

University of Hartford		2013-2014	Naugatuck Valley Comm Coll		Credits required:	132
Electronic Engineering Technology B.S.			Electronic Engineering Technolog		Completed:	48
Mechatronics Concentration			68	68.00	remaining:	84
Draft by Ann Lankford 5-27-2014					% completed:	36%
Sem	COURSE	TITLE	CRD	NVCC	CREDIT	
sem 1	AUCA	All-Univ Curric - Arts	3			
sem 1	ECT 110	Project Based Lrng	3			
sem 1	ECT 111	ECT 1XX Electric Circuits I	4	EET*H110 Electric Circuits I	4	
sem 1	TC 111	RPW 110 Rhetoric & Writing I	3	ENG*H101 Composition	3	
sem 1	ET 111	ECT 1XX Electrical CAD & Fabric	1	EET*H104 Electrical CAD &	1	
sem 1	MTH 112	M 1XX College Algebra	3	MAT*H172 College Algebra	3	
sem 2	ECT 121	ECT 1XX Electrical Circuits II	4	EET*H114 Electric Circuits II	4	
sem 2	ECT 122	Intro to Dig Dev	4	EET*H252 Digital Electronics	4	
sem 2	MTH 122	Precalc II for Tech	3			
sem 2	PHY 120	PHY 120 Algebra-Based Physics I	4	PHY*H121 General Physics I	4	
sem 3	ECT 231	ECT 1XX Electronics I	4	EET*H136 Electronics I	4	
sem 3	ECT 232	Digital Circuits II	4			
sem 3	MTH 232	Calc I for Tech	3			
sem 3	PHY 121	PHY 121 Algebra-Based Physics I	4	PHY*H122 General Physics I	4	
sem 4	ECT 241	ECT 2XX Applied Circuit Analysis	4	EET*H208 Applied Circuit Ar	4	
	ECT 241	ECT 2XX Electronic Instrumentat		EET*H251 Electronic Instrum	3	
sem 4	ECT 242	Micro Arch & Prog	4	EET*H256 Microprocessors	4	
sem 4	ECT 351	Prac Issues in Circ Des	4			
sem 4	TC 241	RPW 1XX Literature & Composition	3	ENG*H102 Literature and Co	3	
sem 4	MTH 241	Calc II for Tech	3			
sem 5	ECT 354	Linear Int Circuits	4			
sem 5	ES 115	Engr Computer Apps	3			
sem 5	MET 236	Statics	3			
sem 5	MTH 352	Diff Eqns for Tech	3			
sem 5	H/SS	PSY 101 Intro to Psych: Concepts	3	PSY*H111 General Psycholo	3	
sem 6	AUCC	SOC 1XX Intro to Anthropology	3	ANT*H101 Introduction to An	3	
sem 6	ECT 355	Indust Elec & Actuators	4			
sem 6	ECT 365	Auto Graph Prog Sys Des	3			
sem 6	MET 243	Mech of Matls for Tech	4			
sem 6	LS	Lab Sci Elec	4			
sem 7	AUCS 340	Ethics in the Professions	3			
sem 7	ECT 364	Ind Instr & Sensors	4			
sem 7	ECT 471	Sr. Project Design I	3			
sem 7	TC 481	Engl III: Adv Tech Comm	3			
sem 7	TS	Tech Spec	4			
sem 8	AUCW	All-Univ Curric - Western Heritage	3			
sem 8	ECT 481	Sr. Project Design II	3			
sem 8	PE	Prof Elec	3			
sem 8	TS	Tech Spec	3			
sem 8	TS	Tech Spec	4			

Courses not counted towards Degree:

Univ of Hartford Equivalent	NVCC	CREDIT
CMM 1XX Intro to Comm	COM*H100 Introduction to C	3
ECT 1XX Labview	EET*H126 Labview	2
ECT 2XX Electronics II	EET*H232 Electronics II	4
ECT 2XX Electronic Instrumentat	EET*H242 Fiber Optics	
ECT 2XX Advanced Digital Electr	EET*H253 Advanced Digital Electronics	
ECT 2XX Control Systems	EET*H268 Control Systems	
	EET*H294 Projects	2
M 1XX Trigonometric Functions	MAT*H185 Trigonometric Fu	3
SOC 110 Intro to Sociology	SOC*H101 Principles of Soc	3
Total		20

Use as a filler if

SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS	
GPA REQUIREMENTS	CREDITS REQ'D

FR	0–31 credits—1.8	1	26.4
SO	32–65 credits—1.9	2	52.8
JR	66–99 credits—2.0	3	79.2
SR	100 + credits—2.0	4	105.6
		5	132
Note: 13.2 c per semester			

Lab Science Electives		
BIO	Biology	4
CH	Chemistry	4
PHY	Physics	4
SCI	SCI 116	
	SCI 120	
	SCI 140	
	SCI 240	

AS in CET

CS 111 PE in AS CET
CS 175/275 PE in AS CET

Mechatronics Conc Courses			
MET 236	Statics	3	sem 5
ECT 355	Elec Cons & Actuators	4	sem 6
MET 243	Mech of Matls for Tech	4	sem 6
ECT 364	Ind Instr & Sensors	4	sem 7
		15	

Comm/Networking Conc Courses			
ECT 352	RF Communications	4	sem 5
ECT 361	Data Communications	3	sem 6
ECT 362	Adv RF Comm	4	sem 6
ECT 472	Networking	4	sem 7
ECT 474	Digital Signal Proc	4	sem 7
		19	

Acceptable Technical Electives		
Acceptable Technical Specialties: all 300-400 level ECT courses not required Mechatronics concentration: ECT 353, 361, 362, 363, 472, 474, 483, 487, ECT 488/MET 484.		

Acceptable Professional Electives		Credits	
AC	Barney Sch of Bus Accounting	3	P all
AUD 161	Modern Recording	3	P
AUD 266	The Art of Mixing	4	P
BAR 0	Barney Sch of Bus Inter Dept	3	P all
BIO	Biology	3-4	P all
BL 0	Barney Sch of Bus Bus Law	3	P all
CH	Chemistry	3-4	P all
CS 114	Computer Programming I	4	P
CS 115	Computer Programming li	4	P
CS 220	Data Structures	3	P
CS 320	Concepts of Prgm Languages	3	P
CS 330	Studies in Computer Science	3	P
CS 331	Studies in Computer Science	3	P
CS 340	Formal Languages & Automata	3	P
CS 351	Intro Artificial Intelligence	3	P
CS 355	Computer Networks	3	P
CS 360	Software Development	3	P
CS 362	Unix Internals	3	P
CS 365	Prin of Database Sys	3	P
CS 371	Computer Graphics	3	P
CS 375	Internet Programming Concepts	3	P
CS 451	Computer Operating Sys	3	P

Exclusions

CS 110
EDG 310
ECT 245
ECE 213
ECE 215
ECE 214
ECE 216
ECE 231
ECE 232
ECE 332

EC 0	Barney Sch of Bus Economics	3	P all
ECE course not Equivalent to an ECT course		3	P
ECT	any acceptable technical specialty	3,4	P
ENT 0	Barney Sch of Bus Entrepreneurship	3	P all
ET 100	Internship	1-3	P
ET 180	Independent Studies	1-4	P
ET 180	Indepenet Studies	1-4	P
ET 200	Internship	1-3	P
ET 280	Independent Studies	1-4	P
ET 280	Indepenet Studies	1-4	P
ET 300	Internship	1-3	P
ET 380	Independent Studies	1-4	P
ET 380	Indepenet Studies	1-4	P
ET 400	Internship	1-3	P
ET 480	Independent Studies	1-4	P
ET 480	Indepenet Studies	1-4	P
FIN 0	Barney Sch of Bus Insurance	3	P all
INS 0	Barney Sch of Bus Finance	3	P all
M 200	not equivalent to any MTH course	3	P
M 300	not equivalent to any MTH course	3	P
M 400	not equivalent to any MTH course	3	P
MGT 0	Barney Sch of Bus Management	3	P all
MIS 0	Barney Sch of Bus Manage Info Sys	3	P all
MKT 0	Barney Sch of Bus Quant Anal	3	P all
PHY	Physics	3-4	P all
QNT 0	Barney Sch of Bus Marketing	3	P all
SCI	Earth & General Sciences	3-4	P all