

BSE.EE Degree		Student Number		Student Name:		Email	
Course Dependencies		Rev.2017-May-31		Academic Adviser:		Email:	
YEAR 1		YEAR 2		YEAR 3		YEAR 4	
TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6	TERM 7	TERM 8
MATH 1003 Intro to Calculus I (4-0-0) Prereq: Math Placement	MATH 1013 Intro to Calculus II (4-0-0) Prereq: MATH 1003 MWF 11:30-12:20 +	MATH 2513 Multivariable Calculus (4-0-0) Prereq: MATH1013 and MATH 1503	MATH 3503 Differential Equations (3-1-0) Prereq: MATH 1503 Coreq: MATH 2513	ECE 3111 Electronics I (3-1-3*) Prereq: ECE 2711	ECE 3122 Electronics II (3-1-3*) Prereq: ECE2722, ECE3111	ECE 4040 Design Project (1*-0-6) CS 1023 or CS 1083, and 52 credit hours of ECE core courses	
MATH 1503 Linear Algebra (4-0-0) Prereq: Math Placement	ECE 1813 Electricity & Magnetism (3-1-2) Co-Requisite: MATH 1003	ECE 2711 Electric Circuits (3-1-3*) Prereq: MATH 1013, ECE 1813	ECE 2722 Circuits & Sys (3-1-3*) Prereq: ECE2711 & MATH 1503 Coreq: MATH 3503	ECE 3511 Signals (3-1-3*) Prereq: ECE2722, MATH 3503 CoRequisite: STAT 2593	ECE 3312 Systems & Control (3-1-3*) Prereq: ECE2722, MATH 3503, ENGG1082	ENGG 4013 Law & Ethics (3-0-0) Required: 100 ch, Final Year	Engineering Econ ME3232 (3-0-0) Required 60 ch. 3 CE3963 Prereq: 60 ch, CS1003 FA17 CE3963 1a Open Access WI17 CE3963 1b MWF 8:30-9:20 WI17 CE3963 2b Open Access WI17 ME3232 1b MWF 12:30-1:20
CS 1003 Problem Solving and Programming (3-0-3*) Coreq: Phys1081	HSS (CSE B) BIOL, CHEM, ESCI, GEOL, PHYS OR HSS (CSE B) Anth, Classics, Literature, History, Philosophy, Political Science, Sociology	CS 1023 Data Structures (3-0-2) Prereq: CS1003	APSC 2023 Survey of 19th& 20th Cent Physics (3-0-0) Prereq: PHYS 1081, MATH 1013	ECE 3612 Machines (3-1-2) Prereq: ENGG1082, MATH2513, ECE2711	ECE 3031 Elect Design (3-1-1.5) Prereq: ECE2722, ECE2214, ECE2215, ECE2412, ENGG1003, ENGG1001, ENGG1015 Coreq: ECE3111	TE (2)	TE (5)
PHYS 1081 Foundations of Phys for Engg (3-0-3) Co-Requisite: MATH 1003, MATH 1503	ENGG 1082 Mechanics for Engineers (3-1-2) PreRequisite: PHYS 1081, MATH 1003, MATH 1503	HSS (CSE A) Tech & Society FA16 HIST3925 5:30-8:20 HIST3925, HIST3975 SOCI2533, SOCI2534 RCLP2042, STS1003 (STU) Others subject to Dept Approval	APSC 2028 Lab for Survey 19th&20th Cent (0-0-3) Co-requisite: APSC2023	ECE 3821 Electromagnetics I (3-1-1.5) Prereq: MATH 3503, MATH 2513, ECE2711	TE (1)	TE (3)	TE (6)
ENGG1003 Technical Communications MW 1:30-2:20 1a,7a Lab M 2:30-5:20 2a, 10a Lab T 2:30-5:20 3a, 6a Lab W 2:30-5:20 4a, 9a Lab Th 2:30-5:20 5a, 8a Lab F 2:30-5:20	CHEM1982 Gen Chemistry Physical & Inorganic (3-1-0) MWF 8:30-9:20 Tut W 7:00-8:50 pm	ECE 2214 Digital Logic Design prereq: CS1003 coreq: ECE2215 Recommended: ECE1813 ECE2215 Digital Logic Labs Prereq: CS1003 Coreq: ECE2214 Recommended: ECE1813	ECE 2412 Simulation & Analysis (3-0-1.5) Prereq: CS1003, ECE1813, MATH 1013, MATH 1503	ECE 3221 Computer Organization (3-1-3*) Prereq: ECE2214 and ECE2215 or equivalent, Co-requisite: CS1023	ECE 3232 Embedded System Design (3-0-2) Prereq: CS1023; ECE3221	TE (4)	TME 3313 Managing Engg & Inform. Tech Projects (3-0-0) 80 ch of approved courses
ENGG1015 Intro to Eng Design & Problem Solving (1-0-2) CoRequisite: ENGG1003, PHYS 1081, MATH 1003, MATH 1503	CHEM1987 Gen Chemistry Labs (0-0-3) CoRequisite: CHEM1982	Basic Science BIOL, CHEM, ESCI, GEOL, PHYS OR HSS (CSE B) Anth, Classics, Literature, History, Philosophy, Political Science, Sociology	STAT 2593 Probability & Statistics (3-0-0) Prereq: MATH 1013			(CSE C) ADM, ANTH, BA, CHNS, CLAS, ECON, ENGL, ENVS, FVI, FILM, FNAT, FR, FR/LING, GEND, GEOG, GER, GRK, HIST, HUM, HTM, ICS, IDS, IS, JPNS, LAT, LING, LING/FR, MM, MUS, PHIL, POLS, PSYC, RCLP, RUSS, SOCI, SPAN, TME, WMS, WLCS	
ENGG1001 Eng Practice Lecturing Series (1-0-0) F 1:30-2:20	If the grades on this matrix appear different from your transcript, the transcript grades are used when calculating a degree completion. SPECIAL NOTE: Degree Requirements: - D's are excluded in the credit hour count. The minimum credit hour requirement for an Engineering Degree is 160ch.						
21	19	22	19	20	20	18	21
A minimum grade of C is required for all courses used for credit towards the B.Sc.E. degree.							
Total Ch: 160							

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Total Ch: 160