

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

**CLASSES OF 2016 AND 2017  
ELECTRICAL ENGINEERING**

**DEGREE AUDIT AND PROGRESS SHEET**

NAME: \_\_\_\_\_

SID: \_\_\_\_\_

E-MAIL: \_\_\_\_\_  ALL REQUIREMENTS MET

ENTERING TERM: \_\_\_\_\_

COURSE	SATISFIED BY			TERM	CRS	GR	PREREQUISITES
<b>MATHEMATICS (18 credits)</b> <span style="float:right"><input type="checkbox"/> Requirements Met</span>							
Calculus I <sup>1</sup>	<input type="checkbox"/> MTH 113	<input type="checkbox"/> MTH 111			4		EGR 101+
Calculus II	<input type="checkbox"/> MTH 114	<input type="checkbox"/> MTH 112			4		MTH 113, EGR 102+, PHY 111+
Calculus III	<input type="checkbox"/> MTH 213	<input type="checkbox"/> MTH 211			4		MTH 114, PHY 112+
Differential Equations	<input type="checkbox"/> MTH 212				3		MTH 114
Engineering Math	<input type="checkbox"/> ECE 455 <input type="checkbox"/> MTH 311	<input type="checkbox"/> ECE 485 <input type="checkbox"/> ECE 355	<input type="checkbox"/> MTH 221 <input type="checkbox"/> MTH 421		3		
<b>BASIC SCIENCE (14 credits)</b> <span style="float:right"><input type="checkbox"/> Requirements Met</span>							
Science Elective <sup>2</sup>	<input type="checkbox"/>				3		
Science Elective <sup>2</sup>	<input type="checkbox"/>				3		
Classical Physics I <sup>3</sup>	<input type="checkbox"/> PHY 111	<input type="checkbox"/> PHY 113			4		MTH 113, EGR 102+, MTH 114+
Classical Physics II	<input type="checkbox"/> PHY 112	<input type="checkbox"/> PHY 114			4		PHY 111, MTH 213+
<b>ENGINEERING (4 credits)</b> <span style="float:right"><input type="checkbox"/> Requirements Met</span>							
Intro. Eng. Applied Science I <sup>4</sup>	<input type="checkbox"/> EGR 101				2		MTH 113+
Intro. Eng. Applied Science II	<input type="checkbox"/> EGR 102				2		MTH 114+, PHY 111+
<b>ECE COMMON (37 credits)</b> <span style="float:right"><input type="checkbox"/> Requirements Met</span>							
Foundations of CPE I	<input type="checkbox"/> ECE 160				4		
Circuit Theory I	<input type="checkbox"/> ECE 201				3.5		EGR 101, MTH 114
Circuit Theory II	<input type="checkbox"/> ECE 202				3.5		ECE 201
Fundamentals of MATLAB	<input type="checkbox"/> ECE 250				1		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
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 <sup>5</sup>	<input type="checkbox"/> ECE 457				3		Senior standing
Design Project II <sup>6</sup>	<input type="checkbox"/> ECE 458				3		ECE 457
<b>ELE UNIQUE (19 credits)</b> <span style="float:right"><input type="checkbox"/> Requirements Met</span>							
Analog Electronics	<input type="checkbox"/> ECE 312				4		ECE 202, ECE 311
Continuous-Time Linear Systems	<input type="checkbox"/> ECE 321				3		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
<b>TECHNICAL ELECTIVES (9 credits)</b> <span style="float:right"><input type="checkbox"/> Requirements Met</span>							
Elective 1	<input type="checkbox"/> ECE				3		
Elective 2	<input type="checkbox"/> ECE				3		
Elective 3	<input type="checkbox"/>				3		
<b>UNIVERSITY STUDIES (24 credits)</b> <span style="float:right"><input type="checkbox"/> Requirements Met</span>							
Critical Writing & Reading I	<input type="checkbox"/> ENL 101				3		
Critical Writing & Reading II	<input type="checkbox"/> ENL 102				3		ENL 101
Technical Communications <sup>7</sup>	<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 = 125**

<sup>1</sup> This course meets the University Studies Cluster 1D requirement: Mathematics.

<sup>2</sup> Must be chosen from this list: BIO, BNG, CHM, 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/](http://www.umassd.edu/universitystudies/approvedcourses/)). Requirement may not be satisfied by independent study, seminars or internships.

<sup>3</sup> This course meets the University Studies Cluster 2A requirement: Science of the Natural World.

<sup>4</sup> This course meets the University Studies Cluster 1E requirement: Foundation for Learning through Engagement.

<sup>5</sup> This course meets the University Studies Cluster 5B requirement: Learning through Engagement.

<sup>6</sup> This course meets the University Studies Cluster 5A requirement: Capstone Study.

<sup>7</sup> This course meets the University Studies Cluster 1C requirement: Intermediate Writing.