

EMCC Transfer Agreement AAS Computer Science

Coding Option

EMCC

Husson University

First Semester				
CST 103	Introduction to Computer Systems	3		
CST 123	PC Hardware and Operating Systems	3		
CST 143	Web Applications and Development	3		

ENG 101 College Composition
MAT 119 College Algebra

Second Semester

CST 124	An Introduction to Linux	3
CST 162	Network+ Certification	4
CST 154	Object-Oriented Programming I	3
MAT 120 or	College Trigonometry or Introduction to	2
MAT 161	Statistics*	٥
SPE 101	Oral Communication	3

Third Semester

CST 203	Systems Analysis and Design	3
CST 251	Cloud Computing I	3
CST 253	Object-Oriented Programming II	3
	Any Humanities or Social Science (100 level or higher)**	3
PSY 211	Human Relations	3

Fourth Semester

CST 163	Computer Applications	4
CST 254	Cloud Computing II	3
CST 256	Software Development and Marketing	3
PHY 108	Survey of Applied Physics	4

**Humanities and Social Science Electives

ENG 112	Introduction to Literature	3	
PSY 101	Introduction to Psychology	3	
SOC 101 Introduction to Sociology			
	Any ASL or KOR Course	3	
	ANY ART or MUS Course	3	

IT Integrated Technology Elective			
Open	Open Elective		3
Open Open Elective			3
EH 123	Rhetoric and Composition I		3
MS 141	Contemporary College Algebra		3

Open	Open Elective	
IT 300+	IT Elective (300+)	3
IT 261	Introduction to Computer Programming I	3
MS 132	Probability and Statistics	3
CM 100	Speech	3

IT 321	ystems Analysis and Design			
IT 300+	IT Elective (300+)	3		
IT 262	ntroduction to Programming II			
	Choose One Below	3		
CM 200	Interpersonal Communications	3		

AC/BA/MC	AC/BA/MC Elective	3
Open	Open Elective	3
IT 305	Workflow Management	3
SC	Lab Science Elective	4

EH 200	Approaches to Literature				
PY 111	General Psychology	3			
GL	Global Elective	3			
LC	Foreign Culture and Conversation	3			
FA	Fine Arts Elective	3			

Total Credits Transferred to Husson

58

^{*}Husson recommends MAT 161 to maximize transfer credit

^{**}Only electives applicable to the BS Integrated Technology-Software Development degree have been listed as options

Courses to be Completed at Husson University

BA 101	Introduction to Business	3
BA 245 or MC	Marketing Fundamentals or Introduction to	
220	Marketing	3
BA 302	Business Ethics	3
EH 124	Rhetoric and Composition II	3
EH 200	Approaches to Literature*	3
IT 325	Algorithms and Data Structures I	3
IT 326	Algorithms and Data Structures II	3
IT 351	Information Systems Internship	3
IT 410	Database Design	3
IT 431	Theory and Practice in IT Security	3
IT 471	Current Trends in IT	3
IT 481	Project Management Techniques	3
IT 482	IT Project Development	3
MS 180 or MS 181 or MS 251	Precalculus with Trigonometry or Calculus with Applications or Discrete Mathematics	3-4
MS 131	Logic and Problem Solving	3
PY 111	General Psychology*	3
AC/BA/MC	AC/BA/MC Elective (200+)	3
AC/BA/MC	AC/BA/MC Elective (200+)	3
AC/BA/MC	AC/BA/MC Elective (200+)	3
FA	Fine Arts Elective*	3
GL	Global Perspectives Elective*	3
LC	Foreign Culture and Conversation Elective*	3

Total Credits Remaining at Husson

63

Students from Eastern Maine Community College transferring to Husson University under advanced standing, based on the quality of their credentials, must request an official transcript be sent to Husson University Admissions. Each transcript will be evaluated individually based upon grades and existing transfer agreements between Husson University and EMCC. Transfer students and Husson University students will be held to the same standards and criteria for admission. Upon transfer, any outstanding requirements at Husson University must be completed.

^{*}Course may be transferred if taken as an elective



Eastern Maine Community College AAS Computer Science

Coding Option

<u>Bachelor in Science in Integrated Technology – Software Development</u> <u>2018/2019 Academic Year</u>

First Year

MAT 101 T	First Se	mester	Sem./Yr.	Grade	Second Semester	Sem./Yr.	Grade
HE 111 The Husson Experience IT 262 Intro to Comp Prog I CST 253 T Tr 261 Intro to Comp Prog I CST 154 T MS 132 Probability & Statistics MAT 161 T PY 111 General Psychology Option* T Foreign Culture & Conv. Elec. Option* T Foreign Culture & Conv. Elec. Option* T Foreign Culture & Conv. Elec. Option* T Foreign Culture & Conv. Elec. Option* T Foreign Culture & Conv. Elec. Option* T Foreign Culture & Conv. Elec. Option* T MS 181 Calculus with Trig MS 181 Calculus with Applications Second Year Sem./Yr. Grade Fourth Semester Sem./Yr. Grade H 200 Approaches To Literature Option* T BA 302 Business Ethics T Tr 325 Algorithms & Data Struct I Fine Arts Elective Option* T AC/BA/MC Elective CST 163 T Choose one of the following: CM 200 Interpersonal Comm. PSY 211 T AC/BA/MC Elective CST 163 T Choose one of the following: CM 200 Interpersonal Comm. PSY 211 T AC/BA/MC Elective CST 163 T Choose one of the following: MS 180 Precalculus with Trig MS 181 Calculus with Trig MS 180 Precalculus with Trig MS 181 Calculus with Trig Triat	CM 100	Speech	SPE 101	T	BA 101 Introduction to Business		
T 261	EH 123	Rhetoric & Composition I	ENG 101	T	EH 124 Rhetoric and Comp. II		
PY 111 General Psychology	HE 111	The Husson Experience			IT 262 Intro to Comp Prog II	CST 253	Т
Choose one of the following: M5 141 Contemp. College Algebra MAT 119 T M5 180 Precalculus with Trig Sem./Yr. Grade Fourth Semester Sem./Yr. Grade EH 200 Approaches To Literature Option* T BA 302 Business Ethics Sem./Yr. Grade EH 200 Approaches To Literature Option* T BA 302 Business Ethics Image: Base Sethics Image: Base Sethi	IT 261	Intro to Comp Prog I	CST 154	T	MS 132 Probability & Statistics	MAT 161	T
MS 141 Contemp. College Algebra MS 180 Precalculus with Trig MS 181 Calculus w/Applications Sex.	PY 111	General Psychology	Option*	T	Foreign Culture & Conv. Elec.	Option*	T
MS 180 Precalculus with Trig MS 181 Calculus W/Applications	Choose	one of the following:					
No. Secondary Secondary	MS 141	Contemp. College Algebra	MAT 119	T			
Sem_/Yr. Sem_/Yr. Grade Fourth Semester Sem_/Yr. Grade Fourth Sem_/Yr. Grade Fourt	MS 180	Precalculus with Trig	$\geq \leq$	$\geq \leq$			
Sem./Yr. Grade Fourth Semester Sem./Yr. Grade Fourth Sem./Yr. Grade Fourth Semester Sem./Yr. Grade Fourth Semester Sem./Yr. Grade Fourth Sem./Yr. Grade Fourth Semester Sem./Yr. Grade Fourth Sem./Yr. Grade Fourth Semester Sem./Yr. Grade Fourth Sem./Yr. Grade Fourth Semester Sem./Yr. Grade Fourth Sem./Yr.	MS 181	Calculus w/Applications	$\geq \leq$	$\geq \leq$			
BA 302 Business Ethics Sem./Yr. BA 302 Business Ethics Sem./Yr. Grade Seventh Semester Sem./Yr. Grade Seventh Semester Sem./Yr. Grade Sem./Yr. Grade Sem./Yr. Grade Grade Sem./Yr. Grade Gr				Seco	nd Year		
IT 325 Algorithms & Data Struct I	Third So	emester	Sem./Yr.	Grade	Fourth Semester	Sem./Yr.	Grade
MS 131	EH 200	Approaches To Literature	Option*	T	BA 302 Business Ethics		
AC/BA/MC Elective CST 163 T Choose one of the following: CM 200 Interpersonal Comm. PSY 211 T	IT 325	Algorithms & Data Struct I			IT 326 Algorithms & Data Struct II		
Choose one of the following: CM 200 Interpersonal Comm. PSY 211 T BA 245 Marketing Fundamentals CM 221 Professional Comm. CM 221 Professional Comm. MC 220 Intro. to Marketing Choose one of the following: MS 180 Precalculus with Trig MS 181 Calculus w/Applications MS 251 Discrete Mathematics Thirt Vear Sem./Yr. Grade Sem./Yr. Grade Sem./Yr. Grade Sem./Yr. Grade Sem./Yr. Grade Tif 410 Database Design Lab Science Elective PHY 108 T Global Perspectives Elect Option* T Seventh Semester Sem./Yr. Grade Eighth Semester Sem./Yr. Grade IT 481 Proj. Management Tech. IT 482 IT Project Development AC/BA/MC El	MS 131	Logic & Prob. Solv.			Fine Arts Elective	Option*	T
BA 245 Marketing Fundamentals MC 220 Intro. to Marketing Choose one of the following: MS 180 Precalculus with Trig MS 181 Calculus W/Applications MS 251 Discrete Mathematics Thirt Year Fifth Semester Sem./Yr. Grade IT 305 Workflow Management CST 256 T IT 351 Inform. Systems Intern. IT 321 Sys. Analysis & Design CST 203 T IT 410 Database Design IT 471 Current Trends in IT Lab Science Elective PHY 108 T Global Perspectives Elect Open Elective CST 123 T Open Elective CST 123 T Open Elective Topen Hy 108 T Global Perspectives Elect Open Elective CST 123 T Open Elective CST 123 T Telective Sem./Yr. Grade Fourth Year Seventh Semester Sem./Yr. Grade Eighth Semester Sem./Yr. Grade IT 481 Proj. Management Tech. AC/BA/MC Elective (200+) IT Elective CST 103 T AC/BA/MC Elective (200+) IT Elective (300+) CST 103 T AC/BA/MC Elective (200+) IT Elective (300+) CST 103 T AC/BA/MC Elective (200+) IT Elective (300+) CST 251 T		AC/BA/MC Elective	CST 163	T	Choose one of the following:		
MC 220 Intro. to Marketing Choose one of the following: MS 180 Precalculus with Trig MS 181 Calculus w/Applications MS 251 Discrete Mathematics Third Year Fifth Semester Sem./Yr. Grade IT 305 Workflow Management CST 256 T IT 351 Inform. Systems Intern. IT 321 Sys. Analysis & Design CST 203 T IT 410 Database Design IT 471 Current Trends in IT Lab Science Elective PHY 108 T Global Perspectives Elect Open Elective CST 123 T Open Elective CST 123 T Open Elective Topen Wanagement Tech. AC/BA/MC Elective (200+) Fourth Year Seventh Semester Sem./Yr. Grade Eighth Semester Sem./Yr. Grade IT 481 Proj. Management Tech. AC/BA/MC Elective (200+) IT Elective CST 103 T AC/BA/MC Elective (200+) IT Elective CST 103 T AC/BA/MC Elective (200+) IT Elective (300+) CST 251 T IT I	Choose	one of the following:			CM 200 Interpersonal Comm.	PSY 211	T
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MS 181 Calculus w/Applications MS 251 Discrete Mathematics Dis	MC 220	Intro. to Marketing			Choose one of the following:		
MS 251 Discrete Mathematics Thirt Vear Sem./Yr. Grade Sixth Semester Sem./Yr. Grade					MS 180 Precalculus with Trig		
Fifth Semester Sem./Yr. Grade Sixth Semester Sem./Yr. Grade IT 351 Inform. Systems Intern. IT 410 Database Design AC/BA/MC Elective (200+) Lab Science Elective PHY 108 T Open Elective CST 123 T Open Elective CST 123 T Open Elective Sem./Yr. Grade Fighth Semester Sem./Yr. Grade IT 481 Proj. Management Tech. AC/BA/MC Elective (200+) IT Elective CST 103 T AC/BA/MC Elective (200+) IT Elective Sem./Yr. Grade IT Elective (300+) IT Elective (300+) CST 162 T IT IT Elective (300+) IT Elective (300+) CST 251 T					MS 181 Calculus w/Applications		
Fifth Semester IT 305 Workflow Management IT 321 Sys. Analysis & Design IT 471 Current Trends in IT Lab Science Elective Open Elective CST 123 T Sewenth Semester Sem./Yr. Grade T IT 351 Inform. Systems Intern. IT 410 Database Design AC/BA/MC Elective (200+) Global Perspectives Elect Option* T Open Elective CST 123 T Open Elective CST 143 T Fourth Year Seventh Semester Sem./Yr. Grade IT 481 Proj. Management Tech. AC/BA/MC Elective (200+) IT Elective CST 103 T AC/BA/MC Elective (200+) IT Elective CST 103 T AC/BA/MC Elective (200+) IT Elective (300+) CST 162 T IT Elective (300+) CST 251 T					MS 251 Discrete Mathematics		
IT 305 Workflow Management CST 256 T IT 351 Inform. Systems Intern. IT 321 Sys. Analysis & Design CST 203 T IT 410 Database Design IT 471 Current Trends in IT Lab Science Elective PHY 108 T Global Perspectives Elect Option* T Open Elective CST 123 T Open Elective CST 143 T Seventh Semester Sem./Yr. Grade Eighth Semester Sem./Yr. Grade IT 481 Proj. Management Tech. AC/BA/MC Elective (200+) IT Elective (300+) CST 103 T AC/BA/MC Elective (200+) IT Elective (300+) CST 162 T IT Elective (300+) CST 251 T				<u>Thir</u>	<u>rd Year</u>		
IT 321 Sys. Analysis & Design	Fifth Se	mester	Sem./Yr.	Grade	Sixth Semester	Sem./Yr.	Grade
AC/BA/MC Elective (200+) Lab Science Elective PHY 108 T Global Perspectives Elect Option* T Open Elective CST 123 T Open Elective CST 143 T Seventh Semester Sem./Yr. Grade Eighth Semester Sem./Yr. Grade IT 481 Proj. Management Tech. AC/BA/MC Elective (200+) IT Elective (200+) IT Elective (300+) CST 162 T IT Elective (300+) AC/BA/MC Elective (200+) IT Elective (300+) CST 251 T	IT 305	Workflow Management	CST 256	T	IT 351 Inform. Systems Intern.		
Lab Science Elective PHY 108 T Global Perspectives Elect Option* T Open Elective CST 123 T Open Elective CST 143 T Fourth Year Seventh Semester Sem./Yr. Grade Eighth Semester Sem./Yr. Grade IT 481 Proj. Management Tech. AC/BA/MC Elective (200+) IT Elective CST 103 T AC/BA/MC Elective (200+) IT Elective (300+) CST 162 T IT Elective (300+) CST 251 T	IT 321	Sys. Analysis & Design	CST 203	T	IT 410 Database Design		
Open Elective CST 123 T Open Elective CST 143 T Fourth Year Seventh Semester Sem./Yr. Grade Eighth Semester Sem./Yr. Grade IT 481 Proj. Management Tech. IT 431 Theory & Pract. in IT Security Theory & Pract. in IT Security IT Flective IT 482 IT Project Development IT Flective (200+) IT Elective (200+) IT Elective (300+) IT Elective (300+) CST 251 T	IT 471	Current Trends in IT			AC/BA/MC Elective (200+)		
Fourth YearSeventh SemesterSem./Yr.GradeEighth SemesterSem./Yr.GradeIT 481Proj. Management Tech.IT 431Theory & Pract. in IT SecurityAC/BA/MC Elective (200+)IT 482IT Project DevelopmentIT ElectiveCST 103TAC/BA/MC Elective (200+)IT Elective (300+)CST 162TIT Elective (300+)CST 251		_ Lab Science Elective	PHY 108	T	Global Perspectives Elect	Option*	T
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AC/BA/MC Elective (200+) IT 482 IT Project Development IT Elective CST 103 T AC/BA/MC Elective (200+) IT Elective (300+) CST 162 T IT Elective (300+) CST 251 T	Seventl	n Semester	Sem./Yr.	Grade	Eighth Semester	Sem./Yr.	Grade
IT Elective CST 103 T AC/BA/MC Elective (200+) IT Elective (300+) CST 162 T IT Elective (300+) CST 251 T	IT 481	Proj. Management Tech.			-		
IT Elective (300+) CST 162 T IT Elective (300+) CST 251 T		AC/BA/MC Elective (200+)			IT 482 IT Project Development		
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Open Elective CST 124 T Open Elective CST 254 T		IT Elective (300+)	CST 162	T	IT Elective (300+)	CST 251	T
		Open Elective	CST 124	T	Open Elective	CST 254	T

*Only electives applicable to the BS Integrated Technology-Software Development degree have been listed as options

Candidates for the Bachelor of Science degree are required to complete a minimum of 121 semester hours with a 2.0 overall cumulative grade point average and a 2.0 overall in their major classes. Transfer students must complete a minimum of thirty (30) credit hours at Husson. At least fifteen (15) credits must be earned in Husson IT courses.