Computer Engineering Dual-Degree Study Plan with Oakland University

These courses should be studied at PSUT during the First, Second and Third years:

	OU Computer Engineering		PSUT Computer Engineering	
Credits	**General Education Courses (32 hours)**	**Credits**	**Course Name**	**#**
4	Gen Ed 1: Arts	3	University Elective 3	
4	Culture & Gen Ed 2: Foreign Language	3	Arabic Language	
4	Gen Ed 3: Literature	3	University Elective 4	
4	Gen Ed 4: Economics Course	3	Engineering Economics	32431
4	Gen Ed 5: Global Perspectives	3	University Elective 5	
4	WRT 150 Composition I	3	English Language	
4	Writing Foundations: Comp II WRT160	3	Technical Writing	31263
4	& PHL 104: Intro to Ethics in Science Engineering	1	Engineering Ethics	24411
	Included in PHL 104	3	University Elective 1	
	Math/Science Requirement (4 hours)			
4	CHM 143 Chemical Principles	3	University Elective 2	
	Engineering Core Requirements (8 hours)			
4	EGR: 250 Introduction to Thermal Engineering	3	Technical Elective2 (Special Topics in Power)	24581
4	EGR 280: Design & Analysis of Electromechanical Sys.	3	Technical Elective 1	
	Required Professional Subjects (16 hours)			
4	CSE 364 Computer Organization	3	Computer Arch. & ·Org. (1)	22444
4	ECE 378 Digital Logic and Microprocessor Design	3	Microprocessors	22344
	Included with Above	1	Microprocessors Lab	22447
4	ECE 470 Microprocessor-based Systems Design	3	Embedded Systems	22442
	Included with Above	1	Embedded Systems Lab	22448
4	ECE 491 Senior Design	1	Senior Project (1)	22591
		2	Senior Project (2)	22592
	Professional Elective (12 hours)			
4	Prof Elective 1: (Advanced Comp Arch)	3	Computer Arch & ·Org. (2)	22540
	Included with Above	1	Computer Design Lab	22548
4	Prof Elective 2 (In Advanced Computer Network)	3	Technical Elective 3	
	Included with Above	1	Computer Networks Lab (2)	22547
4	Prof Elective 3:(CSE 450 Fundamentals of Operating Systems)	3	Operating Systems	11335
72	**Total hours by OU**	**59**	**Total hours by PSUT**	