Central Ohio Technical College 2010-2011 Academic Year

Two Year Plan of Study for the Associate of Applied Science Degree in

Electromechanical Engineering Technology

Name:		
COTC Stud	ent ID#:	
Advisor:		
	Datatel Department Code	EMT
	COTC Major Number	003020

OBR Subjectcode

150403

- 1. Courses listed on this Plan of Study may have prerequisites; please see the Course Description Section on the COTC Web Page (COTC Current Students Tab).
- 2. Courses highlighted on this Plan of Study are offered only once a year in the Quarter indicated; courses not highlighted on this Plan of Study may or may not be offered more than once per year.
- 3. A student may need to take pre-college Math courses as determined by the COMPASS Math Placement Test Scores before taking MTH-1215 College Algebra.

KEY: * Indicates this course has a prerequisite; please see the Course Description Section on the COTC Web Page.

COURSE	COURSE TITLE	CR	CRS	QTR	COURSE	COURSE TITLE	CR	CRS	QTR	COURSE	COURSE TITLE	CR	CRS	QTR
NAME		HRS	TYPE	OFFERED	NAME		HRS	TYPE	OFFERED	NAME		HRS	TYPE	OFFERED
QUARTER 1					QUARTER 2					QUARTER 3				
BMT-2014	Principles of Business	4.00	Non-Tech	SM,AU,WI,SP	BMT-2018	Project Management	3.00	Non-Tech	SM,AU,WI,SP	COM-1536	Composition II	4.00	Non-Tech	SM,AU,WI,SP
CMP-2596	Prin Computer Programming	4.00	Non-Tech	SM,AU,WI,SP	COM-1535	Composition I	4.00	Non-Tech	SM,AU,WI,SP	EET-3029	Circuits II	4.00	Tech	SP
DDT-3706	Introduction to CAD	2.00	Non-Tech	AU	EET-3028	Circuits I	4.00	Tech	WI	PHY-1726	Physics I Mechanics	5.00	Non-Tech	SP
EET-3018	PC Hardware	3.00	Tech	AU	MTH-1215	College Algebra	5.00	Non-Tech	SM,AU,WI,SP		Technical Elective	4.00	Tech	AU,WI,SP
EET-3154	Digital Electronics I	4.00	Tech	AU										
	Total	17.00				Total	16.00				Total	17.00		
	QUARTER	4			QUARTER 5					QUARTER 6				
EET-3133	Electronics I	4.00	Tech	AU	COM-1504	Public Speaking	3.00	Non-Tech	SM,AU,WI,SP	EMT-3261	Electromechanical Systems	5.00	Tech	SP
EMT-3243	Hydraulics and Pneumatics	4.00	Tech	AU	COM-1525	Technical Writing	3.00	Non-Tech	SM,AU,WI,SP	PHY-1728	Physics III Heat, Light, Sound	5.00	Non-Tech	SP
EMT-3244	Industrial Power	4.00	Tech	AU	EET-3306	Local Area Networks	3.00	Tech	WI		Non Technical Elective	3.00	Non-Tech	SM,AU,WI,SP
	Technical Elective	4.00	Tech	AU,WI,SP	EMT-3252	Programmable Logic Controllers	4.00	Tech	WI		Technical Elective	4.00	Tech	AU,WI,SP
						Technical Elective	3.00	Tech	AU,WI,SP					
	Total	16.00				Total	16.00				Total	17.00		·

	Non-Technical Electives Total of 3 Credit Hours Required													
BHS-1006	Critical Thinking	3.00	Non-Tech	SM,AU,WI,SP	BHS-1379	Cultural Diversity	3.00	Non-Tech	SM,AU,WI,SP	CMP-2576	Visual Basic	4.00	Non-Tech	
BHS-1030	Reasoning Skills	4.00	Non-Tech	SM,AU,WI,SP	BHS-1382	Sociology	3.00	Non-Tech	SM,AU,WI,SP	CMP-2586	Object Oriented Programming with C++	4.00	Non-Tech	
BHS-1340	Ethics	3.00	Non-Tech	SM,AU,WI,SP	COM-1523	Small Group Communications	3.00	Non-Tech	SM,AU,WI,SP					
BHS-1376	General Psychology	5.00	Non-Tech	SM,AU,WI,SP	COM-1534	Effective Communications	4.00	Non-Tech	SM,AU,WI,SP					

Technical Electives Total of 15 Credit Hours Required														
EMT-3203	Energy Control, Efficiency, and	3.00	Tech		EMT-3202	Heating & Cooling Systems	3.00	Tech		EMT-3201	Alternative and Renewalable Energy	3.00	Tech	
	Conservation Methods				EMT-3210	Lean Manufacturing	4.00	Tech			Sources			
	Other Technical Electives to total 15 credit hours required to be decided between Advisor and Student.													

The College Reserves the Right to Change Curricula Without Notice
July, 2010
Office of the Vice President for Academic Affairs

Total Credit Hours Red	Total Credit Hours Required for Completion of Degree					
	Non-Technical Required Credit Hours	45.00				
	Technical Required Credit Hours	54.00				