UNIVERSITY OF MASSACHUSETTS DARTMOUTH
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

DEGREE AUDIT AND PROGRESS SHEET

CLASS OF 2022 AND BEYOND
ELECTRICAL ENGINEERING

NAME: _____ **SID:** _____

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

COURSE	SATISFIED BY	TERM	CRS	GR	PREREQUISITES
MATHEMATICS (18 credits)					☐ **Requirements Met**
Calculus I[1]	☐ MTH 153 ☐ MTH 151		4		
Calculus II	☐ MTH 154 ☐ MTH 152		4		MTH 153, PHY 111+
Calculus III	☐ MTH 213 ☐ MTH 211		4		MTH 154, PHY 112+
Differential Equations	☐ MTH 212		3		MTH 154
Engineering Math	☐ ECE 355 ☐ ECE 455 ☐ ECE 485 ☐ MTH 221		3		
BASIC SCIENCE (14 credits)					☐ **Requirements Met**
Science Elective[2] (US Cluster 2B)	☐		3		
Science Elective[2]	☐		3		
Classical Physics I[3]	☐ PHY 111 ☐ PHY 113		4		MTH 153, MTH 154+
Classical Physics II	☐ PHY 112 ☐ PHY 114		4		PHY 111, MTH 213+
ENGINEERING (3 credits)					☐ **Requirements Met**
Intro. Eng. & Computing[4]	☐ EGR 111		3		
ECE COMMON (41 credits)					☐ **Requirements Met**
Foundations of CPE I	☐ ECE 160		4		
Circuit Theory I	☐ ECE 201		3.5		MTH 154
Circuit Theory II	☐ ECE 202		3.5		ECE 201
Fundamentals of MATLAB	☐ ECE 250		2		ECE 160
Digital Logic & Comp. Design	☐ ECE 260		3.5		
Embedded Systems	☐ ECE 263		3.5		ECE 160, ECE 201, ECE 260
Object Oriented Software Devel.	☐ ECE 264		4		ECE 160
Ethics	☐ ECE 310		1		
Digital Electronics	☐ ECE 311		4		ECE 201, ECE 260, PHY 112
Discrete-Time Linear Systems	☐ ECE 320		3		ECE 202, ECE 250
Embedded System Design Project	☐ ECE 388		3		ECE 202, ECE 263
Design Project I[5]	☐ ECE 457		3		Senior Standing
Design Project II[6]	☐ 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 (6 credits)					☐ **Requirements Met**
Elective 1	☐ ECE 4_ _ ☐ _ _ _ 4_ _		3		
Elective 3	☐ ECE 4_ _		3		
UNIVERSITY STUDIES (24 credits)					☐ **Requirements Met**
Critical Writing & Reading I	☐ ENL 101		3		
Critical Writing & Reading II	☐ ENL 102		3		ENL 101
Technical Communications[7]	☐ ENL 266		3		ENL 102
University Studies Cluster 3A	☐		3		
University Studies Cluster 3B	☐		3		
University Studies Cluster 4A	☐		3		
University Studies Cluster 4B	☐		3		
University Studies Cluster 4C	☐ EGR 303		3		MTH 154

+ indicates co-requisite

Total Credits = 125

[1] This course meets the University Studies Cluster 1D requirement: Mathematics.
[2] Must be chosen from this list: BIO, BNG, CHM, MAR, or MLS course; or a PHY course numbered above 150. One of the courses must come from the University Studies cluster 2B (Science in the Engaged Community) approved list (www.umassd.edu/universitystudies/approvedcourses/). Requirement may not be satisfied by independent study, seminars or internships.
[3] This course meets the University Studies Cluster 2A requirement: Science of the Natural World.
[4] This course meets the University Studies Cluster 1E requirement: Foundation for Learning through Engagement.
[5] This course meets the University Studies Cluster 5B requirement: Learning through Engagement.
[6] This course meets the University Studies Cluster 5A requirement: Capstone Study.
[7] This course meets the University Studies Cluster 1C requirement: Intermediate Writing.

GPA: _____
GPA in Major: _____
☐ **Senior Exit Survey Completed**
☐ **Alumni Information Form Completed**

Last Revision: December 2021

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