WEB AND MOBILE DEVELOPMENT SPECIALTY CANNOT BE COMPLETED ONLINE

WEB AND MOBILE DEVELOPMENT SPECIALTY CANNOT BE COMPLETED ONLINE			(Classes taken at Henry Ford Community College to complete			
Foundations of Ex	xcellence	27-28 credits	Henry Ford Co	mmunity College	Transfer Credit	Davenport Credit
ACES100	Achieving Career and Education Success or	3	CIS-100	Introduction to Computer Info Technology	3	
COMM120	(if exempt) Open Elective ¹ Presentation Techniques	3				3
ENGL109	Composition	3	ENG-131	Composition	3	3
			ENG-131 OR	College Writing & Research OR		
ENGL110	Advanced Composition	3	ENG-135	Business and Technical Writing	3	
ENGL311	Professional Writing	3				3
MATH140 or	Finite Mathematics or	3				3
MATH215 SOSC201	Calculus I (4 cr) Diversity in Society	3	#SOC-251	Ethnic and Racial Diversity in Society	3	
SOSC301	Globalization and World Diversity	3	#30C-231	Ethnic and Raciai Diversity in Society	3	3
STAT220	Introduction to Statistics	3				3
Foundations of Bu	lucinese	9 credits	Honey Ford Co	mmunity College	Transfer	Davenport
		y credits	Hemy Ford Co.	T	Credit	Credit
ACCT200 or ACCT201	Accounting Basics for Managers (recommended) or Accounting Foundations (4 cr)	3				3
BUSN210	Professional Ethics	3				3
MGMT211	Management Foundations	3				3
Foundations of Co	omputer Information Systems	21 credits	Henry Ford Co	mmunity College	Transfer	Davenport
			<u> </u>		Credit	Credit
CISP111	Requirements Planning and Development	3 3	CIS-220 CIS-111	Systems Analysis and Design	3	
CISP247	Database Design	-	CIS-111	SQL for Database Development	3	2
DATA275 MATH250	Introduction to Data Analytics Discrete Structures	3 3				3
CSCI231	Introduction to Programming	3	CIS-125	Principals of Programming Logic	4	3
GPMT287	Principles of Project Management	3	C15 125	- morphis of Frogramming Logic		3
Choose one of the						
CSCI232	Object-Oriented Programming with C++	1	#CIS-230 OR	C++ Programming OR	3	
CSCI234	Object-Oriented Programming with C#		ļ	C# Programming (4 credit hours) OR		
CSCI239	Object-Oriented Programming with Java		#CIS-271	Advanced Java (4 credit hours)		
Major		45 credits	Henry Ford Co	mmunity College	Transfer	Davenport
•			220223 2 02 00	I	Credit	Credit
CISP211 CISP220	E-Business Technologies Web Page Applications	3 3	CIS-122	Web Internet Technologies	3	3
	Web Page Applications	3	#CIS-122 OR	Active Server Pages.Net Programming OR		
CISP238	Server Side Scripting I	3	#CIS-222	Web Database Development with PHP	3	
CISP309	Database Systems	3				3
CISP340	Mobile Application Development I	3				3
CSCI312	Data Structures and Algorithms	3				3
CSCI342	Advanced Object-Oriented Programming	3				3
CISP401	Systems Analysis and Design	3				3
CISP490* or TECH489*	Computer Information Systems Internship or Field Experience in Technology	3				3
TECH497	College of Technology Capstone	3				3
Choose one of the	following specialty areas:					15
Database and Ana		(15 credits)				
CISP325	Systems Analysis and Design	3				
CISP446	Systems Integration	3				
CSCI280	Distributed Architectures	3				
CSCI420	Operating Systems	3				
STAT322	Inferential Statistics	3				
Programming Spo		(15 credits)				
CISP410	Systems Integration	3				
CSCI420	Distributed Architectures	3				
CSCI430	Operating Systems edits) of the following not completed in Foundations:	3				
CSCI232	Object-Oriented Programming with C++	3				
CSCI232 CSCI234	Object-Oriented Programming with C#	3		1		
CSCI234 CSCI239	Object-Oriented Programming with C#	3	 			
	Development Specialty [SSDS]	(15 credits)				
CSCI260	Software Engineering	3				
CSCI360	Software Analysis and Design	3				
CSCI460	Secure Software Evaluation and Testing	3				
IAAS221	Security Foundations	3				
IAAS482	Vulnerability Assessment	3				
	Development Specialty	(15 credits)				
BITS301	Image Editing Applications	3				
CISP303	Web Development	3	[SUB] CIS-123	Web Pages	2	
CISP310	Server Side Scripting II	3		1		
CISP316	Web Design	3				
CISP341	Mobile Application Development II	3			Tronge	Down
Open Electives ¹		17-18 credits	Henry Ford Co	mmunity College	Transfer Credit	Davenport Credit
				Courses Remaining in Program	27	
	TO	TAL CREDIT H	OURS		Transfer	Davenport
// B 2 -					Credit	Credit
# Preferred Course			la acti. C 1	122	Minimum	Minimum
*Either CISP490 a	or TECH489 must be completed unless the experiential lear hnology substitution must be chosen if the experiential com		s satisfied.	132 credits to complete	60	72
A -		nonant is		24 DU courses to complete		

completed within a required course in the major.

(Classes taken at Henry Ford Community College to complete associate degree are in

(GAMING AND SIMULATION SPECIALTY / CANNOT BE COMPLETED ONLINE)			(Classes taken	at Henry Ford Community College to comp		
Foundations of Excellence		43 credits	Henry Ford Community College		Transfer Credit	Davenport Credit
ACES100	Achieving Career and Education Success or	3	CIS-100	Introduction to Computer Info Technology	3	
	(if exempt) Open Elective ¹ Professional Ethics			2.7		2
		3				3
	Presentation Techniques Composition	3	ENG-131	Composition	3	3
	•		ENG-131 ENG-132 OR	College Writing & Research OR		
ENGL110	Advanced Composition	3	ENG-135	Business and Technical Writing	3	
ENGL311	Professional Writing	3				3
MATH205**	Applied Linear Algebra	4	#MATH-283	Linear Algebra	3	
	Calculus I	4				4
MATH350**	Differential Equations with Modeling	4				4
PHYS100 and PHYS100L	Applied Physics and Applied Physics Lab	3				3
	Fundamentals of Physics I and Fundamentals of Physics I Lab	4				4
	Diversity in Society	3	#SOC-251	Ethnic and Racial Diversity in Society	3	
SOSC301	Globalization and World Diversity	3				3
Foundations of Co	omputer Science	18 credits	Henry Ford Co	ommunity College	Transfer Credit	Davenpor Credit
CISP111	Requirements Planning and Development	3	CIS-220	Systems Analysis and Design	3	
	Database Design	3	CIS-111	SQL for Database Development	3	
CSCI231	Introduction to Programming	3	CIS-125	Principals of Programming Logic	4	
CSCI234	Object-Oriented Programming with C#	3	#CIS-232	C# Programming	4	
NETW220	Data Communications and Networking	3				3
MATH250**	Discrete Structures	3				3
Major		51 credits	Henry Ford Co	ommunity College	Transfer Credit	Davenpor Credit
CSCI222	Biometric Fundamentals	3			O T C G T C	3
CSCI258	Introduction to Game Design	3				3
	Software Engineering	3				3
CSCI268	Assembly Language and Computer Architecture	3				3
CSCI280	Artificial Intelligence	3				3
CSCI312	Data Structures and Algorithms	3				3
CSCI380	Computer Vision	3				3
CSCI420	Parallel and Distributed Systems	3				3
CSCI430	Operating Systems	3				3
CSCI436	Concepts of Programming Languages	3				3
	Security Foundation	3	#CIS-280	Information Assurance and Security	4	
	Computer Science Internship or	3				3
	Field Experience in Technology					
	Computer Science Capstone	3 12 credits				3 12
Artificial Intellige	following specialty areas:	(12 credits)				12
	Deep Learning	3				
	Pattern Recognition	3				
	Design and Analysis Algorithms	3				
	Special Topics: Advances in Biometrics	3				
	y and Algorithms Specialty [CAAS]	(12 credits)		<u> </u>		
	Deep Learning	3		1		
	Introduction to Modeling and Simulation	3				
	Design and Analysis of Algorithms	3				
	Automata Theory and Compiler Design	3	1			
Gaming and Simu	, 1	(12 credits)	1			
	2D Game Development	3				
	3D Game Development	3				
	Introduction to Modeling and Simulation	3				
CSCI448	Collaborative Game Development	3				
Open Electives ¹		8 credits	Henry Ford Co	ommunity College	Transfer Credit	Davenpor Credit
Mathematics N	Minor [MTHM]** (Additional courses required beyond foundations)			Remaining Courses in Program	27	
MATH216	Calculus II	4				
	Calculus III	4				
	тот	AL CREDIT H	OURS		Transfer Credit	Davenpor Credit
# Preferred Course	e				Minimum	Minimun
*Either CISP490 o	or TECH489 must be completed unless the experiential learning	ng component is	satisfied.	141 credits to complete	60	81
1	hnology substitution must be chosen if the experiential compo	nantis aammlata	d within a	26 DU courses to complete		

^{*}Either CISP490 or TECH489 must be completed unless the experiential learning component is satisfied. An upper level technology substitution must be chosen if the experiential component is completed within a required course in the major.

26 DU courses to complete

¹See "Guide to Electives" for list of choices in the 2019-2020 undergraduate catalog.

 $^{**}Consider\ adding\ the\ Mathematics\ Minor\ [MTHM]\ with\ this\ program.$

(Classes taken at Henry Ford Community College to complete associate degree are

			(Classes taken	lete associa	te degree ar	
Foundations of Excellence		30-31 credits	Henry Ford Community College		Transfer Credit	Davenport Credit
ACES100	Achieving Career and Education Success or	3	CIS-100	Introduction to Computer Info Technology	3	010010
COMM120	(if exempt) Open Elective					2
	Presentation Techniques Composition	3	ENG 121	0 12	2	3
ENGL109	Composition	3	ENG-131 ENG-132 OR	Composition College Writing & Research OR	3	-
ENGL110	Advanced Composition	3	ENG-135 OK	Business and Technical Writing	3	
ENGL311	Professional Writing	3				3
MATH135 or	College Algebra or		#MATH-115	College Algebra OR		
MATH150 or	Pre-Calculus or	3-4	OR #MATH- 175 OR	Pre-Calculus (5 credit hours) OR	5	
MATH215**	Calculus I		#MATH-180	Calculus I (5 credit hours)		
SOSC201	Diversity in Society	3				3
SOSC301	Globalization and World Diversity	3				3
STAT220	Introduction to Statistics	3				3
	Science Elective ¹	3				3
Foundations of B	Business	9-10 credits	Henry Ford Co	ommunity College	Transfer	Davenport
ACCT200 or	Accounting Basics for Managers or	2.4			Credit	Credit
ACCT201	Accounting Foundations I	3-4				3
BUSN210	Professional Ethics	3				3
MGMT211	Management Foundations	3				3
Foundations of C	Cyber Defense	15 credits	Henry Ford Co	ommunity College	Transfer Credit	Davenport Credit
BITS211	Microcomputer Applications: Spreadsheet	3			Crear	3
CISP247	Database Design	3				3
GPMT287	Principles of Project Management	3				3
IAAS221	Security Foundations	3	CIS-280 OR	Information Assurance and Security OR	4	
	•		CNT260	Network Security		
NETW101	PC Operating Systems	3	CIS-158	A+: Operating Systems	4 Transfer	Davenport
Major		45 credits	Henry Ford Co	ommunity College	Credit	Credit
CISP253	Perl/Python Programming	3				3
IAAS256	Windows Digital Forensics	3				3
IAAS481	Information Security and Assurance	3				3
IAAS492	Legal/Ethical Issues in Information Assurance	3				3
NETW141	MS Client and Server OS	3	CIS-124	Introduction to Windows Server Admin	3	
NETW151 or NETW220	Cisco Networking Fundamentals or Data Communications and Networks	3	CNT-110 OR CIS-112	CCNA: Networking I (4 credit hours)OR Introduction to Networking	3	
NETW217	UNIX Operating System	3	CIS-112 CIS-129	Introduction to UNIX with Shell Scripting	4	
NETW235	UNIX/Linux Server Administration	3	CIS-229	UNIX System Administration	4	
NETW241	MS Implement Network Infrastructure	3	0.15 22)	er ar bystem rammstation		3
NTW490* or	Networking Internship or					
TECH489*	Field Experience in Technology	3				3
TECH497	College of Technology Capstone	3				3
	e following specialty areas:	(12 credits)				12
	urance Specialty [IASP]	(12 credits)				
IAAS245	Disaster Recovery	3				<u> </u>
IAAS332	Authentication and Audits	3				1
IAAS491	Cryptography Windows Naturalization and Samuita	3				-
NETW325	Wireless Networking and Security	(12 1:(1)				
	Privacy, Security, and Training in Health Information	(12 credits)			-	1
HINT340	Management	3				
HINT350	Clinical Information Systems	3				
HINT400	Management Information Systems	3				
HLTH210	Health Care Organizations and Systems	3				
Open Electives ¹		19-21 credits	Henry Ford Co	ommunity College	Transfer Credit	Davenport Credit
				Courses Remaining in Program	26	Credit
					Transfer	Dovonnová
	TO	TAL CREDIT H	OURS		Credit	Davenport Credit
# Preferred Cour.					Minimum	
· ·		ning		131 credits to complete		Minimum 69

An upper level technology substitution must be chosen if the experiential component is completed within a required course in the major.

¹See "Guide to Electives" for list of choices in the 2019-2020 undergraduate catalog.

^{**}Consider adding the Mathematics Minor [MTHM] with this program.

(Classes taken at Henry Ford Community College to complete associate degree are

((Classes taken at Henry Ford Community College to comp		ilete associa	te degree ar	
Foundations of Excellence		30-31 credits	Henry Ford Community College		Transfer Credit	Davenpor Credit
ACES100	Achieving Career and Education Success or	3	CIS-100	Introduction to Computer Info Technology	3	
COMM120	(if exempt) Open Elective Presentation Techniques	3				3
ENGL109	Composition	3	ENG-131	Composition	3	3
	-		ENG-132 OR	College Writing & Research OR		
ENGL110	Advanced Composition	3	ENG-135	Business and Technical Writing	3	
ENGL311	Professional Writing	3				3
MATH135 or	College Algebra or		#MATH-115 OR #MATH-	College Algebra OR		
MATH150 or	Pre-Calculus or	3-4	175 OR	Pre-Calculus (5 credit hours) OR	5	
MATH215**	Calculus I		#MATH-180	Calculus I (5 credit hours)		
SOSC201	Diversity in Society	3	#SOC-251	Ethnic and Racial Diversity in Society	3	
SOSC301	Globalization and World Diversity	3				3
STAT220	Introduction to Statistics	3				3
	Science Elective ¹	3			TD 6	3
Foundations of B	susiness	9-10 credits	Henry Ford Co	ommunity College	Transfer Credit	Davenport Credit
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	3-4				3
BUSN210	Professional Ethics	3				3
MGMT211	Management Foundations	3				3
Foundations of C		15 credits	Henry Ford Co	ommunity College	Transfer	Davenport
BITS211	Microcomputer Applications: Spreadsheet	3	Tiemy Toru Co	- Conege	Credit	Credit 3
CISP247	Database Design	3				3
GPMT287	Principles of Project Management	3	CIS-272	Project Management	4	3
			CIS-280 OR	Information Assurance and Security OR		
IAAS221	Security Foundations	3	CNT260	Network Security	4	
NETW101	PC Operating Systems	3	CIS-158	A+: Operating Systems	4 Tuonafan	Davenport
Major		45 credits	Henry Ford Co	ommunity College	Credit	Credit
CISP253	Perl/Python Programming	3				3
IAAS256	Windows Digital Forensics	3				3
IAAS481	Information Security and Assurance	3				3
IAAS492	Legal/Ethical Issues in Information Assurance	3				3
NETW141	MS Client and Server OS	3	CIS-124	Introduction to Windows Server Admin	3	
NETW151 or NETW220	Cisco Networking Fundamentals or Data Communications and Networks	3	CNT-110 OR CIS-112	CCNA: Networking I (4 credit hours)OR Introduction to Networking	3	
NETW217	UNIX Operating System	3	#CIS-129	Introduction to UNIX with Shell Scripting	4	
NETW235	UNIX/Linux Server Administration	3	#CIS-229	UNIX System Administration	4	
NETW241	MS Implement Network Infrastructure	3				3
NTW490* or	Networking Internship or	3				3
TECH489*	Field Experience in Technology					
TECH497	College of Technology Capstone	(12 ana lita)	-			3
	e following specialty areas: urance Specialty [IASP]	(12 credits)	-			12
IAAS245	Disaster Recovery	3				
IAAS332	Authentication and Audits	3				
IAAS491	Cryptography	3				
NETW325	Wireless Networking and Security	3			<u> </u>	
	ormation and Assurance Specialty [HIAS]	(12 credits)				
HINT340	Privacy, Security, and Training in Health Information Management	3				
HINT350	Clinical Information Systems	3	+	<u> </u>	 	
HINT400	Management Information Systems	3				
HLTH210	Health Care Organizations and Systems	3				
Open Electives ¹		19-21 credits	Henry Ford Co	Henry Ford Community College		Davenport Credit
				Courses Remaining in Program	Credit 17	Credit
					Transfer	Davenport
	TO	OTAL CREDIT H	OURS		Credit	Credit
# Preferred Cours	se				Minimum	Minimum
	or TECH489 must be completed unless the experiential lear	ning		123 credits to complete	60	63
component is satis	sfied.			21 DU courses to complete		

An upper level technology substitution must be chosen if the experiential component is completed within a required course in the major.

¹See "Guide to Electives" for list of choices in the 2019-2020 undergraduate catalog.

^{**}Consider adding the Mathematics Minor [MTHM] with this program.

Digital Forensics BS DIGT FOR BS 120 credits

Associate in Applied Science Computer Information Systems - Information Assurance Networking Track

CANNOT BE COM	IPLETED ONLINE)	(Classes lakel)	ete associate	degree are		
	oundations of Excellence		Henry Ford Community College		Transfer Credit	Davenpor Credit
ACES100	Achieving Career and Education Success or	3	CIS-100	Introduction to Computer Info Technology	3	
COMM120	(if exempt) Open Elective ¹ Presentation Techniques	3				3
ENGL109	Composition	3	ENG-131	Composition	3	3
	•		ENG-131 ENG-132 OR	College Writing & Research OR		
ENGL110	Advanced Composition	3	ENG-135	Business and Technical Writing	3	
ENGL311	Professional Writing	3				3
MATH135 or	College Algebra or		#MATH-115	College Algebra OR		
MATH150 or	Pre-Calculus or	3-4	OR #MATH-	Pre-Calculus (5 credit hours) OR	5	
MATH215	Calculus I		175 OR #MATH-180	Calculus I (5 credit hours)		
SOSC201	Diversity in Society	3	#SOC-251	Ethnic and Racial Diversity in Society	3	
SOSC301	Globalization and World Diversity	3				3
STAT220	Introduction to Statistics	3				3
	Science Elective ¹	3				3
Foundations of H		9-10 credits	Honry Ford C	ommunity College	Transfer	Davenpor
		y-10 credits	Tiemy Foru C	T	Credit	Credit
ACCT200 or ACCT201	Accounting Basics for Managers or Accounting Foundations I	3 or 4				3
BUSN210	Professional Ethics	3				3
MGMT211	Management Foundations	3				3
			н г ю	* C !!	Transfer	Davenpor
	Digital Forensics	21 credits	Henry Ford C	ommunity College	Credit	Credit
BITS211	Microcomputer Applications: Spreadsheet	3				3
CISP247	Database Design	3				3
GPMT287	Principles of Project Management	3	CIS-272	Project Management	4	
AAS221	Security Foundations	3	CIS-280 OR CNT-260	Information Assurance and Security OR Network Security	4	
NETW101	PC Operating Systems	3	CIS-158	A+: Operating Systems	4	
NETW141	MS Client and Server OS	3	CIS-124	Introduction to Windows Server Admin	3	
NETW217	UNIX Operating System	3	#CIS-129	Introduction to UNIX with Shell Scripting	4	
Major	1 0 3	45 credits	Henry Ford Community College		Transfer Credit	Davenpoi Credit
CISP253	Perl/Python Scripting	3				3
IAAS256	Windows Digital Forensics	3				3
IAAS345	Linux/MAC Forensics	3				3
IAAS355	Network Forensics	3				3
IAAS370	Mobile Device Forensics	3				3
IAAS375	File Systems/Operating Systems/Data Recovery	3				3
IAAS420	Reverse Engineering Malware	3				3
AAS450	Advanced Topics in Digital Forensics	3				3
AAS460	Digital Forensics Analysis and Report Writing EL	3				3
IAAS487	Internet/Email/Electronic Discovery	3				3
LEGL300	Evidence and Criminal Procedure	3				3
NETW151 or	Cisco Networking Fundamentals or	3	CNT-110 OR	CCNA: Networking I (4 credit hours) OR	3	
		Ī	CIS-112	Introduction to Networking		
NETW220	Data Communications and Networks	2		A Hardware	4	
NETW220 NETW201	PC Maintenance and Management	3	#CIS-157	A+ Hardware LINIX System Administration	4	
NETW220 NETW201 NETW235	PC Maintenance and Management UNIX/Linux Server Administration	3		A+ Hardware UNIX System Administration	4	3
NETW220 NETW201 NETW235 FECH497	PC Maintenance and Management	3 3	#CIS-157 #CIS-229	UNIX System Administration	4	3 Davenpool
NETW220 NETW201 NETW235 FECH497	PC Maintenance and Management UNIX/Linux Server Administration	3 3	#CIS-157 #CIS-229			
NETW220 NETW201 NETW235 FECH497 Open Electives ¹ Apply MATH125	PC Maintenance and Management UNIX/Linux Server Administration College of Technology Capstone 5 Intermediate Algebra (3 cr) here if required.	3 3	#CIS-157 #CIS-229	UNIX System Administration	4 Transfer	Davenpo
NETW220 NETW201 NETW235 FECH497 Open Electives ¹ Apply MATH125 Recommended E	PC Maintenance and Management UNIX/Linux Server Administration College of Technology Capstone Intermediate Algebra (3 cr) here if required. Electives:	3 3 13-15 credits	#CIS-157 #CIS-229	UNIX System Administration community College	4 Transfer Credit	Davenpo
NETW220 NETW201 NETW235 FECH497 Open Electives¹ Apply MATH125 Recommended E	PC Maintenance and Management UNIX/Linux Server Administration College of Technology Capstone 5 Intermediate Algebra (3 cr) here if required. Electives: Information Assurance and Security Internship	3 3 13-15 credits	#CIS-157 #CIS-229	UNIX System Administration community College	4 Transfer Credit	Davenpo
NETW220 NETW201 NETW235 FECH497 Open Electives Apply MATH125 Recommended E IAAS490 MATH140	PC Maintenance and Management UNIX/Linux Server Administration College of Technology Capstone Intermediate Algebra (3 cr) here if required. Electives: Information Assurance and Security Internship Finite Mathematics	3 13-15 credits	#CIS-157 #CIS-229	UNIX System Administration community College	4 Transfer Credit	Davenpo
NETW220 NETW201 NETW235 FECH497 Open Electives¹ Apply MATH125 Recommended E	PC Maintenance and Management UNIX/Linux Server Administration College of Technology Capstone 5 Intermediate Algebra (3 cr) here if required. Electives: Information Assurance and Security Internship	3 3 13-15 credits	#CIS-157 #CIS-229	UNIX System Administration community College	Transfer Credit 13	Davenpo
NETW220 NETW201 NETW235 TECH497 Open Electives Apply MATH125 Recommended E AAS490 MATH140 STAT322	PC Maintenance and Management UNIX/Linux Server Administration College of Technology Capstone 5 Intermediate Algebra (3 cr) here if required. Electives: Information Assurance and Security Internship Finite Mathematics Inferential Statistics TOT	3 13-15 credits	#CIS-157 #CIS-229 Henry Ford C	UNIX System Administration community College	Transfer Credit 13 Transfer Credit	Davenpo Credit Davenpo Credit
NETW220 NETW201 NETW235 FECH497 Open Electives¹ Apply MATH125 Recommended E AAS490 MATH140 STAT322	PC Maintenance and Management UNIX/Linux Server Administration College of Technology Capstone 5 Intermediate Algebra (3 cr) here if required. Electives: Information Assurance and Security Internship Finite Mathematics Inferential Statistics TOT	3 3 13-15 credits 3 3 3 7AL CREDIT H	#CIS-157 #CIS-229 Henry Ford C	UNIX System Administration community College	Transfer Credit 13 Transfer	Davenpoo

(CANNOT BE COMPLETED ONLINE)

(Classes taken at Henry Ford Community College to complete associate degree are

Credit Aphiesing Career and Education Success or	(CANNOT BE COM	,			at Herry Ford Community Conege to comp	Transfer	Davenport
ACLISIO	Foundations of I	Excellence	30-31 credits	Henry Ford Co	ommunity College		Credit
Commontation Composition	ACES100	Achieving Career and Education Success or	2	CIS 100	Introduction to Computer Info Technology	2	
Second Composition 3 Case 31 Case 32 Case 32 Case 33 Case 33 Case 33 Case 33 Case 33 Case 34 C	ACES100	(if exempt) Open Elective ¹	3	CIS-100	introduction to Computer into Technology	3	
Property 10	COMM120	Presentation Techniques	3				3
Sex College Sex	ENGL109	Composition	3		1	3	
ENGLIST Professional Writing 3 No. 1 15 16 16 16 17 17 16 16 16	ENGL110	Advanced Composition	3			3	
MATH1130 or Callege Alagina or MATH130 or Callege Alagina or Cacledas 1		•		ENG-135	Business and Technical Writing		
MATH 190		· · · · · · · · · · · · · · · · · · ·	3	MATTIL 115 OD		 	3
MATTE 25** Calculus Society 3 SOC.251 Their and Reald Diversity in Society 3 SOC.251 Their and Society SOC.251 Their			3-4			5	
SINCE Disertity in Nucleary 3 SOC 251 Status and Read Diversity in Society 3 SOC 251 Status and Read Diversity in Society 3 STAT 220 Introduction to Statistics 5 3			3-4			3	
SONCYOL Globalization and World Diversity 3 5 5 5 5 5 5 5 5 5	SOSC201		3			3	
STATUZE Introduction to Stutistics 3	SOSC301		3				3
Science Elective	STAT220	•	3				3
Poundations of Rusiness		Science Elective ¹					3
ACCT201	- I d a					Transfer	Davenpor
ACCT-201 Accounting Foundations 3	Foundations of I	Business	9-10 credits	Henry Ford Co	ommunity College		Credit
MCCT201 Accounting Foundations		_	3 or 4				3
Montemark Security						<u> </u>	
British							3
Frondations of Networking Henry Ford Community College Credit Strictions	MGMT211	Management Foundations	3				3
BITS211	Foundations of I	Networking	18 credits	Henry Ford Co	ommunity College		Davenpor Credit
APPLY Principles of Project Management 3	BITS211	Microcomputer Applications: Spreadsheet	3		I	Credit	3
NETW101		* ** *					3
NETW141 MS Client and Server OS 3 CIS-124 Introduction to Windows Server Admin 3		1 0		#CIS 158	A+: Operating Systems	4	
NETW201 PC Maintenance and Management 3 ECIS-157 A- Hardware 4							
NETW217 UNIX Operating Systems 3 CIS-129 Introduction to UNIX with Shell Scripting 4				<u> </u>			
Major				+			
Major		ONA Operating Systems			1 0		Davenpor
NETW151 Cisco Networking Fundamentals 3 8CNT-110 Networking I 4	Major		48-49 credits	Henry Ford Co	ommunity College		Credit
NETW152 Cisco Routing and Switching 3 CNT-120 Networking II 4	IAAS224	Implementing Network Security	3	#CNT-260	Network Security	4	
NETW241 MS Implement Network Infrastructure 3	NETW151	Cisco Networking Fundamentals	3	#CNT-110	Networking I	4	
NETW251 Cisco Scaling Networks 3 CNT-210 Networking III 4	NETW152	Cisco Routing and Switching	3	CNT-120	Networking II	4	
NETW251 Cisco Scaling Networks 3 CNT-210 Networking III 4	NETW241		3				3
NETW252 Cisco Connecting Networks 3 CNT-220 Networking IV 4	NETW251	-	3	CNT-210	Networking III	4	
NETW325 Wireless Networking and Security 3 CIS-242 Voice Over IP (VoIP) 2 2			3	<u> </u>		4	
NETW426 PTelephony 3 CIS-242 Voice Over IP (VoIP) 2 NETW440 Network Design and Management 3		-			5		3
Network Network Design and Management 3				CIS-242	Voice Over IP (VoIP)	2.	
Networking Internship or Field Experience in Technology 3					() 322 () 322 ()		3
TECH489* Field Experience in Technology 3							
Choose one of the Following specialty areas:			3				3
Advanced Cisco Networking Specialty [ACNS] (16 credits) <	TECH497	College of Technology Capstone	3				3
NETW311 Cisco Networking Advanced Routing 4	Choose one of the	e following specialty areas:	(15-16 credits)				15
NETW312	Advanced Cisco	Networking Specialty [ACNS]	(16 credits)				
NETW411	NETW311	Cisco Networking Advanced Routing	4				
NETW412 Cisco Networking Optimize WANs 4	NETW312	Cisco Networking Secure WANs	4				
Network Security Specialty [NWSS] (15 credits)	NETW411	Cisco Networking Advanced Switching	4				
Network Security Specialty [NWSS] (15 credits)	NETW412	Cisco Networking Optimize WANs	4				
IAAS245 Disaster Recovery 3	Network Securit		(15 credits)				
IAAS321 Securing the Infrastructure 3 IAAS322 Network Defense/Countermeasure 3 IAAS481 Information Security and Assurance 3 IAAS482 Vulnerability Assessment 3 Server Administration Specialty [SADS] (15 credits) IAS482 Vulnerability Assessment 3 IAAS482 Vulnerab							
IAAS322 Network Defense/Countermeasure 3		•				<u> </u>	
IAAS481 Information Security and Assurance 3 IAAS482 Vulnerability Assessment 3 Server Administration Specialty [SADS] (15 credits) NETW235 UNIX Linux Server Administration 3 NETW243 MS Administer SQL Server 3 NETW341 MS Plan and Implement Active Directory 3 NETW350 Configuring MS Exchange Server 3 NETW435 Virtualization 3 Configuring MS Exchange Server 3 NETW435 Virtualization 3 Configuring MS Exchange Server 12-15 credits Henry Ford Community College Credit Courses Remaining in Program 13 Courses Remaining in Program 13				<u> </u>			
IAAS482 Vulnerability Assessment 3 Server Administration Specialty [SADS] (15 credits) NETW235 UNIX Linux Server Administration 3 NETW243 MS Administer SQL Server 3 NETW341 MS Plan and Implement Active Directory 3 NETW350 Configuring MS Exchange Server 3 NETW435 Virtualization 3 Transfer Credit Courses Remaining in Program 13 Open Electives Courses Remaining in Program 13 TOTAL CREDIT HOURS TOTAL CREDIT HOURS							
Server Administration Specialty [SADS] (15 credits) NETW235 UNIX Linux Server Administration 3		· · · · · · · · · · · · · · · · · · ·					
NETW235 UNIX Linux Server Administration 3 NETW243 MS Administer SQL Server 3 NETW341 MS Plan and Implement Active Directory 3 NETW350 Configuring MS Exchange Server 3 NETW435 Virtualization 3 Transfer Credit Courses Remaining in Program 13 Transfer Credit Courses Remaining in Program 13 Transfer Day Courses Remaining in Program 13 Day Courses Remaining in Program 13 Day Courses Remaining in Program 13 Day Courses Remaining in Program Day Courses Remaining i		!			 		
NETW243 MS Administer SQL Server 3 SINETW341 MS Plan and Implement Active Directory 3 SINETW350 Configuring MS Exchange Server 3 SINETW435 Virtualization 3 SINETW435 Virtualization 3 SINETW435 Virtualization 3 SINETW435 Courses Remaining in Program 13 SINETW435 SINE		<u> </u>	·		 		
NETW341 MS Plan and Implement Active Directory 3 NETW350 Configuring MS Exchange Server 3 NETW435 Virtualization 3 Open Electives¹ 12-15 credits Henry Ford Community College Credit Courses Remaining in Program 13 TOTAL CREDIT HOURS Transfer Da					 	 	
NETW350 Configuring MS Exchange Server 3 NETW435 Virtualization 3 Open Electives¹ 12-15 credits Henry Ford Community College Credit Courses Remaining in Program 13 TOTAL CREDIT HOURS Transfer Da		-					
NETW435 Virtualization 3 Open Electives¹ 12-15 credits Henry Ford Community College Credit Credit Courses Remaining in Program 13 TOTAL CREDIT HOURS Transfer Da						 	
Open Electives ¹ 12-15 credits Henry Ford Community College Courses Remaining in Program 13 Total Credit Date of Credit					1	 	
Open Electives T2-15 credits Henry Ford Community College Credit Courses Remaining in Program 13 TOTAL CREDIT HOURS Transfer Da		v ii tualizatiOII				Transfer	Davenpor
Courses Remaining in Program 13 TOTAL CREDIT HOURS Transfer Da	Open Electives ¹		12-15 credits	Henry Ford Co	ommunity College		Credit
TOTAL CREDIT HOURS Transfer Da					Courses Pamaining in Drogram		
TOTAL CREDIT HOURS					Courses Remaining in Frogram	13	
TOTAL CREDIT HOURS		1					
Credit							1 D
			TOTAL CREDIT HO	OURS			_
	// D. 2		TOTAL CREDIT HO	OURS		Credit	Credit
					107 1' 1	Credit Minimum	Credit Minimum
learning component is satisfied. An upper level technology substitution must be chosen 19 DU courses to complete		90 or TECH489 must be completed unless the exp	periential learning comp		127 credits to complete	Credit	Davenport Credit Minimum 60

if the experiential component is completed within a required course in the major.

^{**}Consider adding the Mathematics Minor [MTHM] with this program.

¹See "Guide to Electives" for list of choices in the 2019-2020 undergraduate catalog.

GPMT490

MGMT375

TECH 497

BUSN225

GPMT290

GPMT499

SABR381

Choose one of the following: Foreign Language Elective

Project Management Internship

Leadership Theory and Discovery

College of Technology Capstone

Project Management Internship

Certified Project Management Professional

International Business

Study Abroad Experience

Preparation

(Classes taken at Henry Ford Community College to complete associate degree a (NETWORKING SPECIALTY [NTS] / CANNOT BE COMPLETED ONLINE) Transfer Davenport **Foundations of Excellence** 33-35 credits **Henry Ford Community College** Credit Credit Achieving Career and Education Success or ACES100 CIS-100 3 3 Introduction to Computer Info Technology (if exempt) Open Elective¹ COMM120 Presentation Techniques 3 3 ENGL109 Composition 3 3 ENG-131 Composition College Writing & Research OR ENG-132 OR ENGL110 3 Advanced Composition 3 ENG-135 **Business and Technical Writing** ENGL311 Professional Writing 3 3 MATH125 Intermediate Algebra 3 Intermediate Algebra #MATH-110 4 #MATH-115 MATH135 or College Algebra or OR College Algebra OR 3-4 MATH150 Pre-Calculus MATH-175 Pre-calculus 5 SOSC201 #SOC-251 Ethnic and Racial Diversity in Society Diversity in Society 3 3 SOSC301 Globalization and World Diversity 3 3 STAT220 Introduction to Statistics 3 3 Choose one of the following: 3-4 3 MATH140 Finite Mathematics 3 MATH215 Calculus I 4 STAT322 Inferential Statistics 3 Transfer **Davenport** Foundations of Business 13 credits **Henry Ford Community College** Credit Credit ACCT201 Accounting Foundations I 4 4 BUSN210 Professional Ethics 3 3 LEGL210 **Business Law Foundations** 3 3 MGMT211 Management Foundations 3 Transfer **Davenport** Foundations of Technology 15 credits **Henry Ford Community College** Credit Credit 3 3 BITS211 Microcomputer Applications: Spreadsheet CIS-220 CISP111 Requirements Planning and Development 3 Systems Analysis and Design 3 DATA275 Introduction to Data Analytics 3 GPMT287 3 Principles of Project Management 3 IAAS221 Security Foundations 3 CIS-280 Information Assurance and Security Transfer **Davenport** Major 42-44 credits Henry Ford Community College Credit Credit GPMT385 Project Scheduling with Agile 3 GPMT400 3 Project Financial/Risk Analysis 3 GPMT410 3 Global Sourcing for Projects 3 GPMT446 Project Quality Management 3 3

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Choose 6 (six) elective courses from the list below [TPMS]						
or choose one of the following established specialty areas:						
Accounting Infor	rmation Systems Specialty [AISS]	(20 credits)				
ACCT202	Accounting Foundations II	4				
ACCT213	Cost Accounting	3				
ACCT220	Accounting Information Technology	3				
ACCT301	Intermediate Accounting I	4				
ACCT350	Accounting Information Systems	3				
FINC211	Corporate Finance	3				
Computer Inform	nation Systems Specialty [CISS]	(18 credits)				
CISP211	E-Business Technologies	3				
CISP247	Database Design	3				
CISP401	Systems Analysis and Design	3				
CSCI231	Introduction to Programming	3				
MATH250	Discrete Structures	3				
Choose one of the	e following:					
CSCI232	Object-Oriented Programming with C++	3				
CSCI234	Object-Oriented Programming with C#	3				
CSCI239	Object-Oriented Programming with Java	3				
Health Informati	ion Management Specialty [HIMS]	(18 credits)				
HINT110	Introduction to HIM	3				
HINT201	Health Information Technology	3				
HINT250	Introduction to Reimbursement Systems	3				
HINT350	Clinical Information Systems	3				
HINT400	Management Information Systems	3				
HLTH210	Health Care Organizations and Systems	3				
INTD101	Site Requested Internship Preparation	0				
Information Secu	urity Specialty [ISS]	(18 credits)				
	Database Design	3				
IAAS245	Disaster Recovery	3				
IAAS256	Windows Digital Forensics	3				
IAAS332	Authentication and Audits	3				
NETW101	PC Operating Systems	3				
NETW141	MS Client and Server OS	3				
Networking Spec	zialty [NTS]	(18 credits)				
NETW101	PC Operating Systems	3				
NETW141	MS Client and Server OS	3				
NETW151 or	Cisco Networking Fundamentals or	3				
NETW220	Data Communications and Networks	3				
NETW152 or	Cisco Routing and Switching or UNIX/Linux Server Administration or	2				
NETW235 or NETW241	MS Implement Network Infrastructure	3				
NETW217	UNIX Operating Systems	3				
NETW325	Wireless Networking and Security	3				
	used Technical Specialty [FTS]	(18 credits)		Specialty Credit	18	
	6 Technology Project Management major will	(10 0100105)		specially creat	10	
	f selecting the Professional Focused Technical					
_	ccessful graduate will complete 18 credits in a					
*	area. The 18 credits must be approved by the					
	Department Chair and/or the Associate Dean prior					
	courses applicable to the Professional Focused					
Technical Special						
	<u> </u>				Transfer	Davenport
Open Electives ¹		13-17 credits	Henry Ford Co	mmunity College	Credit	Credit
				Remaining Courses in Program	14	
TOTAL CREDIT HOURS						Davenport
// D 2		THE CREDIT HO			Credit	Credit
# Preferred Cours					Minimum	Minimum
ISee "Guide to El	lectives" for list of choices in the 2019-2020 undergrad	duate catalog.		121 credits to complete	60	61
20 DU courses to complete					I	