DSEE-Annex 4 (Education Plan practical periods)

Study Path: Electrical Engineering

Company:

Tutor in Company:

Students name:

TERM	**Learning Outcomes, Competences, Tasks, Activities,** (Chosen items in **bold**)	Proposed Duration (weeks)	Department	Time Period
1	Intended Learning Outcomes (According to module no 8001190) • A knowledge of the professional environment • Well-developed social competences :**General Electrical Engineering knowledge** o Simple Electrical Applications and Installations o Measurement techniques o Analog Electronics o Mechanical Basic Skills o Introduction to computer systems o Working with standard computer applications o Basics of programming **Additional Skills:** o Organization structure o Documentation **Other items/activities**	12		1st Dec 2015 till 28th February 2016

2	**Intended Learning Outcomes** (According to module no 8001191) • A knowledge of the professional environment • Well-developed social competences • An ability to function on multidisciplinary teams. • An ability to communicate effectively **General Electrical Engineering knowledge** o Simple Electrical Applications and Installations o Measurement techniques o Analog Electronics o Mechanical Basic Skills o Introduction to computer systems o Working with standard computer applications o Basics of programming **Additional Skills:** o Organization structure of company o Documentation **Other items/activities**	12		1st June 2016 till 31st August 2016
3	Intended Learning Outcomes According to module **no 8001290** • An ability to apply knowledge of mathematics, science, and engineering. • An ability to design and conduct experiments, to analyze and interpret data. • An ability to design a system, component, or process to meet desired needs. • A knowledge of the professional environment • Well-developed social competences • An ability to function on multidisciplinary teams. • An ability to communicate effectively Electrical Engineering knowledge o Analog and digital electronics o Basic understanding of electrical network and circuits o Instrumentation and measurement o Internet-service o Programming in C o Engineering Design and Drawing Additional skills: o Cost and budgets o time management o product quality o production Other Items	12		

4	**Intended Learning Outcomes** According to module no 8001291 • An ability to apply knowledge of mathematics, science, and engineering. • An ability to design and conduct experiments, to analyze and interpret data. • An ability to design a system, component, or process to meet desired needs. • A knowledge of the professional environment • Well-developed social competences • An ability to function on multidisciplinary teams. • An ability to communicate effectively Electrical Engineering Knowledge o Analog and digital electronics o Basic understanding of electrical network and circuits o Instrumentation and measurement o Internet-service o Programming in C o Engineering Design and Drawing **Additional skills:** o Cost and budgets o time management o product quality o production Other Items	12		

5	**Intended Learning Outcomes** According to module no 8001390 • An ability to apply knowledge of mathematics, science, and engineering. • An ability to design and conduct experiments, to analyze and interpret data. • An ability to design a system, component, or process to meet desired needs. • An ability to transfer theoretical knowledge into practical applications • A knowledge of contemporary issues. • A knowledge of the professional environment • Well-developed social competences • An ability to function on multidisciplinary teams. • An ability to communicate effectively • The broad education necessary to understand the impact of engineering solutions in a global and societal context. Electrical Engineering Knowledge o Power electronics o Electrical installation and Applications o Control Systems o Microprocessor Applications o Electrical Machines and Transformers o Embedded Systems o Product comparison and market analysis Additional skills: o Cost and budgets o Time management o project management o Business skills Other Items			

6	**Intended Learning Outcomes** • An ability to apply knowledge of mathematics, science, and engineering. • An ability to design and conduct experiments, to analyze and interpret data. • An ability to design a system, component, or process to meet desired needs. • An ability to transfer theoretical knowledge into practical applications • A knowledge of contemporary issues. • A knowledge of the professional environment • Well-developed social competences • An ability to function on multidisciplinary teams. • An ability to communicate effectively • The broad education necessary to understand the impact of engineering solutions in a global and societal context. Electrical Engineering Knowledge o Power electronics o Electrical installation and Applications o Control Systems o Microprocessor Applications o Electrical Machines and Transformers o Embedded Systems o Product comparison and market analysis **Additional skills:** o Cost and budgets o time management o project management o Business skills According to module no **8001391** Other Items			