

**UNIVERSITY OF MASSACHUSETTS DARTMOUTH
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING**

**CLASS OF 2022 AND BEYOND
COMPUTER ENGINEERING**

DEGREE AUDIT AND PROGRESS SHEET

NAME: _____

SID: _____

E-MAIL: _____ ALL REQUIREMENTS MET

ENTERING TERM: _____

COURSE _____ SATISFIED BY _____ TERM _____ CRS _____ GR _____ PREREQUISITES _____

MATHEMATICS (21 credits)

Requirements Met

Calculus I ¹	<input type="checkbox"/> MTH 153	<input type="checkbox"/> MTH 151		4	
Calculus II	<input type="checkbox"/> MTH 154	<input type="checkbox"/> MTH 152		4	MTH 153, PHY 111+
Calculus III	<input type="checkbox"/> MTH 213	<input type="checkbox"/> MTH 211		4	MTH 154, PHY 112+
Differential Equations	<input type="checkbox"/> MTH 212			3	MTH 154
Probability	<input type="checkbox"/> MTH 331			3	MTH 154
Applied Discrete Structures	<input type="checkbox"/> ECE 355			3	MTH 154

BASIC SCIENCE (11 credits)

Requirements Met

Science Elective ² (US Cluster 2B)	<input type="checkbox"/>			3	
Classical Physics I ³	<input type="checkbox"/> PHY 111	<input type="checkbox"/> PHY 113		4	MTH 153, MTH 154+
Classical Physics II	<input type="checkbox"/> PHY 112	<input type="checkbox"/> PHY 114		4	PHY 111, MTH 213+

ENGINEERING (3 credits)

Requirements Met

Intro. Eng. & Computing ⁴	<input type="checkbox"/> EGR 111			3	
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ECE COMMON (41 credits)

Requirements Met

Foundations of CPE I	<input type="checkbox"/> ECE 160			4	
Circuit Theory I	<input type="checkbox"/> ECE 201			3.5	MTH 154
Circuit Theory II	<input type="checkbox"/> ECE 202			3.5	ECE 201
Fundamentals of MATLAB	<input type="checkbox"/> ECE 250			2	ECE 160
Digital Logic & Comp. Design	<input type="checkbox"/> ECE 260			3.5	
Embedded Systems	<input type="checkbox"/> ECE 263			3.5	ECE 160, ECE 260
Object Oriented Software Devel.	<input type="checkbox"/> ECE 264			4	ECE 160
Engineering Ethics	<input type="checkbox"/> ECE 310			1	
Digital Electronics	<input type="checkbox"/> ECE 311			4	ECE 201, ECE 260, PHY 112
Discrete-Time Linear Systems	<input type="checkbox"/> ECE 320			3	ECE 202, ECE250
Embedded Design Project	<input type="checkbox"/> ECE 388			3	ECE 263
Design Project I ⁵	<input type="checkbox"/> ECE 457			3	Senior Standing
Design Project II ⁶	<input type="checkbox"/> ECE 458			3	ECE 457

CPE UNIQUE (16 credits)

Requirements Met

Foundations of CPE II	<input type="checkbox"/> ECE 161			4	ECE 160
Foundations of Cyber Security	<input type="checkbox"/> ECE 256			3	ECE 160
Design/Impl. RT Embedded RMS	<input type="checkbox"/> ECE 370			3	ECE 161, ECE 256, ECE 263
Digital Design	<input type="checkbox"/> ECE 368			3	ECE 263
Computer Networks	<input type="checkbox"/> ECE 369			3	ECE 370, ECE 201

TECHNICAL ELECTIVES (6 credits)

Requirements Met

Elective 1	<input type="checkbox"/> ECE 4__ <input type="checkbox"/> __ 4__			3	
Elective 2	<input type="checkbox"/> ECE 4__			3	

UNIVERSITY STUDIES (24 credits)

Requirements Met

Critical Writing & Reading I	<input type="checkbox"/> ENL 101			3	
Critical Writing & Reading II	<input type="checkbox"/> ENL 102			3	ENL 101
Technical Communications ⁷	<input type="checkbox"/> ENL 266			3	ENL 102
University Studies: Cluster 3A	<input type="checkbox"/>			3	
University Studies: Cluster 3B	<input type="checkbox"/>			3	
University Studies: Cluster 4A	<input type="checkbox"/>			3	
University Studies: Cluster 4B	<input type="checkbox"/>			3	
University Studies: Cluster 4C	<input type="checkbox"/> EGR 303			3	MTH 154

+ indicates co-requisite

Total Credits = 122

GPA: _____
GPA in Major: _____
<input type="checkbox"/> Senior Exit Survey Completed
<input type="checkbox"/> Alumni Information Form Completed

¹ This course meets the University Studies Cluster 1D requirement: Mathematics.

² Must be chosen from the University Studies cluster 2B (Science in the Engaged Community) approved list (www.umassd.edu/universitystudies/approvedcourses/) and be a BIO, BNG, CHM, MAR, or MLS course; or a PHY course numbered above 150. 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.