Software Engineering Guidance Plan

	First Year		Second Year		Third Year		Fourth Year	
	First Semester	**Second Semester**	**First Semester**	**Second Semester**	**First Semester**	**Second Semester**	**First Semester**	**Second Semester**
	Computer Skills 0102120	Introduction to Programming 0102220	Foundations of Software Engineering 0103220	Software Requirements and Specification 0103320	Operating Systems 0102340	Formal specifications and Design Methods 0103331	Major Elective (2)	Islamic Culture 0406110
	Calculus I 0107101	Discrete Structures 0107200	Probability Theory and Statistics 0107103	Computer Organization 0102240	Database Systems 0102330	Object-Oriented Analysis and Design 0103430	Group (A)	Group (B)
	Introduction to Psychology 0408100	Linear Algebra 0107102	Calculus II 0107104	Introduction to Numerical Methods 0107201	Computer Ethics 0102453	Major Elective (1)	Software Evolution and Maintenance 0103441	
	Arabic Language 0405100	Physics II 0108203	Object Oriented Programming 0102221	Data Structures and Algorithms 0102270	Software Design and Development 0103330	Software Measurement and Testing 0103440	SE Capstone Project1 0103490	SE Capstone Project2 0103491
	English 1 0401120	Fundamentals of Innovation and Entrepreneurship 0501170	Physics I Lab 0108104	Introduction to Artificial Intelligence (0114208)	Scientific Research Methodology 0508203	Web Development 0102420		
	Physics-I 0108103	English 2 0401121	Chemistry 0201100	Software Project Management 0103420	User Interface Design 0103431	SE Internship 0103480		
	18	**18**	**16**	**18**	**18**	**18**	**10**	**8**
Total	**36**		**34**		**36**		**18**	
	124							