

College of Technology Site Coordinators Meeting

Date: Friday, February 22, 2019 Time: 9:30AM Hosted by: University of Hartford 200 Bloomfield Ave., West Hartford, CT 06117 Building: United Technologies Hall Room: 320

UNIVERSITY OF HARTFORD

COLLEGE OF ENGINEERING, TECHNOLOGY, AND ARCHITECTURE

ATTENDEES

CT State Colleges & Universities

Karen Wosczyna-Birch, Executive Director, College of Technology – Regional Center for Next Generation Manufacturing Wendy Robicheau, Project Manager, College of Technology – Regional Center for Next Generation Manufacturing Lesley Mara, Director of Director of Workforce Development, Strategic Partnerships, and Sponsored Programs, CSCU System Office

Mary Bidwell, Dean of Manufacturing, Asnuntuck & Tunxis CCs

Susan Spencer, Program Coordinator - COT programs, Gateway CC

Eric Flynn, Department Chair - Engineering & Applied Technologies, Gateway CC

Joe Duhaime, Program Director - Mfg, Housatonic CC

Mehrdad Faezi, Professor/Program Coordinator, Manchester CC

Steven Moore, Interim STEM Division Director, Manchester CC

Justin Moore, Associate Dean - STEM, Naugatuck Valley CC

Joe DeFeo, Program Director-Mfg, Naugatuck Valley CC

Doug Hoffman, Assoc. Professor, Northwestern CT CC

Lin Lin, Program Coordinator, Middlesex CC

Michael Gentry, Program Coordinator, Three Rivers CC

Jakob Spujt, Program Coordinator, Quinebaug Valley CC

Steve LaPointe, Director, Advanced Manufacturing Technology Center, Quinebaug Valley CC

Jodi Clark, Assistant Director, Advanced Manufacturing Technology Center, Quinebaug Valley CC

Greg Szepanski, Program Coordinator, Tunxis Community College

Matthew Enjalran, Chair & Professor, Physics, Southern CT State University

Other College & Universities

Gad Selig, Dean, University of Bridgeport

David Giblin, Assistant Professor, Mechanical Engineering, University of Connecticut

Haoyu Wang, Central CT State University

Laurie Grandstrand, University of Hartford

David Pines, Asst. Dean, University of Hartford

Julie Spring, Director of Collegiate Student Services and Recruitment, University of Hartford

Sarah Cerrato, Director, LEAD, University of Hartford

MINUTES

Welcome Remarks – Dr. David Pines, Assistant Dean for Student Support; College of Engineering, Technology, and Architecture (CETA), University of Hartford

- CETA's faculty, staff and students come together as a family. There are many supports in place for students including tutoring and office hours as well as providing general guidance on being ready for college.
- It is important to recognize the achievements and hard work of students. One example of this is the annual scholarship luncheon.
- CETA has focus groups to find out what is working, what is not working, and what is missing from the college. There is also a Females in CETA focus group.
- CETA holds a lot of events with local companies and wants to be able to help fill positions in CT with talented students. There is a very active alum in East Granby that got six local companies together to work with CETA to educate students about what the companies do. This also helps educate the companies on what CETA has to offer. The companies help prepare student for job searches. Students have to meet with a professional within six months of starting in CETA.
- Students have access to the new Maker Space in United Technologies Hall, which includes a laser cutter and 3D printing.

- The University of Hartford is planning a new building that will be at least part engineering and technology programs.
- Most students will be working as engineers so CETA works to prepare them for that.

Attendee Introductions and Updates – All attendees

- Gad Selig of University of Bridgeport (UB) reported that they will be hosting the April 12th COT meeting. The
 city of Bridgeport gave them a bus that has been converted into a STEM bus to travel around the state. It has
 already gone to Housatonic CC and will go to Gateway CC and Norwalk CC and will be part of the COT meeting.
 UB has also started a B.S. degree in Computer Engineering Technology that is now articulated with Gateway
 CC.
- Jakob Spjut of Quinebaug Valley CC reported that the are starting a course based on the National Science Foundation funded STEM Guitar Workshop. He will also be taking students to Washington, DC for a poster session on quadcopters through the CT Space Grant Consortium and implementing a quadcopter workshop.

Regional Center for Next Generation Manufacturing Updates – Dr. Karen Wosczyna-Birch, Executive Director, College of Technology (COT), Regional Center for Next Generation Manufacturing (RCNGM)

- The RCNGM is in the process of transitioning to a resource center through the National Science Foundation.
- PICSA Project Karen Wosczyna-Birch attended the Community Colleges for International Development (CCID) conference and participated in a presentation on CT's international initiative. CT is currently in its second PICSA grant to fund module development and student travel. There may be graduate opportunities later on. CT community colleges also partnered on the ERASMUS grant with HESUM University in France. This funding would allow for faculty travel if awarded. There is also still time for students to apply for the French Embassy Bootcamps in France as well as the Gilman International Scholarship.
- **Epsilon Pi Tau Induction Ceremony** will be held Friday May 3 at Manchester Community College. The student application information will be sent out next week. Honorary nominees may also be nominated and volunteers are need to participate on the induction team.
- Manufacturing Instructor Pipeline Initiative (see recruitment event dates below) This is in partnership with AARP of CT.
- Also working with Mike Koslowski, Interim Director of Manufacturing for the CSCU System and James Lombella, President of Asnuntuck and Tunxis Community Colleges to see how everyone is presenting their manufacturing programs around the state.
- Siemens NX Software Community colleges in the CSCU System who have not used their free year of NX can still do so. It is \$2700 to renew annually after the first year. There is some online training available. Joe DeFeo reported that Naugatuck Valley CC has faculty trained to train industry on Siemens controllers. Howard West from Siemens will be in CT in March.

CETA – University of Hartford Transfer Admissions & Advising Overview/ College of Engineering, Technology, and Architecture (CETA) Overview, Curriculum, and Updates – Julie Spring, Director of Collegiate Student Services and Recruitment, CETA & Aaron Marshall, Assistant Director of Admission and Student Financial Aid, University of Hartford

- The job of Admissions is to make transfer as easy as possible for students.
- There is a scholarship available to community college transfer students. One is for those who are PTK members for \$22,000. There are also others in the \$20,000 based on GPA.
- There are specific representatives for each college at University of Hartford in transfer admissions.
- There is transfer-style housing available on campus.
- Recent changes in programs and curriculum:
 - The Architecture program just changed its name to include "Design."
 - There is a new Master of Architecture Accelerated Track. Laurie Grandstrand is the contact.
 - Mechanical Engineering added a concentration in Robotics.
 - Civil Engineering added a Construction Engineering concentration.

- There is a new robotics major being added for next fall.
- The new building is being design with a Maker Space in the center for an all-inclusive environment. It is scheduled to open in fall 2021.
- In order to sit for the license in architecture, you need to have an M.S. of Architecture.
- To transfer courses to University of Hartford, students need a C- or better and it has to be a 100-level course or higher. Seminars and intermediate algebra cannot be transferred.
- Articulation agreements are listed on the transfer website.
- Junior level status is generally 60 credits but it can differ among colleges with University of Hartford. Usually if a student completes an A.S. degree, they come in as a junior.
- University of Hartford looks for courses with C++ and MATLAB.
- Typically, a 2.7 is the GPA requirement, but this can differ in technology programs.
- There are approximately 300 transfer students accepted to University of Hartford every year.
- It is free to apply to University of Hartford.
- May 3rd is the Student Design Expo. They are looking for judges contact Julie Spring.

Upcoming COT Meetings

March 8, 2019 – Central CT State University, New Britain April 12, 2019 - University of Bridgeport, Bridgeport May 17, 2019 – Northwestern CT Community College, Winsted

Important Dates

March 5 – Gilman Scholarship Application Deadline

March 26 – Statewide Manufacturing Instructor Recruitment Event – Goodwin College

May 3 – Epsilon Pi Tau Induction Ceremony – Manchester CC

May 14-16 – EASTEC – West Springfield, MA

June 13 – Statewide Manufacturing Instructor Recruitment Event – Tunxis Community College

	al Engineering &	Music, B.S.E.					Credits	141
Bulletin \	ear: 2019-2020					Credits	required.	141
Name:						Compl		54
ID#						remain		87
Last Modi	•		Date				pleted:	38%
0	COURSE	Iniversity of Hartford	ODDTO	TDM		unity C	ollege	
Sem sem 1	ES 101	Engr Dialogue	CRDTS	TRM	ERND	GRD		
sem 1	ES 143P	Engineering & Design	3	EGR111				3
sem 1	M 144	Calculus I	4	MAT254				4
sem 1	WRT 110W	Reading & Writing	3	ENG101				3
sem 1	TH 111	Diatonic Harmony	2					
sem 1	TH 120P	Elementary Ear Training I	2					
sem 1	PMI	Private Music Instruction	2					
sem 1	PO 18	Performance Organization Total Credits	1					
sem 2	ES 115	Computer Programming	3	EGR230				3
sem 2	M 145	Calculus II	4	MAT256				4
sem 2	PHY 112	Calc based Physics I	4	PHY221				4
sem 2	TH 112	Chromatic Harmony	2					
sem 2	TH 121P	Elem Ear Training II	2					
sem 2	PMI	Private Music Instruction	2					
sem 2	PO	Performing Organization	1					
sem 3	18 ES 110	Total Credits Statics	3	EGR211	<u> </u>			3
sem 3	ES 220	Graphic Communications	2	CAD 106	 /107 or	110		2
sem 3	M 240	Calc of Sev Var	4	MAT268	101 01	, , ,		4
sem 3	ME 265	Fund of Arch & Musical Acous	3					
sem 3	PHY 113	Calc based Physcis II	4	PHY222				4
sem 3	PMI	Private Music Instruction	2					
sem 3	PO	Performing Organization	1					
1	19	Total Credits	2	EOD 040				
sem 4 sem 4	ES 211 ES 212	Dynamics Mechanics of Materials	3	EGR 212				3
sem 4	M 242P	Differential Equations	3	MAT286				3
sem 4	ME 213W	Mech of Materials Lab	3	1017 (1200				
sem 4	ME 242	Engineering By Design	3					
sem 4	PMI	Private Music Instruction	2					
sem 4	PO	Performing Organization	1					
	18	Total Credits		011-101				
sem 5	CH 110	College Chemistry I	3	CHE121				4
sem 5 sem 5	M 344 ME 350	Adv Eng Math Vibrations I	3					
sem 5	ME 376	Comp Aided Des & Anal	3					
sem 5	TH 210W	Tonal Form	2					
sem 5	PMI	Private Music Instruction	2					
	17	Total Credits						
sem 6		West Herit/Disc Amer III	3	HIS101				3
sem 6	ECE 255	Fund of Circ & Elec	4	EGR 221				4
sem 6	HLM 200 ME 236	World Music Survey	3	ECD 244				3
sem 6 sem 6	ME 466	Thermodyanmics I Adv Topics Engr Acoustics	3	EGR 214				<u> </u>
sem 6	PMI	Private Music Instruction	2					
sem 6	PO	Performing Organization	1					
	19	Total Credits						
sem 7	M 366	Engr Prob/Statistics	3					
sem 7	ME 340	Fluid Mechanics	3					
sem 7	ME 450/550 ME 471	Vibrations II	3					
sem 7 sem 3	TH 220P	Capstone Des Prep Inter Ear Train or AFR 224 Jazz Theory	2					
sem 7	Mus/His Elec	Music History Elec (AFR, HLM)	3					
sem 7	PMI	Private Music Instruction	2					
	17	Total Credits						
sem 8	UISS 340D	Ethics in Prof	3	PHL111				
sem 8	ES 493/PE	Engr Rsrch or Acoustics Elec	3					
sem 8	ME 430	HVAC-R for Engr	3					
sem 8 sem 8	ME 461/561 PMI	Acoustics Capstone Design Private Music Instruction	3					
sem 8	PO	Performing Organization	1					
33.11 0	15	Total Credits						54
Credits No		egree Completion						
sem 7		Acous Elec/Sound Tech I /Prof Wrtng[Opt]	[3]					
sem 8	Acous Elec/MPT 45	Acous Elec/Sound Tech II/Prof Wrtng [Opt]						

⁸Professional electives include courses in engineering, physics, chemistry, biology, and mathematics. Generally, professional electives should be at the 200 level or above. Courses in computer science and 100-level courses may be selected as professional electives with the approval of the student's academic advisor.

Acoustics Elective = acceptable profesional electives

BioMed	lical Engineering	, B.S.B.E.				Total Credits	127
	Year: 2019-2020					Credits required:	127
Name:		-				Completed:	78
ID#						remaining:	49
	dified by:		Date			% completed:	61%
<u> Laot mo</u>	amou by.	University of Hartford	Duto		Comm	unity College	0.70
Sem	COURSE	TITLE	CRDTS	TRM	ERND	GRD	$\overline{}$
sem 1	UISA	Artistic & Creative Ex.	3	11(1)	LICITE	OILD	3
sem 1	ES 101	Engr Dialogue	1				
sem 1	ES 143P	Engineering and Design	3	EGR 111			3
sem 1	ES 220	Graphic Communication	2	CAD 106/107	or 110		2
sem 1	M 144	Calculus I	4	MAT 254			4
sem 1	WRT 110	Reading & Writing	3	ENG 101			3
	16	Total Credits		2110 101			+
sem 2	UIST	Nat, Sci, & Tech Explore	3	EGR 105			3
sem 2	UISC 180 or 212	West Herit/Disc Amer III	3	HIS 101			3
sem 2	ES 115	Engr Computer Apps	3	EGR 230			3
sem 2	M 145	Calculus II	4	MAT 256			4
sem 2	PHY 112	Calc based Physics I	4	PHY 221		+	4
00111 2	17	Total Credits					
sem 3	BE 281	Biomed Engr Seminar I	1				
sem 3	CH 110	College Chemistry I	4	CHE 121			4
sem 3	ES 110	Statics	3	EGR 211			3
sem 3	M 240	Calc of Several Variables	4	MAT 268			4
sem 3	PHY 113	Calc based Physics II	4	PHY 222			4
30111 0	16	Total Credits	_	1111 222			
sem 4	BE 260W	Biomed Engr Materials Lab	3				
sem 4	CH 111P	College Chemistry II	4	CHE 122			4
sem 4	ES 211	Dynamics	3	EGR 212			3
sem 4	ES 212	Mechanics of Materials	3	LOIVEIZ			
sem 4	ES 242	Engineering by Design	3				_
36111 4	16	Total Credits	3				_
sem 5	BE 301	Biomechanics	3				_
sem 5	BIO 212	Anatomy and Physiology I	4	BIO 211			4
sem 5	ECE 213	Electrcial Circuit Analysis	3				
sem 5	ECE 215	Electroial Circuit Lab	1	EGR 221			─ 4
sem 5	ES 320	Thermal Fluids Engr	4				
sem 6	M 242	Differential Equations	3	MAT286		+	3
30111 0	18	Total Credits		1717 (1200			-
sem 6	UISS 340D	Ethics in Prof	3	PHL111			3
sem 6	BE 302	Biofluids Mechanics	3				
sem 6	BE 360	Circuits & Electronics	3				
sem 6	BIO 213	Anatomy and Physiology II	4	BIO 212			4
sem 6	ES 342	Engineering Practice	1	DIO Z IZ			
30111 0	14	Total Credits					
sem 7	BE 401	Bio-Instrumentation	3				
sem 7	BE 460	Biomed Design Project I	3				
sem 7	BE 480	Biomed Engr Protom or Prof Elec	3				
sem 7	M 344	Adv Engineering Math	3			+	
sem 7	H/SS	Hum/Soc Sci Elec	3	ENG 110			3
30111 /	15	Total Credits	3	LINO I IU	+		
	10	Total Oldalis	-		+	+	+
sem 8	BE 402	Biomaterials	3			+	+
sem 8	BE 461	BE Design Project II	3				
sem 8	BE 485	Biomed Engr Rsrch or Prof Elec	3				+
sem 8	ME 405/505	Mech (or ECE 382 or Equiv)	3				+
sem 8	H/SS	Hum/Soc Sci Elec	3				3
3CIII 0	12	Total Credits	127			+	78
	14	I OLAI OI CUILO	121				/ 0

⁸Professional electives include courses in engineering chemistry, biology, mathematics. Generally, professional electives should be at the 200 level or above AND MUST BE APPROVED BY THE PROGRAM DIRECTOR.

Additional concentrations in BioMedical: PreMed & Electrical

BioMedi	cal Engineering,	Pre Med Option, B.S.B.E.				Total Credits	138
	Year: 2019-2020					Credits required:	138
Name:		I.				Completed:	86
ID#						remaining:	52
Last Mod	lified by:		Date			% completed:	62%
		University of Hartford			Comm	nunity College	0270
Sem	COURSE	TITLE	CRDTS	TRM	ERND	GRD	
sem 1	UISA	Artistic & Creative Ex.	3			U.U.D	3
sem 1	ES 101	Engr Dialogue	1				
sem 1	ES 143P	Engineering and Design	3	EGR 111			3
sem 1	ES 220	Graphic Communication	2	CAD 106/107	7 or 110		2
sem 1	M 144	Calculus I	4	MAT 254			4
sem 1	WRT 110	Reading & Writing	3	ENG 101			3
	16	Total Credits					
sem 2	UIST	Nat, Sci, & Tech Explore	3	EGR 105			3
sem 2	UISC 180 or 212	West Herit/Disc Amer III	3	HIS 101			3
sem 2	ES 115	Engr Computer Apps	3	EGR 230			3
sem 2	M 145	Calculus II	4	MAT 256			4
sem 2	PHY 112	Calc based Physics I	4	PHY 221			4
sem 2	PPS 100	PREMED Professions I	1				
	18	Total Credits					
sem 3	BE 281	Biomed Engr Seminar I	1				
sem 3	CH 110	College Chemistry I	4	CHE 121			4
sem 3	ES 110	Statics	3	EGR 211			3
sem 3	M 240	Calc of Several Variables	4	MAT 268			4
sem 7	M 242	Differential Equations	3	MAT286			3
sem 3	PHY 113	Calc based Physics II	4	PHY 222			4
	19	Total Credits					
sem 4	BE 260W	Biomed Engr Materials Lab	3				
sem 4	CH 111P	College Chemistry II	4	CHE 122			4
sem 4	ES 211	Dynamics	3	EGR 212			3
sem 4	ES 212	Mechanics of Materials	3				
sem 4	ES 242	Engineering by Design	3				
sem 4	PPS 200	PREMED Professions II	1				
	17	Total Credits					
sem 5	BE 301	Biomechanics	3				
sem 5	BIO 212	Anatomy and Physiology I	4	BIO 211			4
sem 5	CH 230	Organic Chemistry I	4	CHE 211			4
sem 5	ECE 213	Electrcial Circuit Analysis	3	EGR 221			4
sem 5	ECE 215	Electrcial Circuit Lab	1				
sem 5	ES 320	Thermal Fluids Engr	4				
sem 5	PPS 300	PREMED Professions III	1				
0	20	Total Credits		DULAAA			
sem 6	UISS 340D BE 302	Ethics in Prof	3	PHL111			3
sem 6 sem 6	BE 360	Biofluids Mechanics Circuits & Electronics	3			+	
sem 6	BIO 213		4	BIO 212			4
sem 6	CH 231	Anatomy and Physiology II Organic Chemistry II	4	CHE 212			4
sem 6	ES 342	Engineering Practice	1	OFFE 212			
Selli 0	18	Total Credits					
sem 7	BE 401	Bio-Instrumentation	3				
sem 7	BE 460	Biomed Design Project I	3				
sem 7	BE 480	Biomed Engr Protom or Prof Elec	3				
sem 7	M 344	Adv Engineering Math	3			+	+
sem 8/7	H/SS	Hum/Soc Sci Elec	3	ENG 110		+	3
33111 0/1	15	Total Credits				+	
sem 8	BE 402	Biomaterials	3			+ + + + + + + + + + + + + + + + + + + +	+
sem 8	BE 461	BE Design Project II	3			+ + + + + + + + + + + + + + + + + + + +	
sem 8	BE 485	Biomed Engr Rsrch or Prof Elec	3			+	
sem 8	ME 405/505	Mech or ECE 382 or BE402 or Equiv	3			 	
sem 8	H/SS	Hum/Soc Sci Elec	3				3
-	15	Total Credits				 	
	1	Total Credits	138		1	 	86
			, , , ,		1		

There are no Professional Electives in this Program.

BioMedic	al Engineering, I	3.S.B.E.				Total Credits	134
	I Engineering Co					Total Ground	
	rear: 2018-2019				+	Credits required:	131
Name:	Eai. 2010-2019					Completed:	78
ID#						remaining:	53
Last Modi	ified by:		Date		 	% completed:	60%
Last Moul		University of Hartford	Date		Comi	munity College	00 /0
Sem	COURSE	TITLE	CRDTS	TRM	ERND	GRD GRD	
sem 1	UISA	Artistic & Creative Ex.	3	TIXIVI	LINID	GRD	3
sem 1	ES 101	Engr Dialogue	1				3
sem 1	ES 143P	Engineering and Design	3	EGR 111			3
sem 1	ES 220	Graphic Communication	2	CAD 106/107	or 110		2
sem 1	M 144	Calculus I	4	MAT 254			4
sem 1	WRT 110	Reading & Writing	3	ENG 101			3
30111 1	16	Total Credits		2110 101			
sem 2	UIST	Nat, Sci, & Tech Explore	3	EGR 105			3
sem 2	UISC 180 or 212	West Herit/Disc Amer III	3	HIS 101			3
sem 2	ES 115	Engr Computer Apps	3	EGR 230	<u> </u>	 	3
sem 2	M 145	Calculus II	4	MAT 256	<u> </u>	 	4
sem 2	PHY 112	Calc based Physics I	4	PHY 221	<u> </u>	 	4
JJ 2	17	Total Credits	- ' -	<u> </u>		 	<u> </u>
sem 3	BE 281	Biomed Engr Seminar I	1			 	
sem 3	CH 110	College Chemistry I	4	CHE 121		 	4
sem 3	ES 110	Statics	3	EGR 211			3
sem 3	M 240	Calc of Several Variables	4	MAT 268			4
sem 3	PHY 113	Calc based Physics II	4	PHY 222			4
00111 0	16	Total Credits					
sem 4	CH 111P	College Chemistry II	4	CHE 122			4
sem 4	ES 211	Dynamics	3	EGR 212			3
sem 4	ES 212	Mechanics of Materials	3	LONZIZ			
sem 4	ES 242	Engineering by Design	3				
sem 4	M 242	Diff Equa	3	MAT286			3
00111 1	16	Total Credits					
sem 8/5	UISS 340D	Ethics in Prof	3	PHL111			3
sem 5	BE 301	Biomechanics	3				
sem 5	BIO 212	Anatomy and Physiology I	4	BIO 211			4
sem 5	ECE 213	Electrcial Circuit Analysis	3				
sem 5	ECE 215	Electrcial Circuit Lab	1	EGR 221			4
sem 5	ES 320	Thermal Fluids Engr	4				
	18	Total Credits					
sem 6	BE 260W	Biomed Engr Materials Lab	3				
sem 6	BE 302	Biofluids Mechanics	3				
sem 6	BIO 213	Anatomy and Physiology II	4	BIO 212			4
sem 6	ECE 231	Digital System Logic	3				
sem 6	ECE 232	Digital Lab	1				
sem 6	ECE 382	Sensors & Data Acquis	3				
sem 6	ES 342	Engineering Practice	1				
	18	Total Credits					
sem 7	BE 401	Bio-Instrumentation	3				
sem 7	BE 460	Biomed Design Project I	3				
sem 7	BE 480	Biomed Engr Prctcm or Prof Elec	3				
sem 7	ECE 440	Circuits & Electronics	3				
sem 7	H/SS	Hum/Soc Sci Elec	3	ENG 110			3
	15	Total Credits					
sem 8	BE 402	Biomaterials	3				
sem 8	BE 461	BE Design Project II	3				
sem 8	BE 485	Biomed Engr Rsrch or Prof Elec	3				
sem 8	H/SS	Hum/Soc Sci Elec	3				3
sem 8	ECE PE	ECE Prof Elec	3				
-	15	Total Credits	131			 	78

	gineering, B.S.C.	E.				Total Credits	132
Bulletin `	Year: 2019-2020					Credits required:	132
Name:						Completed:	73
ID#	Addition	onal Concentrations: Cons	struction; I	Environme	ental		132
Last Mod	ified by	1	Data	1		remaining: % completed:	55%
Last Mod	пеа бу:	I hair a waiter of Hauthand	Date		Come		55%
Sem	COURSE	University of Hartford	CRDTS	TRM	ERND	nunity College GRD	
sem 1	UISA	Artistic & Creative Ex.	3	I IZIVI	ENND	GRD	3
sem 1	ES 101	Engr Dialogue	1				0
sem 1	ES 143P	Engineering and Design	3	EGR 111			3
sem 1	ES 220	Graphic Communication	2	CAD 106/107	or 110		2
sem 1	M 144	Calculus I	4	MAT 254			4
sem 1	WRT 110	Reading & Writing	3	ENG 101	1		3
	16	Total Credits					
sem 2	UIST	Nat, Sci, & Tech Explore	3	EGR 105			3
sem 2	UISC 180 or 212	West Herit/Disc Amer III	3	HIS 101			3
sem 2	ES 115	Engr Computer Apps	3	EGR 230	İ		3
sem 2	M 145	Calculus II	4	MAT 256			4
sem 2	PHY 112	Calc based Physics I	4	PHY 221			4
	17	Total Credits					
sem 3	CE 250	Intro to Geomatics	3	CIV 150 & 151			3
sem 3	ES 110	Statics	3	EGR 211			3
sem 3	M 246	Appl'd Math w Diff Equa f CE	4	MAT 272 & 28	35		4
sem 3	PHY 113	Calc based Physics II	4	PHY 222			4
sem 3	Sci Elec	BIO 110, 122 or PHY 135	4				4
	18	Total Credits					
sem 4	CE 260W	CE Materials Lab	3				
sem 4	CE 352	Transportation Engineering I	3				
sem 4	ES 211	Dynamics	3	EGR 212			3
sem 4	ES 212	Mechanics of Materials	3				
sem 4	ES 242	Engineering by Design	3				
	15	Total Credits					
sem 5	CE 310	Elem Structural Analysis	3				
sem 5	CE 330	Geotechnical Engineering I	4				
sem 5	CH 110	College Chemistry I	4	CHE 121			4
sem 5	ES 320	Thermo-Fluids Engr	4				
	15	Total Credits					
sem 6	UISS 340D	Ethics in Prof	3	PHL111			3
sem 6	CE 300	Engineering Economics	3				
sem 6	CE 312	Structural Steel Design	3				
sem 6	CE 320	Water Resources Engr	4	OUE 100			
sem 6	CH 111P	College Chemistry II	4	CHE 122			4
sem 6	ES 342	Engineering Practice	1				
2002 7	18 CE 410	Total Credits					
sem 7	CE 410	Reinforced Concrete Design	3		-		
sem 7	CE 420 CE 430	Water Quality Engineering	3		-		
sem 7 sem 7	CE 430 CE 452	Foundation Engineering Transportation Engineering II	4				
sem 7	CE 464	CE Design Project I	1		 		
sem 7	ECE 210	Intro to Electrical Engr	3	EGR 221			3
SCIII /	18	Total Credits		LGR ZZI	 		3
sem 8	CE 465	CE Design Project II	3				
sem 8	H/SS	Hum/Soc Sci Elec	3	ENG 110	 		3
sem 8	H/SS	Hum/Soc Sci Elec	3	LING TIU			3
sem 8	PE	Professional Elective	3			+	3
sem 8	PE	Professional Elective	3		 	+	
30111 0			J				
	15	Total Credits	l l				I

⁸Professional electives include courses in engineering, physics, chemistry, biology, and mathematics. Generally, professional electives should be at the 200 level or above, for mechanical and civil, 300 level or as approved by the department. Courses in computer science and 100-level courses may be selected as professional electives with the approval of the student's academic advisor.

Additional concentrations in Civil: Construction & Environmental

	er Engineering, l	•				Total Credits	132
Bulletin	Year: 2019-2020					Credits required:	132
Name:			<u> </u>			Completed:	59
ID#						remaining:	73
Last Mod	lified by:		Date			% completed:	45%
		University of Hartford	•		Comm	unity College	
Sem	COURSE	TITLE	CRDTS	TRM	ERND	GRD	
sem 1	UISA	Artistic & Creative Ex.	3				3
sem 1	ES 101	Engr Dialogue	1				
sem 1	ES 143P	Engineering and Design	3	EGR 111			3
sem 1	ES 220	Graphic Communication	2	CAD 106/107	or 110		2
sem 1	M 144	Calculus I	4	MAT 254			4
sem 1	WRT 110	Reading & Writing	3	ENG 101			3
	16	Total Credits					
sem 2	UIST	Nat, Sci, & Tech Explore	3	EGR 105			3
sem 2	UISC 180 or 212	West Herit/Disc Amer III	3	HIS 101			3
sem 2	ES 115	Engr Computer Apps	3	EGR 230			3
sem 2	M 145	Calculus II	4	MAT 256			4
sem 2	PHY 112	Calc based Physics I	4	PHY 221			4
	17	Total Credits					-
sem 3	ECE 213	Electrical Circuits Analysis I	3	EGR 221			4
sem 3	ECE 215	Circuits Lab Is Logic	1				<u> </u>
sem 3	ECE 231	Digital Systems Logic	3				
sem 3	ECE 232	Digital Laboratory	1	MATOOS			
sem 3	M 242	Differential Equations	3	MAT286			3
sem 3	PHY 113	Calc based Physics II	4	PHY 222			4
· · ·	15	Total Credits		DI II 444			
sem 4	UISS 340D	Ethics in Prof	3	PHL111			3
sem 4	CS 114 ECE 214	Computer Programming I	4				
sem 4	ECE 214	Electrical Circuit Analysis II Circuits Lab II	3				
sem 4	ECE 216	Digital Design Using CPLDS	3				
sem 4 sem 4	ES 242	Engineering by Design	3				
36111 4	17	Total Credits	3				_
sem 5	CS 115	Computer Programming II	4				_
sem 5	ECE 332	Intro to Microprocessors	4				
sem 5	ECE 335	Computer Architecuture	3				
sem 5	ECE 361	Electronic Fundamentals	3				_
sem 5	ECE 363	Electronics Lab	1				
sem 5	ES 216	Engineering Mechanics	3	EGR 211 & 2°	12		3
00111 0	18	Total Credits		201121142	<u> </u>		
sem 6	CS 220P	Data Structures	3				
sem 6	ECE 320/M 366	Prob Topics Comp Engr (or M 366)	3				
sem 6	ECE 336	Digital Devices Lab	3				
sem 6	ECE 362	Electronics Circuits	3				
sem 6	ECE 364	Electronics Lab II	1				
sem 6	ECE 382	Sensors & Data Acquis	3				
sem 6	ES 342	Engineering Practice	1				
	17	Total Credits					
sem 7	CH 110	Chemistry I	4	CHE 121			4
sem 7	CS	Computer Science	3				
sem 7	ECE 482	ECE Capstone Des I	1				
sem 7	ECE	ECE Elective	3				
sem 7	ECE/CS	ECE/CS Elective	3				
sem 7	H/SS	Hum/Soc Sci Elec	3	ENG 110			3
	17	Total Credits					
sem 8	ECE 483	ECE Capstone Design II	3				
sem 8	CS	Computer Science	3				
sem 8	ECE	ECE Elective	3				
sem 8	ECE/CS	ECE/CS Elective	3				
sem 8	H/SS	Hum/Soc Sci Elec	3				3
	15	Total Credits	132	<u></u>			59
		1					1

¹⁴Computer Science Electives: CS Electives include, CS 275, and any 300- or 400-level CS courses with the exception of Cooperative Education, Studies in Computer Science, and Independent Study in Computer Science.

Acceptable ECE Electives may be ECE 300,400, 500 level courses.

Electrica	l Engineering, B.	S.E.E.				Total Credits	s
Bulletin \	rear: 2019-2020					Credits requi	ired:
Name:						Completed:	
ID#						remaining:	
Last Modi	fied by:		Date			% complete	d:
	•	University of Hartford			Commi	unity College	
Sem	COURSE	TITLE	CRDTS	TRM	ERND	GRD	
sem 1	UISA	Artistic & Creative Ex.	3				
sem 1	ES 101	Engr Dialogue	1				
sem 1	ES 143P	Engineering and Design	3	EGR 111			
sem 1	ES 220	Graphic Communication	2	CAD 106/107	or 110		
sem 1	M 144	Calculus I	4	MAT 254			
sem 1	WRT 110	Reading & Writing	3	ENG 101			
	16	Total Credits					
sem 2	UIST	Nat, Sci, & Tech Explore	3	EGR 105			
sem 2	UISC 180 or 212	West Herit/Disc Amer III	3	HIS 101			
sem 2	ES 115	Engr Computer Apps	3	EGR 230			
sem 2	M 145	Calculus II	4	MAT 256			
sem 2	PHY 112	Calc based Physics I	4	PHY 221			
	17	Total Credits					
sem 3	ECE 213	Electrical Circuit Analysis I	3	EGR 221			
sem 3	ECE 215	Electrical Circuit Lab I	1	LOIVEZI			
sem 3	ECE 231	Digital System Logic	3				
sem 3	ECE 232	Digital Lab	1				
sem 3	M 242	Differential Equations	3	MAT286			
sem 3	PHY 113	Calc based Physics II	4	PHY 222			
	15	Total Credits					
sem 4	UISS 340D	Ethics in Prof	3	PHL111			
sem 4	CH 110	College Chemistry I	4	CHE 121			
sem 4	ECE 214	Electrical Circuit Analysis II	3				
sem 4	ECE 216	Circuit Lab II	1				
sem 4	ES 242	Engineering by Design	3				
sem 4	M 240	Calculus of Sev Variables	4	MAT 268			
	18	Total Credits					
sem 5	ECE 332	Microprocessor Application	4				
sem 5	ECE 341	Design & Cont Systems	3				
sem 5	ECE 361	Electronics Fund.	3				
sem 5	ECE 363	Electronics Lab I	1	EOD 044 9 0	10		
sem 5	ES 216	Engineering Mechanics	3	EGR 211 & 2	12		
sem 5	M 220	Linear Algebra Total Credits	3	MAT 272			
som 6		EM Field Theory	4				
sem 6	ECE 351 ECE 362	Electronic Circuits	3				
sem 6 sem 6	ECE 364	Electronics Lab II	1				
sem 6	ECE 382	Sensors & Data Acquis	3				
sem 6	ES 342	Engineering Practice	1				
36111 0	12	Total Credits	'				
sem 7	ECE 420	Random Signals & Noise	3				
sem 7	ECE 440	Digital Signal Process	3				
sem 7	ECE 482	ECE Capstone Des I	1				
sem 7	ECE	ECE Elec	3				
sem 7	ECE Seq 1	ECE Seq Course 1	3				
sem 7	H/SS	Hum/Soc Sci Elec	3	ENG 110			
	16	Total Credits	 				
sem 8	ECE 483	ECE Capstone Design II	3				
sem 8	ECE	ECE Elec	3				
sem 8	ECE	ECE Elec	3				
sem 8	ECE Seq 2	ECE Seq Course 2	3				
sem 8	H/SS	Hum/Soc Sci Elec	3				
	15	Total Credits	126				1

¹³ **ECE elective**s are ECE 234, or any 300-, 400-, or 500-level courses.

Electrical engineering sequences provide greater depth and understanding of a field or specialty. Typical sequences are given below. Oth sequences may be approved by the chair (new list effec. F2014, updated F2017)

Computer Systems: Two courses from ECE 334, ECE 335, ECE 336, ECE 532, ECE 534

Communications: Two courses from ECE 423, ECE 521, ECE 525, ECE 540

Controls: Two courses from ECE 442, ECE 445, ECE 542, ECE 543, ECE 544, ECE 545 Electric Power: Two courses from ECE 471/473, ECE 571, ECE 572, ECE 573, ECE 575 System Simulation: Two courses from ECE 435, ECE 530, ECE 537, ECE 551, ECE 555

VLSI Design: ECE 565 and ECE 567

Students must complete the final 30 credits at the University of Hartford.

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Mechanic	cal Engineering, E	B.S.M.E.				Total Credits	132
	Year: 2019-2020					Credits required	d: 132
Name:	Addit	onal Concentrations: Comput	ational	Energy	&	Completed:	62
ID#						·	70
שו # Last Mod	ified by	ability; Manufacturing; Robotic	Date	omacnii	nery	remaining: % completed:	47%
Last Moul	mea by.	University of Hartford	Date		Comn	nunity College	41 70
Sem	COURSE	TITLE	CRDTS	TRM	ERND	GRD	Count
sem 1	UISA	Artistic & Creative Ex.		I K IVI	EKNU	GRD	3
sem 1	ES 101	Engr Dialogue	3				3
sem 1	ES 143P	Engineering and Design	3	EGR 111			3
sem 1	ES 220	Graphic Communication	2	CAD 106/10	7 or 110		2
sem 1	M 144	Calculus I	4	MAT 254	1 01 110		4
sem 1	WRT 110	Reading & Writing	3	ENG 101			3
	16	Total Credits		2.10			
sem 2	UIST	Nat, Sci, & Tech Explore	3	EGR 105			3
sem 2	UISC 180 or 212		3	HIS 101			3
sem 2	ES 115	Engr Computer Apps	3	EGR 230			3
sem 2	M 145	Calculus II	4	MAT 256			4
sem 2	PHY 112	Calc based Physics I	4	PHY 221			4
	17	I otal Credits					
sem 3	CH 110	College Chemistry	4	CHE 121			4
sem 3	ES 110	Statics	3	EGR 211			3
sem 3	M 240	Calc of Several Variables	4	MAT 268			4
sem 3	PHY 113	Calc based Physics II	4	PHY 222			4
	15	Total Credits					
sem 4	ES 211	Dynamics	3	EGR 212			3
sem 4	ES 212	Mechanics of Materials	3				
sem 4	ES 242	Engineering By Design	3				
sem 4	M 242	Differential Equations	3	MAT286			3
sem 4	ME 213W	Mech Engr Mat'l & Lab	3				
sem 4	IVIE 230	r nermodynamics i	3	EGR 214			3
	18	Total Credits					
sem 5	M 344	Advanced Engr Math	3				
sem 5	ME 337	I hermodynamics II	3				
sem 5	ME 340	Fluid Mechanics	3				
sem 5	ME 350	Vibrations I	3				
sem 5	ME 370	Elements of Mech Des	3				
sem 5	ME 376	Comp Aided Des & Anal	3				
	18	Total Credits					
sem 6	ECE 255	Fund of Circ & Elec	4	EGR 221			3
sem 6	ES 342	Engineering Practice	1				
sem 6	ME 341	Heat Transfer	3				
sem 6	ME 342W	Fluid Mech & Heat Lab	3				
sem 6	ME 460	Engineering Acoustics	3				
sem 6	ME 470	Mechanical Design	3				
	17	Total Credits					
sem 7	M 366	Engr Prob/Statistics	3				
sem 7	ME 404	Auto Ctrl Sys Analysis	3				
sem 7	ME 440	Therm/Mech Sys Des	3				
sem 7	ME 472	Capstone Design Proj I	1				
sem 7	ME 480	Mod Mfg Processes	3				
sem 7	PE	Prof Elec	3				
	16	Total Credits					
sem 8	UISS 340D	Ethics in Prof	3	PHL111			3
sem 8	ME 473	Capstone Design Proj II	3				
sem 8	ME 405/505	Mechatronic Sys Des	3				
sem 8	PE	Prof Elec	3				
sem 8	PE	Prof Elec	3				
	15	Total Credits	132				62

⁸Professional electives include courses in engineering, physics, chemistry, biology, and mathematics.

Generally, professional electives should be at the 200 level or above, for mechanical and civil, 300 level or as approved by the department.

Courses in computer science and 100-level courses may be selected as professional electives with the approval of the student's academic advisor.

Additional concentrations in Mechanical: Acousitcs; Computational; Energy& Sustainability; Manufacturing; Turbomachinery

Engineering	Science Requirements				
СОТ		UofH			Applies to Programs *
ENG* 101:	Composition 3 Credits	WRT 110	3		All Engr
EGR* 111:	Introduction to Engineering 3 Credits	ES 143	3		All Engr
MAT* 254:	Calculus I 4 Credits (Gen Ed - Mathematics) ‡	M 144	4		All Engr
CHE* 121:	General Chemistry I 4 Credits	CH 110	4		All Engr
HIS* 101:	Western Civilization I 3 Credits	HIS 1XX	3	Sub for UISC 180	All Engr
ENG* 110:	Introduction to Literature 3 Credits	ENG 140	3	H/SS elective	all but Mechanical
MAT* 256:	Calculus II 4 Credits	M 145	4		All Engr
Choose one	course from Gen Ed - The Arts 3 Credits	ARTS course	3	Sub for UISA	All Engr
PHY* 221:	Calculus-Based Physics I 4 Credits	PHY 112	4		All Engr
EGR* 230:	C++ For Engineers 3 Credits	ES 115	3		All Engr
PHY* 222:	Calculus-Based Physics II 4 Credits	PHY 113	4		All Engr
EGR* 211:	Engineering Statics 3 Credits	ES 110	3		All Engr
PHL* 111:	Ethics 3 Credits	PHI 102	3	Sub for UISS 340D	All Engr
MAT* 268:	Calculus III: Multivariable 4 Credits	M 240	4		Not Civil or Computer Engineering
Engineering	Elective 3-4 Credits‡‡				
Choose one	course from Gen Ed - Social Sciences 3 Credits			H/SS elective	all but Mechanical
MAT* 286:	Differential Equations 4 Credits	M 242	3		All Engr (see note below for Civil)
Engineering	Elective 3-4 Credits‡‡				
Engineering	Elective 3-4 Credits‡‡				
EGR 212	Dynamics	ES 211	3		All Engr
EGR 214	Thermo I	ME 236	3		Mechanical Engineering
EGR 221	Intro Elec. Cir Ana	ECE 213/215	4		All Engr
EGR 105	Robotics: Const. & Design	ES 1XX	3	Sub for UIST	All Engr
CHE 122	Gen Chem II	CH 111	4		needed for Civil and Biomedical
CAD 106 + 107 or	ICAD & Lab	ES 220	2		All Engr
CAD 110	Intro CAD	ES 220	2		All Engr
CIV 150 & 151		CE 250	3		Civil Engineering
CIV 250 + 251		CE 451			Civil Engineering
MAT 272	Linear Alg	M 220	3		Electrical Engr
MAT 272 & 285	Linear & Diff Eq	M 246	4		Civil Engineering
BIO 211	Anatomy & Physiology I	BIO 212	4		needed for Biomedical
BIO 212	Anatomy & Physiology II	BIO 213	4		needed for Biomedical
CHE 211	Organic Chemistry I	CH 230	4		needed for Biomedical PreMed option
CHE 212	Organic Chemistry II	CH 231	4		needed for Biomedical PreMed option
		+			Civil Engineering has Lab Scie
	* DRAFT Robotics Engineering not included in colu	ımn F			ggse _sa _sa _sa
	i i				

Bulletin Y Name: ID # Last Modin Sem sem 1	rear: 2019-2020 fied by: COURSE ADT 110P ADT 155 ADT 160	University of Hartford TITLE	Date			Credits required: Completed: remaining:	133 76 57
ID # Last Modification Sem sem 1 sem 1 sem 1 sem 1 sem 1	COURSE ADT 110P ADT 155	TITLE	Date			Completed:	76
Sem sem 1 sem 1 sem 1 sem 1 sem 1 sem 1	COURSE ADT 110P ADT 155	TITLE	Date				
Sem sem 1 sem 1 sem 1 sem 1 sem 1 sem 1	COURSE ADT 110P ADT 155	TITLE	Date				1 5/
Sem sem 1 sem 1 sem 1 sem 1 sem 1	COURSE ADT 110P ADT 155	TITLE	- 3.1.5			% completed:	57%
sem 1 sem 1 sem 1 sem 1	ADT 110P ADT 155	TITLE			Commu	nity College	0.70
sem 1 sem 1 sem 1 sem 1	ADT 110P ADT 155		CRDTS	TRM	ERND	GRD	$\overline{}$
sem 1 sem 1 sem 1 sem 1	ADT 155	Intro Arch Graphics	4	ARC 103		5.12	4
sem 1 sem 1 sem 1		Ancient thru Renais Arch	4	ARC 102 & AR	T 101		4
sem 1	7.2	Studio Shop Oper & Safety (S or F)	0	7410 102 0741			
sem 1	WRT 110W	Rhetoric and Writing I	3	ENG 101			3
	ET 111	Intro to Eng Tech	1	2110 101			
	MTH 112	Precalc I for Tech	3	MAT 172			3
	15	Total Credits		110 112			
sem 2	ADT 112	Intro to Built Environ	1				
sem 2	ADT 123	Architectural Design I	4	ARC 205/205L			4
sem 2	ADT 156	Arch since Renais	4				<u> </u>
sem 2	ADT 160	Studio Shop Oper & Safety (S or F)	0				\rightarrow
sem 2	MTH 122	Precalc II for Tech	3	MAT 186			3
sem 2	PHY 120	Alg-Based Phys I	4	PHY 121 (PHY	114 & 115)		4
00111 2	4	Total Credits	<u> </u>		111 & 110)		'
sem 3	ADT 232	Mat'l & Meth of Const Docs	4	ARC 108 & 227	7		4
sem 3	ADT 233	Architectural Des II (small bldg)	4	ARC 207/207L			4
sem 3	MTH 233	Calc I & II	4	MAT 254 & 256	<u> </u>		4
sem 3	PHY 121	Alg-Based Phys II	4	PHY 122			4
00111 0	8	Total Credits	<u> </u>				'
sem 4	ADT 241	Bldg Environ Sys	3	ARC 240			3
sem 4	ADT 242	Construction Doc	4	ARC 203/203L	& CAD 112/11	3	4
sem 4	ADT 244	Architectural Des III (large bldg)	4	7 11 10 200/2002			
sem 5/4	ADT 355	Engineering Mechanics	4				\rightarrow
sem 6/4	WRT 215W	Intro to Prof Writing	3	ENG 102 OR 2	00		3
00111 0/ 1	18	Total Credits		2.10 102 0112			
sem 7/5	UISS 340D	Ethics in Prof	3	PHI 111			3
sem 5	ADT 350	Intro to Arch Theory	3				
sem 5	ADT 352P	Architectural Des IV	4				
sem 5	ADT 358	Arch Computer Mdlg	3				
sem 6/5	ADT 364	Streng of Mat'l & Des/Wood	4				$\overline{}$
	11	Total Credits					
sem 6	UIST	Nat, Sci, & Tech Explore	3				3
sem 6	ADT 371	Architectural Des V	4				+-
sem 5/6	H/SS	Hum/Soc Sci Elec	3	GEN ED			3
sem 8/6	PE	Prof Elec	3	ARC 220 or 22	1 or 245 or AR	T courses	3
sem 6	TS	Tech Spec	4	7 11 10 220 01 22			
	14	Total Credits					
sem 5/7	UISA	Artistic & Creative Ex.	3	GEN ED ART (COURSE		3
sem 7	ADT 472	Architectural Des VI	4	OLIVED AIRT	JOUROL		+
sem 7	ADT 472	Des Steel Structures	3				
sem 7	TC 481W	Engl III: Adv Tech Comm	3				
sem 7	LS	Lab Sci Elec	4	LAB SCIENCE	COLIBSE		4
	17	Total Credits	7	LI ID GOILINGL	JOURGE		
sem 8	UISC	Cult & Hist Interpre	3	GEN ED CULT	I IBE COLIDGE		3
sem 8	ADT 484	Reinforced Concrete Des	3	OLIV LD COLI	ONE COURSE	-	
sem 8	ADT 489P	_					
sem 8	PE	Senior Capstone Project Prof Elec	3	ARC 220 or 22	1 or 245 or AD	Toourees	3
sem 8	TS	Tech Spec	4	ANG 220 01 22	1 01 243 01 AR	1 6001565	3
oeiii 0	17	Total Credits	4				+-
	17	Total Gredits	133			+	76

⁴Technical specialties are upper-level courses in the major. Acceptable specialties are AET 343, 353, 356, 359, 362, 366, 373, 384, 471, 473, 481.

A minimum grade of C- is required to move throught the TC and MTH sequences.

Minimum grade of "C" is required to move through the design sequence.

Students must complete their final 30 credits in residence

		gy B.S. Accelerated M Arch				_	al Credits	135
	ar: 2019-2020					_	edits required:	135
Name:							mpleted:	70
ID#			_				naining:	65
Last Modif			Date				completed:	52%
Sem	COURSE	TITLE	CRDTS	TRM	ERND	GRI)	1
sem 1	ADT 110P	Intro Arch Graphics	4	ARC 103 ARC 102		24		4
sem 1	ADT 155 ADT 160	Ancient thru Renais Arch	4	ARC 102	& ARTT	JT		4
sem 1 sem 1	WRT 110W	Studio Shop Oper & Safety (S or F) Rhetoric and Writing I	0	ENG 101		-		2
sem 1	ET 111	Intro to Eng Tech	3	ENG 101		-		3
sem 1	MTH 112	Precalc I for Tech	3	MAT 172				3
30111 1	15	Total Credits	3	WIAT 172				
sem 2	ADT 112	Intro to Built Environ	1					
sem 2	ADT 123	Architectural Design I	4	ARC 205	/205L			4
sem 2	ADT 156	Arch since Renais	4					
sem 2	ADT 160	Studio Shop Oper & Safety (S or F)	0					
sem 2	MTH 122	Precalc II for Tech	3	MAT 186				3
sem 2	PHY 120	Alg-Based Phys I	4	PHY 121	(PHY 114	1 & 1	15)	4
	4	Total Credits			Ì			
sem 3	ADT 232	Mat'l & Meth of Const Docs	4	ARC 108				4
sem 3	ADT 233	Architectural Des II (small bldg)	4	ARC 207				4
sem 3	MTH 233	Calc I & II	4	MAT 254	& 256			4
sem 3	PHY 121	Alg-Based Phys II	4	PHY 122				4
	8	Total Credits						
sem 4	ADT 241	Bldg Environ Sys	3	ARC 240				3
sem 4	ADT 242	Construction Doc	4	ARC 203	/203L & C	AD '	112/113	4
sem 4	ADT 244	Architectural Des III (large bldg)	4					
sem 4	ADT 355	Engineering Mechanics	4					
sem 4	WRT 215W	Intro to Prof Writing	3	ENG 102	OR 200	<u> </u>		3
	18	Total Credits						
sem 5	UISS 340D	Univ Interdisc Studies – Ethics in Prof	3	PHI 111				3
sem 5	ADT 350	Intro to Arch Theory	3					
sem 5	ADT 352P	Architectural Des IV	4			<u> </u>		
sem 5	ADT 358	Arch Computer Mdlg	3			-		
sem 5	ADT 364	Streng of Mat'l & Des/Wood	4			-		
2 2 m2 C	17	Total Credits		OFNED	ADT OOL	LDOF	<u> </u>	
sem 6	UISA	Artistic & Creative Ex.	3	GEN ED				3
sem 6	UISC	Cult & Hist Interpre	3	GEN ED	CULTUR	F CC	DURSE	3
sem 6	ADT 371	Architectural Des V	4	OFNED		-		
sem 6	H/SS	Hum/Soc Sci Elec	3	GEN ED				3
sem 6	TS	Tech Spec	4			-		_
sem 7	17 ADT 472	Total Credits Architectural Des VI	1			-		
sem 7	ADT 474	Des Steel Structures	3			\vdash		
sem 7	PE/ARC 513	Adv Building Sys	3					
sem 7	TS/ARC 515	Adv Urban Issues	4					
sem 7	LS	Lab Sci Elec	4	LAB SCIE	NCE CO	LIRS	 :F	4
001117	18	Total Credits		L, (D COIL		T		· ·
sem 8	UIST	Nat, Sci, & Tech Explore	3					3
sem 8	ADT 484	Reinforced Concrete Des	3					+ -
sem 8	ADT 489P/ARC 511	Architectural Studio I (4/6c)	6					+
sem 8	TC 481W	Engl III: Adv Tech Comm	3					
sem 8	PE/ARC 500 level	500 level Prof Elective	3					
	18	Total Credits						
		UNDERGRAD DEGREE TOTAL:	135					70
M Arch								1
Summer 9	ARC 523	Adv Structural Systems	3					
Summer 9	ARC 521	Architectural Studio II	6					
Summer 9		Adv Design Theroy	4					
Summer 9	PE	Professional Elective (graduate course)	3					
Fall 10	ARC 611	Architectural Studio III	6					
Fall 10	ARC 512	Adv Site Planning	3					
Fall 10	ARC 613	Thesis Research	4					
Fall 10	PE	Professional Elective (graduate course)	3					
Spring 11	ARC 621	Master's Thesis	6					
Spring 11	ARC 522	Adv Building Economics	4					
Spring 11	ARC 623	Adv Professional Practice	3					
Spring 11	PE	Professional Elective (graduate course)	3					
M Arch	n	Total Credits	48					

Addio Ell	gineering rec	chnology B.S.				Total Credits	128
Bulletin Y	/ear: 2019-202	20				Credits required:	128
Name:						Completed:	62
ID#						remaining:	66
Last Modi	fied by:		Date			% completed:	48%
Lust moun	•	University of Hartford	Date		Commu	ınity College	407
Sem	COURSE	TITLE	CRDTS	TRM	ERND	GRD	
	AUD 110	Music f/ Audio Tech I	2	I KIVI	EKNU	GRD	
sem 1							
sem 1	AUD 122	Audio Recording Princ	2				-
					103 or EET 1	05 & 106 or EET	
sem 1	ECT 111	Intro to DC Circ Anal	4	110			4
sem 1	ET 111	Intro to Engr Tech	1				
sem 1	WRT 110W	Academic Writing I	3	ENG 101			3
sem 1	MTH 112	Precalc I for Tech	3	MAT 172			3
	15	Total Credits					
sem 2	UISA	Artistic & Creative Ex.	3	GEN ED ART C	OURSE		3
sem 2	AUD 111	Music f/ Audio Tech II	2				
sem 2	AUD 161P	Modern Recording Tech	3				$\overline{}$
sem 2	ECT 121	AC Fund	4	EET 108 or 114	or 119 & 120		4
sem 2	MTH 122	Precalc II for Tech	3	MAT 186	57 1 10 G 120		3
JCIII Z	15	Total Credits	+ -	WATTOO			
sem 3	AUD 266	Art of Mixing	3				
sem 3	ECT 122	Intro to Dig Dev	4	EET 252 or 254	2 255		4
							4
sem 3	ECT 231	Solid State Fund	4	EET 132 or 134			
sem 3	MTH 232	Calc I for Tech	3	MAT 250 or 254			3
sem 3	H/SS	Hum/Soc Sci Elec	3	GEN ED			3
	17	Total Credits					
sem 5/4	UIST	Nat, Sci, & Tech Explore	3				
sem 4	AUD 282	Live Sound/Media Sys	3				
sem 4	ECT 241	Analog Dev & Circ	4	EET 234 & 235			4
sem 4	MTH 241	Calc II for Tech	3	MAT 256			3
sem 5/4	WRT 215W	Intro to Prof WritIN	3	ENG 102 or 200			3
	16	Total Credits					
sem 5	AUD 362	Audio Sys Integra	4				
sem 5	ECT 352	RF Comm	4	EET 274 & 275			4
sem 4/5	PHY 120	Alg-Based Phys I	4	PHY 121 (PHY	114 & 115)		4
sem 6/5	PE	Prof Elec	3	(
30111 0/0	15	Total Credits					
sem 6	AUD 382	Princ Mag Record'g	3			+	
sem 6	AUD 384	Digital Audio Sys	3				
sem 6	ECT 365	Auto Graph Sys Des	3			+	
sem 5/6	PHY 121	Alg-Based Phys II	4	PHY 122		+	4
sem 6	PE PE	Prof Elec	3	1 111 122		+	- 4
201110	16	Total Credits	3			+	
20m 7			-	DUI 444			
sem 7	UISS 340D	Ethics in Prof	3	PHI 111			3
sem 7	AUD 471	Sr Proj I	1				
sem 7	ECT 472	Computer Ntwrkg	4				
sem 7	ES 262	Intro Mus & Arch Acous	3				
sem 7	TS	Tech Spec	4				
sem 7	UE	Unrest Elec	3				
	18	Total Credits					
sem 8	UISC	Cult & Hist Interpre	3	GEN ED CULTU	JRE COURSE		3
sem 8	AUD 481P	Sr Proj II	3				\neg
sem 8	TC 481W	Eng III: Adv Tech Comm	3				\neg
sem 8	TS	Tech Spec	3			 	$\overline{}$
sem 8	TS	Tech Spec	4				
55111 0	16	Total Credits	128			+	

Acceptable Technical Specialties: Technical specialties are upper-level CETA and Hartt School courses in the major. Acceptable specialties are AUD 462; COM 462, 463, 466; CS 220 and 300- or 400-level courses other than Cooperative Education; ECT 232, 242, 300- or 400-level courses; MET 300- or 400-level courses; TH 210, 211, 330, 333, 410, 420, 421, 422, 435, 455.

A minimum grade of C- is required to move throught the TC and MTH sequences.

A minimum grade of C- is required to move through the ECT sequence of prerequisite courses.

Students must complete their final 30 credits in residence

Compute	T AIIU EIECH	ronic Engineering Technology B.S.							
						Total Credits		127	
Bulletin Year: 2019-2020					Credits required:	<u>'</u>	127		
Name:						Completed:		72	
ID#			5 1			remaining:		55	
Last Modi	tied by:		Date			% completed:		57%	
University of Hartford Sem COURSE TITLE				TRM	ERND	nity College			
Sem sem 1		TITLE	CRDTS	GEN ED ART (GRD		3	
	UISA	Artistic & Creative Ex.	3	GEN ED ART	JOURSE			3	
sem 1	ECT 110P	Project Based Lrng	3						
				CET 110 or EE					
sem 1	ECT 111	DC Elec Fund	4	110				4	
sem 1		Eng I: Academic Writing I	3	ENG 101				3	
sem 1	ET 111	Intro to Engineer Tech	1	NAT 470					
sem 1	MTH 112	Precalc I for Tech	3	MAT 172				3	
20m 2	17	Total Credits	0						
sem 2 sem 2	CS 111 ECT 121	Programming Foundations AC Electrical Fund	3	EET 108 or 114	Lor 110 9 120				
sem 2 sem 2	ECT 121	Intro to Dig Dev	4	EET 108 or 112 EET 252 or 254				4	
sem 2	MTH 122	Precalc II for Tech	3	MAT 186	& 255 			3	
sem 2	PHY 120	Algebra-Based Phys I	4	PHY 121 (PHY	114 & 115)			4	
Sem Z	18	Total Credits	-	1111 121 (1111	114 & 113)				
sem 3	ECT 231	Solid State Fund	4	EET 132 or 134	I & 135 or 136			4	
sem 3	ECT 232	Digital Circuits II	4	LL1 102 01 10-	100 01 100				
sem 3	MTH 232	Calc I for Tech	3	MAT 250 or 254	4			3	
sem 3	PHY 121	Algebra-Based Phys II	4	PHY 122	<u> </u>			4	
	15	Total Credits							
sem 4	ECT 241	Analog Dev & Circ	4	EET 234 & 235				4	
sem 4		Micro Arch & Prog	4	EET 256 or 258				4	
sem 4	ECT 351	Prac Issues in Circ Des	3						
sem 4	MTH 241	Calc II for Tech	3	MAT 256				3	
	14	Total Credits							
sem 7/5	UISS 340D	Ethics in Prof	3	PHI 111				3	
sem 5	MTH 352	Diff Eqns for Tech	3	MAT 285				3	
sem 5	MWD 110	Found Web Des & Dvlpmnt	4						
sem 5		Intro to Prof Writing	3	ENG 102 or 20	0			3	
sem 5	TS	Tech Spec	4						
	17	Total Credits							
sem 6	ECT 353	Computer Arch	4						
sem 6	ECT 365	Auto Graph Prog Sys Des	3						
sem 5	ES 115	Engr Computer Apps	3	EGR 230 or CE				3	
sem 6	LS	Lab Sci Elec	4	LAB SCIENCE	COURSE			4	
sem 6	TS 18	Tech Spec Total Credits	4						
sem 7			2	GEN ED CULT	LIDE COLIDOR			3	
	UISC	Cult & Hist Interpre	3	GEN ED COLT	URE COURSE			3	
sem 7	ECT 471P	Sr. Project Design I	3						
sem 7 sem 7	ECT 472 TC 481W	Networking Engl III: Adv Tech Comm	3			+			
Selli /	13	Total Credits	3						
sem 8	UIST	Nat, Sci, & Tech Explore	3		 			3	
sem 8	ECT 481P	Sr. Project Design II	3						
sem 8	PE	Prof Elec	3						
sem 8	TS	Tech Spec	3			+			
sem 8	TS	Tech Spec	3						
30.11 0	15	Total Credits	127					72	

Acceptable CS/MWD Professional Electives: CS 114, 115, MIS 211, MWD 200-400 level

Acceptable technical specialties:

CS 200-400-level, ECT 300-400 LEVEL, ET 300-400 level, MIS 300-400 level, MWD 300- 400 level, except Co-op, Ind. Study & Special Topics with permission.

A minimum grade of C- is required to move throught the TC and MTH sequences.

A minimum grade of C- is required to move through the ECT sequence of prerequisite courses.

Students must complete their final 30 credits in residence

NO CONCENTRATION Bulletin Year: 2019-2020 Name:					Total Credits	404
		_			I Otal Ol Calts	131
					Credits required:	131
					Completed:	79
ID#					remaining:	52
Last Modified by:		Date			% completed:	60%
	niversity of Hartford	Zuto		Commun	ity College	1 0070
Sem COURSE TITL		CRDTS	TRM	ERND	GRD	
	stic & Creative Ex.	3	GEN ED ART C		0.12	3
010/1	ect Based Lrng	3	OLIVED AIXT O	COROL		
Sell I LCT HOP Floji	ect based Ling	3	CET 110 OR EE	T 102 OD EET	105 8 106 OP	_
sem 1 ECT 111 DC I	Elec Fund	4	EET 110 OK EE	11 103 OK EE1	103 & 100 OK	4
	demic Writing I	3	ENG 101			3
	to Engineer Tech	1	2110 101			
	calc I for Tech		MAT 172			3
	al Credits		1772			
	Electrical Fund	4	EET 108 OR 11	 4 ∩R 119 & 120		4
	to Dig Dev	4	EET 252 OR 254 & 255			4
	calc II for Tech	3	MAT 186			3
	ebra-Based Phys I	4	PHY 121 (PHY 1	 11 <i>4</i> & 115)		4
	al Credits	7	1111 121 (1111	114 & 110)		
	d State Fund	4	EET 132 OR 13	4 & 135 OR 136		4
	tal Circuits II	4	221 102 GK 10	1 4 100 011 100		
3	c I for Tech	3	MAT 250 OR 254			3
	ebra-Based Phys II	4	PHY 122			4
	al Credits	<u> </u>	1111 122			
	log Dev & Circ	4	EET 234 & 235			4
	o Arch & Prog	4	EET 256 OR 25	8 & 259		4
	temp Issues in Elec Circ Des	3	221 200 OK 200	<u> </u>		
	to Prof Writing	3	ENG 102 OR 20)O		3
	c II for Tech	3	MAT 256			3
	al Credits		1417 (17 200			
	Comm	4	EET 274 & 275			4
	ear Int Circuits	4	2212110210			
	r Computer Apps		EGR 230 OR CET 124			3
	Eqns for Tech	3	MAT 285			3
	n/Soc Sci Elec	3	GEN ED			3
	al Credits		02.1125			
	Sci, & Tech Explore	3				3
CIOT I Tati	a Comm	3				
	RF Comm	4				
	Graph Prog Sys Des	3				
	Sci Elec	4	LAB SCIENCE COURSE			4
	al Credits	·	L (B GGIEI (GE GGGI (GE			
	cs in Prof	3	PHI 111			3
0.000.02	Project Design I	3				
	h Spec	4				
	h Spec	4				
	I III: Adv Tech Comm	3				
	al Credits					
	t & Hist Interpre	3	GEN ED CULTURE COURSE			3
0100	Project Design II	3	TENTE SELICITE SOUNDE			
	Elec	3				
	h Spec	4				
	h Spec	3				
	al Credits	131				79

Acceptable Technical Specialties: all 300-400 level ECT courses not required or equivalent to required courses.

Licotion	nechanical Engin	eering Technology B.S.	'	'	1			
	Year: 2019-2020			7		Total Cre	dits	1
Name:		+	+	 		Credits re		1
ID#	+	+	+-			Complete		<u>'</u>
Last Modi	ified bv:	†	Date			remaining		
	1100 27.					% compl		64
	Univ	versity of Hartford			Con	nmunity C		
Sem	COURSE	TITLE	CRDT	is				
sem 1	ECT 110P	Project Based Lrng	3					
			'	OR EET				
sem 1	ECT 111	Intro to DC Circ Anal	4	103 OR				4
sem 1	ET 111	Intro to Engineer Tech	1	100				
sem 3/1	MET 116	Manufact'g Proc		MGF 102 &	103			4
sem 1	MTH 112	Precalc I for Tech		MAT 172	100		+	3
30111	7	Total Credits	+	IVII CI			+	
sem 2	ECT 121	AC Fund	4	FFT 108 O	R 114 OR 11	19 & 120	+	4
sem 2	ECT 122	Intro to Dig Dev			R 254 & 255		+	4
sem 2	MTH 122	Precalc II for Tech		MAT 186	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		+	3
sem 2	PHY 120	Algebra-Based Phys I			PHY 114 & 11	15)	+	4
sem 1/2	WRT 110W	Academic Writing I	3	ENG 101			+	3
36III I/-	18	Total Credits	+~	EINO 10.		+	+	
sem 3	ECT 231	Solid State Fund	4	EET 132 O	R 134 & 135	L - ∩R 136	+	4
sem 4/3	ECT 231	Digital Circuits II	4	EET 102 O	134 G 100	UK 100		7
sem 4/3	MET 236	Statics		MEC 114				3
sem 3	MTH 232	Calc I for Tech		MAT 250 OI	ים מבו	-	+	3
sem 3	PHY 121	Algebra-Based Phys II	_	PHY 122	K 204	-	+	<u> </u>
Sem s	18	Total Credits	4	PHY 122		-	+	
4		I .	+	224 &	225	-	+	
sem 4	ECT 241	Analog Dev & Circ		EET 234 & 2		.——	+	4
sem 5/4	ECT 242	Micro Arch & Prog			R 258 & 259	 	+	4
sem 2/4	ES 220	Graphic Comm	2	CAD 110 OF		 	1	2
sem 5/4	MET 243	Mech of Matls for Tech	4	MEC 250 &	252	 	1	4
sem 4	MTH 241	Calc II for Tech	3	MAT 256	1	-	1	3
2/5	13	Total Credits	<u></u>	1	2.21.1000		$\downarrow \longrightarrow$	
sem 3/5	UISA	Artistic & Creative Ex.			RT COURSE	<u>:</u>	\perp	3
sem 8/5	UISS 340D	Ethics in Prof		PHI 111				3
sem 6/5	MET 363	Machine Design I	4					
sem 6/5	MET 365	Fluid Mechanics	_	MEC 272 OR	₹ MEC 270 &	275		4
sem 5	MTH 352	Diff Eqns for Tech	3	MAT 285				3
	17	Total Credits	 '					
sem 4/6	UIST	Nat, Sci, & Tech Explore	3					3
sem 7/6	ECT 351	Contemp Issues in Elec Circ Des	3					
sem 5/6	ECT 355	Indust Elec & Actuators	4					
sem 6	ECT 365	Auto Graph Sys Des	3					
sem 6	WRT 215W	Engl II: Tech Comm (RPW 215W)	3	ENG 102 O	R 200			3
	10	Total Credits	+					
sem 6/7	UISC	Cult & Hist Interpre	3	GEN ED CI	ULTURE CO	URSE	+	3
sem 6/7	ECT 364	Ind Instr & Sensors	4	OL	/E151	UTTEL TOTAL		-
sem 7	ECT 471P	Sr. Project Design I	3					
sem 7	TS	Tech Spec	4					
361117	14	Total Credits						
sem 8	ECT 481P	Sr. Project Design II	3					
sem 7/8	ECT 488/MET 484	Automation Systems	4					
sem 8	TC 481W	Engl III: Adv Tech Comm	3					
sem 8	TS	Tech Spec	4					
Sem o	4	Total Credits	-					
	4	Total Credits	129		1	-	+	82

A minimum grade of C- is required to move throught the TC and MTH sequences.

A minimum grade of C- is required to move through the ECT sequence of prerequisite courses.

Students must complete their final 30 credits in residence