UNIVERSITY OF MASSACHUSETTS DARTMOUTH
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

CLASS OF 2010 AND BEYOND

DEGREE AUDIT AND PROGRESS SHEET

ELECTRICAL ENGINEERING

NAME: _____ **SID:** _____

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

MATHEMATICS (18 credits) ☐ **Requirements Met**

COURSE	SATISFIED BY	TERM	CRS	GR	PREREQUISITES
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
Engineering Math	☐ ECE 455 ☐ ECE 485 ☐ MTH 221 ☐ MTH 311 ☐ MTH 350 ☐ MTH 421		3		

BASIC SCIENCE (14 credits) ☐ **Requirements Met**

Science Elective[1]	☐		3		
Science Elective[1]	☐		3		
Classical Physics I	☐ PHY 111 ☐ PHY 113		4		MTH 113, 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

ELE UNIQUE (19 credits) ☐ **Requirements Met**

Analog Electronics	☐ ECE 312		4		ECE 202, ECE 311
Continuous-Time Linear Systems	☐ ECE 321		3		ECE 320, MTH 212
Electromagnetic Theory I	☐ ECE 335		3		ECE 201, MTH 213, PHY 112
Electromagnetic Theory II	☐ ECE 336		3		ECE 335
Random Signals & Noise	☐ ECE 384		3		ECE 320
Communication Theory	☐ ECE 471		3		ECE 321, ECE 384

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 = 125

[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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