the engineering training course in the semester that follows his/her training and prepares a report to be discussed with the training supervisor

## **Course Learning Outcomes with reference to ABET Student Outcomes:**

Upon successful completion of this course, student should:

1.	Have hands-on experience in a related field so that they can relate and reinforce what has been taught at the department	[b, c, d, e, f, g, h, i, j, k]
2.	Have been exposed to the real working environment and get acquainted with the company/factory structure and engineering operations and functions.	[ h, i, j, k]
3.	Be trained to plan and carry out tasks and projects over a period of time, alone and in team and can evaluate the work.	[d, e, g]
4.	Develop skills to communicate and cooperate with supervisors and colleagues	[d, g]

## **Assessment Guidance:**

Evaluation of the student performance during the field training will be conducted according to the following activities:

- Evaluation Form** To be filled out, signed, and stamped by the supervisor or human resources.
- Report** The report should describe in details the duties assigned and completed by the student as well as any machines or software used in the work field.
- Discussion:** The student should discuss with the supervisor the report that has been written.

## **Grading policy:**

Passed/Failed

January, 2018