

<b>EECP 3399</b>	<b>Higher Diploma Project</b>	<b>3 Credit Hours</b>
<b>Prerequisites:</b>	<b>None</b>	
<b>Goal</b>	To expose each student to the situation where he/she works individually or on a team in a project in the field of computer engineering.	
<b>Objectives</b>		<b>Outcomes</b>
<p>The course should enable the student to:</p> <ol style="list-style-type: none"> <li>1. Integrate the various areas of knowledge he/she gained through the program</li> <li>2. Consolidate personal confidence in working independently or on a team and improve his/her spirit of performance</li> </ol>		<p>The students should be able to:</p> <ol style="list-style-type: none"> <li>1. Apply the knowledge he/she gained through the program into an integrated project</li> <li>2. Demonstrate communication effectiveness through oral presentations and written reports</li> <li>3. Present the results of work in a seminar and submit a properly written and edited final report</li> <li>4. Manage his/her time to achieve a time-constrained target</li> <li>5. Solve engineering problems</li> </ol>

### **Introduction**

This project is carried out by the student during the summer term of the Higher Diploma program. It involves analyzing and synthesizing problems using engineering principles and techniques. The project may involve some or all of the following features: feasibility study, product design and development, computer simulation and experimental set up. The student is expected to take into account aspects such as professionalism, economy, costing and engineering viability.