UNIVERSITY OF MASSACHUSETTS DARTMOUTH
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

DEGREE AUDIT AND PROGRESS SHEET

CLASS OF 2022 AND BEYOND
COMPUTER ENGINEERING

NAME: _____ **SID:** _____

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

COURSE	SATISFIED BY	TERM	CRS	GR	PREREQUISITES
MATHEMATICS (21 credits) 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
Probability	☐ MTH 331		3		MTH 154
Applied Discrete Structures	☐ ECE 355		3		MTH 154
BASIC SCIENCE (11 credits)					☐ **Requirements Met**
Science Elective[2] (US Cluster 2B)	☐		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
Engineering 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
CPE UNIQUE (16 credits)					☐ **Requirements Met**
Foundations of CPE II	☐ ECE 161		4		ECE 160
Foundations of Cyber Security	☐ ECE 256		3		ECE 160
Design/Impl. RT Embedded RMS	☐ ECE 370		3		ECE 161, ECE 256, ECE 263
Digital Design	☐ ECE 368		3		ECE 263
Computer Networks	☐ ECE 369		3		ECE 370, ECE 201, MTH 331
TECHNICAL ELECTIVES (6 credits)					☐ **Requirements Met**
Elective 1	☐ ECE 4_ _ ☐ _ _ _ 4_ _		3		
Elective 2	☐ 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 = 122

[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.

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

Last Revision: December 2021