Sample Brief Course Description	
Course title	Co-op Training
Course code	ECE 497
College	Engineering
Department / Program	Electrical Engineering /Electronic, Communications & Renewable Energy Engineering
Year/ Level	5^{th} year / 10^{th} Level
Course Type	A. ☐ University ☐ College ■ Department ☐ Others b. ■ Required ☐ Elective
Credited Hours	6
Contact Hours	(LT:0, LB:0, TR:30)
Pre-requisites (if any)	Passing (150) credit hours
Co-requisites (if any)	---
Course description	The Cooperative training program (Co-Op) is mandatory training before graduating that helps to build students' skills by integrating professional development with academic theory and practical work experiences. During her Co-Op training, the student is supervised by a specialized faculty advisor from the college of engineering and by a professional supervisor from the host company. At the end of the training, the student must submit a final report and conduct an oral presentation to outline the obtained results and showcase the achievements of the training program.

Course Main Objectives	By the end of the Co-Op training, the student will be able to: 1. Be familiar with the work environment after graduation. 2. Develop the skill of working within the team and develop a real-world engineering design system. 3. Recognize the skills acquired during the previous levels to solve real engineering and technical problems. 4. Be creative in analyzing and solving engineering problems. 5. Promote cross-disciplinary learning and a team approach to problem-solving.
Learning Outcomes	**1. Knowledge and Understanding:** 1.1 Understand the company organization, services, products and goals. 1.2 Match related data, knowledge and experiences from credible sources. 1.3 Translate academic theory into engineering applications in the global context. 1.4 Identify the organization issues and problems based on realistic needs and relative constraints.
	2. Skills: 2.1 Formulate complex electrical engineering problems by applying principles of engineering, science and mathematics. 2.2 Conduct appropriate experiments to analyze data pertaining to electrical engineering problems. 2.3 Apply electrical engineering design process to produce solutions that includes realistic constraints required for electrical engineering applications. 2.4 Practice the use of technology tools in designing and implementing electrical systems on practice. 2.5 Communicate the required written reports, mid-term report, final report and to perform a presentation to a jury.
	3. Values: 3.1 Support team-working spirit by listening, helping, sharing information, pulling ideas together, and taking decisions by consensus. 3.2 Appraise ethical code of conduct as experts in the field of electrical engineering.
References	**Required Textbooks:** -