Course Name	**SELECTED TOPICS IN COMPUTER SCIENCE**	Course Code	**COMP 5****		

Credit Hours	2	Contact Hours	Lec	Lab	Total
			2	0	2

Offered as	☐ University Requirement ☐ College Requirement ☒ Program Requirement ☐ Core ☒ Elective
	☐ ITEC ☒ COMP ☐ CNET

Level	10	Prerequisite	NIL

Course Description:

This course presents advanced topics in Computer Science and this could be an upcoming field yet to be incorporated in the curriculum or some outstanding state of practice in a certain computer science area. It also covers topics of current interest in computer science. Courses may vary from year to year according to the recent trends/ development in the field of Computer Science. Recent courses include Soft Computing, Virtual Reality, Internet Security, Internet of Things, Image Processing, Natural Language processing, Data Science, Forensic Sciences, Extreme Computing, Computational Intelligence, Computational Geometry & Advanced Data Mining. One of the courses will be selected by the department and offered to the students as selected study based on the recent trends.

Upon completion, the student will be able to:

- ♦ Learn and expose them to new interesting areas of computer science.
- ♦ Acquire a deeper understanding on the current developments in the field.
- ♦ Apply current approaches and techniques from the specific field of computer and information science.
- ♦ Provide comprehensive and in-depth knowledge about the recent practices in computer science area.

Assessment Methods	**Exam-1** ☒	10%	**Exam-2** ☒	10%	**Assignment 1** ☒	10%
	Assignment 2 ☒	10%	**Case Study Presentation** ☒	20%	**Final Exam** ☒	40%

Text Book:
- ♦ Text Books will be specified based on the selection of the course.

References:
- ♦ Text Books will be specified based on the selection of the course.