

<u>PROGRAMME</u>	<u>COURSES</u>
Preliminary	
First Semester	ENGR 0110 - Pre-engineering Physics I
	ENGR 0120 - Pre-engineering Mathematics I
	ENGR'0230- Biology for Engineers
	ENGR'0130 - Chemistry for Engineers
Second Semester	
	ENGR0210 - Pre-Engineering Physics II
	ENGR0220 - Pre-Engineering Mathematics II
	ENGR0240 - Computer Applications for Beginner Engineers
	FOUN1014 - Critical Reading & Writing in the Sciences
Civil Engineering	ELECTIVE 1 -(Humanities/Social Sciences/Social Sciences course)
First Semester	
	CENG'1101-Civil Engineering Materials
	CENG'1102-Computer Aided Design & Drafting
	CENG'1103-Introduction to Computer Application in Civil Engineering
	CENG1104-Engineering Mechanics
	ENGR'1100-The Engineering Profession
	ENGR'1180-Engineering Mathematics I
Second semester	
	CVNG1000 - Mechanics of Solids
	CVNG1001 - Mechanics of Fluids 1
	CVNG1002 - Civil Engineering Design I
	CVNG1007 - Introduction to Geotechnical Engineering
	CENG1204 - Civil Engineering Geomatics
	FOUN1014 - Critical Reading and Writing
Biomedical Engineering	
First semester	ENGR'1100 - The Engineering Profession
	ENGR'1180 - Engineering Mathematics I
	ECSE 1102 - Engineering Circuit Analysis and Devices
	ECSE1104 - Digital Circuits and Systems
	ECSE'1109-Programming for Engineers I
Second semester	

	ELNG1101 - Physics for Engineers
	ENGR1205 - Engineering Labs and Designs II
	ENGR1200 - Engineering Tools and Techniques
	ECSE1209 - Programming for Engineers II
	BMNG1210 - Introduction to Biomedical Engineering
	FOUN 1014 - Critical Reading and Writing
Electrical Power	
First Semester	ENGR1180 - Engineering Mathematics I
	ECSE1104 - Digital Circuits and Systems
	ECSE1109 - Programming for Engineers I
	ENGR1100 - The Engineering Profession
	ECSE1102 - Engineering Circuit Analysis and Devices
Second Semester	
	ELNG1101 - Physics for Engineers
	ENGR1205 - Engineering Labs and Designs II
	ENGR1200 - Engineering Tools and Practice
	EPNG1201 - Intro to Thermodynamics and Fluid Mechanics
	EPNG1210 - Electrical Machines I
	FOUN 1014 - Critical Reading and Writing
Electronic Engineering	
First Semester	ENGR1180 - Engineering Mathematics I
	ECSE1104 - Digital Circuits and Systems
	ECSE1109 - Programming for Engineers I
	ENGR1100 - The Engineering Profession
	ECSE1102 - Engineering Circuit Analysis and Devices
Second Semester	
	ELNG1101 - Physics for Engineers
	ENGR1205 - Engineering Labs and Designs II
	ENGR1200 - Engineering Tools and Practice
	ECSE1209 - Programming for Engineers II
	ECSE1207 - Computer Architecture and Organization
	FOUN1014 - Critical Reading and Writing