

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

**CLASS OF 2029 AND BEYOND
ELECTRICAL ENGINEERING**

DEGREE AUDIT AND PROGRESS SHEET

NAME: _____

SID: _____

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

ENTERING TERM: _____

COURSE	SATISFIED BY	TERM	CRS	GR	PREREQUISITES
MATHEMATICS (18 credits) <input type="checkbox"/> 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
Calculus III	<input type="checkbox"/> MTH 213 <input type="checkbox"/> MTH 211		4		MTH 154
Differential Equations	<input type="checkbox"/> MTH 212		3		MTH 154
Linear Algebra	<input type="checkbox"/> MTH 221		3		MTH 154
BASIC SCIENCE (14 credits) <input type="checkbox"/> Requirements Met					
Science Elective ² (US Cluster 2B)	<input type="checkbox"/>		3		
Science Elective ²	<input type="checkbox"/>		3		
Classical Physics I ³	<input type="checkbox"/> PHY 111 <input type="checkbox"/> PHY 113		4		MTH 153
Classical Physics II	<input type="checkbox"/> PHY 112 <input type="checkbox"/> PHY 114		4		PHY 111, MTH 154
ENGINEERING (3 credits) <input type="checkbox"/> Requirements Met					
Intro. Eng. & Computing ⁴	<input type="checkbox"/> EGR 111		3		
ECE COMMON (32.5 credits) <input type="checkbox"/> Requirements Met					
Intro to Programming	<input type="checkbox"/> ECE 170		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
Digital Logic & Comp. Design	<input type="checkbox"/> ECE 260		3.5		
Embedded Systems	<input type="checkbox"/> ECE 263		3.5		ECE 170, ECE 201, ECE 260
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		3.5		ECE 202
Design Project I ⁵	<input type="checkbox"/> ECE 457		3		Senior Standing
Design Project II ⁶	<input type="checkbox"/> ECE 458		3		ECE 457
ELE UNIQUE (19.5 credits) <input type="checkbox"/> Requirements Met					
Analog Electronics	<input type="checkbox"/> ECE 312		4		ECE 202, ECE 311
Continuous-Time Linear Systems	<input type="checkbox"/> ECE 321		3.5		ECE 320, MTH 212
Electromagnetic Theory I	<input type="checkbox"/> ECE 335		3		ECE 201, MTH 213, PHY 112
Electromagnetic Theory II	<input type="checkbox"/> ECE 336		3		ECE 335
Random Signals & Noise	<input type="checkbox"/> ECE 384		3		ECE 320
Communication Theory	<input type="checkbox"/> ECE 471		3		ECE 321, ECE 384
TECHNICAL ELECTIVES (9 credits) <input type="checkbox"/> Requirements Met					
Elective 1	<input type="checkbox"/> ECE 4__		3		
Elective 2	<input type="checkbox"/> ECE 4__		3		
Elective 3	<input type="checkbox"/> ECE 4__		3		
UNIVERSITY STUDIES (24 credits) <input type="checkbox"/> 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

Total Credits = 120

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