

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

**CLASSES OF 2018-2020
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) <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, 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) <input type="checkbox"/> 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) <input type="checkbox"/> Requirements Met					
Intro. Eng. & Computing ⁴	<input type="checkbox"/> EGR 111		3		
ECE COMMON (38 credits) <input type="checkbox"/> 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 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
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 (25 credits) <input type="checkbox"/> Requirements Met					
Foundations of CPE II	<input type="checkbox"/> ECE 161		4		ECE 160
Fundamentals of UNIX	<input type="checkbox"/> ECE 257		2		ECE 160
Algorithms & Data Structures	<input type="checkbox"/> CIS 360		3		ECE 161, ECE 264, ECE 355
Design of Operating Systems	<input type="checkbox"/> CIS 370		4		ECE 161, ECE 257, ECE 263
Digital Design	<input type="checkbox"/> ECE 368		3		ECE 263
Computer Networks	<input type="checkbox"/> ECE 369		3		CIS 370, ECE 201
Embedded Design Project	<input type="checkbox"/> ECE 388		3		ECE 263
Comp. System Perf. Eval.	<input type="checkbox"/> ECE 460		3		ECE 263; CIS 360, 370; MTH 331
TECHNICAL ELECTIVES (6 credits) <input type="checkbox"/> 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) <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"/>		3		

+ indicates co-requisite

Total Credits = 128

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