

Course Title: Engineering Project

Course Code: PCEG 319

Credit Hours: 2

Course Description:

1. To apply the knowledge gained from various courses in carrying out electrical and electronic system design and its implementation
2. To develop skills in goal setting, planning, investigation and research, teamwork, implementation, assessment, report writing and presentation
3. To develop practical skills required for real engineering practice, from conceptualisation to effective realization

Course Contents:

Students continue with the same project, started in PCEG303. They work together as a team in the implementation of the project. Careful planning is required by the team as a whole to come to a significant conclusion. Detailed logbook shall be maintained and short intermediate reports shall also be submitted, as required. The project will be assessed against the declared aims and objectives determined in PCEG303. One team report should be submitted giving full technical details of the engineering design and implementation of the completed project. Project product shall be demonstrated after the presentation.