UNIVERSITY OF MASSACHUSETTS DARTMOUTH
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

CLASS OF 2010 AND BEYOND

DEGREE AUDIT AND PROGRESS SHEET

COMPUTER ENGINEERING

NAME: _____ **SID:** _____

E-MAIL: _____ ☐ **ALL REQUIREMENTS MET** **ENTERING TERM:** _____

COURSE	SATISFIED BY	TERM	CRS	GR	PREREQUISITES
MATHEMATICS (21 credits)					☐ **Requirements Met**
Calculus I	☐ MTH 113 ☐ MTH 111		4		EGR 101+
Calculus II	☐ MTH 114 ☐ MTH 112		4		MTH 113, EGR 102+, PHY 111+
Calculus III	☐ MTH 213 ☐ MTH 211		4		MTH 114, PHY 112+
Differential Equations	☐ MTH 212		3		MTH 114
Probability	☐ MTH 331		3		MTH 114
Applied Discrete Mathematics	☐ MTH 350		3		ECE 160, MTH 114
BASIC SCIENCE (11 credits)					☐ **Requirements Met**
Science Elective[1]	☐		3		
Classical Physics I	☐ PHY 111 ☐ PHY 113		4		EGR 102+, MTH 114+
Classical Physics II	☐ PHY 112 ☐ PHY 114		4		PHY 111, MTH 213+
ENGINEERING (4 credits)					☐ **Requirements Met**
Intro. Eng. Applied Science I	☐ EGR 101		2		MTH 113+
Intro. Eng. Applied Science II	☐ EGR 102		2		MTH 114+, PHY 111+
ECE COMMON (36 credits)					☐ **Requirements Met**
Foundations of CPE I[2]	☐ ECE 160		4		
Circuit Theory I	☐ ECE 201		3.5		EGR 101, MTH 114
Circuit Theory II	☐ ECE 202		3.5		ECE 201
Fundamentals of MATLAB	☐ ECE 250		1		ECE 160
Digital Logic & Comp. Design	☐ ECE 260		3.5		
Embedded Systems	☐ ECE 263		3.5		ECE 260
Object Oriented Software Devel.	☐ ECE 264		4		ECE 160
Digital Electronics	☐ ECE 311		4		ECE 201, ECE 260, PHY 112
Discrete-Time Linear Systems	☐ ECE 320		3		ECE 202, ECE250
Design Project I[3]	☐ ECE 457		3		Senior standing
Design Project II	☐ ECE 458		3		ECE 457
CPE UNIQUE (22 credits)					☐ **Requirements Met**
Foundations of CPE II	☐ ECE 161		4		ECE 160
Fundaments of UNIX	☐ ECE 257		2		ECE 160
Design of Operating Systems	☐ CIS 370		4		ECE 161, ECE 257, ECE 263
Algorithms & Data Structures	☐ CIS 360		3		ECE 161, ECE 264
Comp. System Perf. Eval.	☐ ECE 460		3		ECE 263; CIS 360, 370; MTH 331
Digital Design	☐ ECE 368		3		ECE 263
Computer Networks	☐ ECE 469		3		CIS 370, ECE 201
TECHNICAL ELECTIVES (9 credits)					☐ **Requirements Met**
Elective 1	☐ ECE		3		
Elective 2	☐ ECE		3		
Elective 3	☐		3		
GENERAL EDUCATION (25 credits)					☐ **Requirements Met**
Critical Writing & Reading I	☐ ENL 101		3		
Critical Writing & Reading II	☐ ENL 102		3		ENL 101
Technical Communications[4]	☐ ENL 266		3		
Ethics[5]	☐ ECE 310		1		
Area C	☐		3		
Area C	☐		3		
Area C	☐		3		
Area D	☐		3		
Area G	☐		3		

+ indicates co-requisite

Total Credits = 128

[1] Must be taken from this list: all CHM, MTX, and PHY courses numbered above 150; all BIO courses numbered above 199; or 100-level BIO courses with the S designation.
[2] Meets the General Education Area I (Tier 2) requirement: Information and Computer Literacy.
[3] Meets the General Education Area O requirement: Oral Skills.
[4] Meets the General Education Area W requirement: Writing Skills.
[5] Meets the General Education Area E requirement: Ethics and Social Responsibility.

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