

Delaware County Community College Information Technology, Web Development Associate in Applied Science					
to					
Widener University Bachelor of Arts in Digital Media Informatics with a concentration in Audio-Visual, Graphics, Mobile, & Web Development, Gaming & Artificial Intelligence, or Digital Writing					
Effective for catalog term Fall 2016 and after					
DCCC			Widener University		
First Semester			First Semester		
ENG 100	English Composition I	3	ENGL 101	Composition and Critical Thought	3
CS 100	Intro to Information Technology	3	CSCI 101	Introduction to Personal Computers	3
CS 101	Intro to Computer Science	3	CSCI 151	Introduction to Computer Science I	4
	Any Diversity & Social Justice (DJ)/Global Understanding (GU)	3		Social Science Elective	3
MAT 135	Business Precalculus	3	MATH 117	Elementary Functions	3
		15			16
Second Semester			Second Semester		
ENG 112	English Composition II: Writing About Literature	3	ENGL 102	Literature and Critical Writing	3
IMM 120	Web Page Design and Development	3	COMS 266	Basic Web Design	3
IMM 110	Multimedia Graphics and Design	3	COMS 264	Layout and Design	3
	Scientific Inquiry (SI)	4		Science Elective	4
	Math Elective	3 - 4	MATH course	see list below	3-4
		16 - 17			16-17
Third Semester			Third Semester		
CS 207	Intro to Oracle SQL	4	CSCI 20A	200 Level Computer Science	3
CS 241	Mobile Web Development	3	CSCI 30A	Computer Science Technical Elective	3
NET 110	Network Communicatoin	3	CSCI 20B	200 Level Computer Science Elective	3
CS 141	Unix Operating Systems	3	CSCI 10A	100 Level Computer Science Elective	3
CS 214	jQuery/JavaScript	3	CSCI 20A	200 Level Computer Science Elective	3
		16			15
Fourth Semester			Fourth Semester		
NET 230	Network Operating Systems Concepts	4		Free Elective for DMI	3
CS 206	PHP/MySQL	3	CSCI 30B	Computer Science Technical Elective	3
CS 200/IMM 200	UX Design	3		Free Elective for DMI/DMI/COMS Concentration C	3
BUS 130	Business Communication	3	PRWR 215	Effective Communication	3
		13			12
	Total Credits	60-62		Total Credits:	59-60
Notes:					
Humanities, Social Science, Science Electives, MATH courses					
WU Humanities electives can be any courses from DCCC HIS, ENG, HUM, PHI;					
WU Social science elective can be any course from DCCC PSY, SOC, POL, ADJ.					
ENGL 101 and ENGL 102 are WU DMI curriculum requirements.					
DCCC's COMM courses are considered social sciences at WU and not humanities.					
WU Humanities electives can be any courses from DCCC HIS, ENG, HUM, PHI.					
DPR Courses	Widener University				
CS 206	CSCI 30A 300 Level Computer Science Technical Elective				
CS 213	CSCI 30A 300 Level Computer Science Technical Elective				
CS 214	CSCI 20A 200 Level Computer Science Elective				
CS 222	CSCI 20A 200 Level Computer Science Elective				
CS 224	CSCI 311 Mobile App Development (3)				
CS 234/CS 119	CSCI 30A 300 Level Computer Science Elective				
CS 236/CS 121	CSCI 371 Computer Graphics (3)				
CS 238/CS 117	SCCI 175 Intro to Game Design				
MATH COURSES					
DCCC Course	Widener University				
MAT 120	MATH 11A 100 Level Math Elective (3)				
MAT 121	MATH 114 Basic Concepts of Probability and Statistics (3)				
MAT 135	MATH 117 Elementary Functions (3)				
MAT 136	MATH 118 Elementary Calculus I (3)				
MAT 151	MATH 11A 100 Level Mathematics Elective (3)				
MAT 152	MATH 120 Precalculus (4)				

Delaware County Community College Information Technology, Game Development Associate in Applied Science					
to					
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Effective for catalog term Fall 2016 and after					
DCCC			Widener University		
First Semester			First Semester		
ENG 100	English Composition I	3	ENGL 101	Composition and Critical Thought	3
CS 100	Intro to Information Technology	3	CSCI 101	Introduction to Personal Computers	3
CS 101	Intro to Computer Science	3	CSCI 151	Introduction to Computer Science I	4
CS 117/CS 238	Fundamentals of Game Design Theory and Practice	3	CSCI 175	Introduction to Game Design	3
MAT 135	Business Precalculus	3	MATH 117	Elementary Functions	3-4
		15			16-17
Second Semester			Second Semester		
ENG 112	English Composition II: Writing About Literature	3	ENGL 102	Literature and Critical Writing	3
IMM 120	Web Page Design and Development	3	COMS 266	Basic Web Design	3
CS 118/CS 232	Game Creation Development	3	CSCI 375	Game Design and Programming	3
CS 110 or CS 104	Introduction to C++ or Introduction to Java Programming	3	CSCI 152	Introduction to Computer Science II	4
	Math Elective	3-4	MATH course	See list below	3-4
		15 - 16			16-17
Third Semester			Third Semester		
CS 119/CS 234	Introduction to Computer Game Programming	3	CSCI 30A	300 Level Computer Science Elective	3
IMM 201	Audio and Video for Multimedia	3	COMS 368	INTERACTIVE MEDIA	3
NET 110	Network Communications	3	CSCI 20B	200 Level Computer Science	3
CS 121/CS 234 or IMM 110	Game Art and Animation or Multimedia Graphics & Animation	3	CSCI 371/ COMS 264	Computer Graphics I / Layout and Design	3
CS 204 or CS 210	Intermediate Java Programming or Object Oriented Programming	3	CSCI 257/CSCI 20A	Object-Oriented Programming or 200 CS Elective	4-3
		15			15-16
Fourth Semester			Fourth Semester		
DPR 250	Digital Portfolio Development	3		Free Elective for DMI /COMS/DMI Concentration Course	3
Science	Any transferable Scientific Inquiry (SI) designated Science course	4		Science Elective	4
Humanities	Humanities elective	3		Humanities Elective	3
BUS 130	Business Communication	3	PRWR 215	Effective Communication	3
	Any transferable Diversity and Social Justice (DJ) and Global Understanding (GU) designated Social Science course	3		Social Science/Humanities Elective	3
		16			16
	<b>Total Credits</b>	<b>61-63</b>		<b>Total Credit</b>	<b>63-67</b>
<b>Notes:</b>					
<b>Humanities, Social Science, Science Electives, MATH course</b>					
WU Humanities electives can be any courses from DCCC HIS, ENG, HUM, PHI;					
WU Social science elective can be any course from DCCC PSY, SOC, POL, ADJ.					
ENGL 101 and ENGL 102 are WU DMI curriculum requirements.					
DCCC's COMM courses are considered social sciences at WU and not humanities.					
WU Humanities electives can be any courses from DCCC HIS, ENG, HUM, PHI.					
DPR Courses	Widener University				
CS 206	CSCI 30A 300 Level Computer Science Technical Elective				
CS 213	CSCI 30A 300 Level Computer Science Technical Elective				
CS 214	CSCI 20A 200 Level Computer Science Elective				
CS 222	CSCI 20A 200 Level Computer Science Elective				
CS 224	CSCI 311 Mobile App Development (3)				
CS 234 /CS 119	CSCI 30A 300 Level Computer Science Elective				
CS 236/CS 121	CSCI 371 Computer Graphics (3)				
CS 238/CS 117	CSCI 175 Intro to Game Design				
MATH COURSES					
DCCC Course	Widener University				
MAT 120	MATH 11A 100 Level Math Elective (3)				
MAT 121	MATH 114 Basic Concepts of Probability and Statistics (3)				
MAT 135	MATH 117 Elementary Functions (3)				
MAT 136	MATH 118 Elementary Calculus (3)				
MAT 151	MATH 11A 100 Level Mathematics Elective (3)				
MAT 152	MATH 120 Precalculus (4)				
MAT 160	MATH 141 Calculus I (4)				
MAT 161	MATH 142 Calculus II (4)				

Delaware County Community College Information Technology, Interactive Multimedia Associate in Applied Science					
to					
Widener University Bachelor of Arts in Digital Media Informatics with a concentration in Audio-Visual, Graphics, Mobile, & Web Development, Gaming & Artificial Intelligence, or Digital Writing					
Effective for catalog term Fall 2016 and after					
DCCC			Widener University		
First Semester			First Semester		
ENG 100	English Composition I	3	ENGL 101	Composition and Critical Thought	3
CS 100	Intro to Information Technology	3	CSCI 101	Introduction to Personal Computers	3
CS 101	Intro to Computer Science	3	CSCI 151	Introduction to Computer Science I	4
BUS 130	Oral Communication (OC)	3	PRWR 215	Effective Communication	3
MAT 135	Business Precalculus	3	MATH 117	Elementary Functions	3
		15			16
Second Semester			Second Semester		
ENG 112	English Composition II: Writing About Literature	3	ENGL 102	Literature and Critical Writing	3
NET 110	Network Communications	3	CSCI 20A	200 Level Computer Science	3
IMM 110	Multimedia Graphics and Design	3	COMS 264	Layout and Design	3
CS 110 or CS 104	Intro to C++ or Intro to Java Programming	3	CSCI 152	Introduction to Computer Science II	4
	Math Elective	3 - 4		Free Elective for DMI	3
		15-16			16
Third Semester			Third Semester		
IMM 120	Web Page Design and Development	3	COMS 266	Basic Web Design	3
IMM 201	Audio and Video for Multimedia	3	COMS 368	Interactice Multimedia (DMI Concentration course)	3
CS 210 or CS 204	Object Oriented C++ or Intermediate Java Programming	3	CSCI 257	Object-Oriented Programming	4
	Humanities Elective	3		Humanities Elective	3
	Diversity & Social Justice (DJ)/ Global Understanding (GU)	3		Social Science or Humanities	3
		16			16
Fourth Semester			Fourth Semester		
CS 241	Mobile Web Development	3	CSCI 30A	Computer Science Technical Elective	3
CS elective	See list below	3		See list below for DPR courses	3
CS 250	Digital Portfolio Development	3		Free Elective for DMI/DMI Concentartion Course	3
CS 200/IMM 200	UX Design	3		Free Elective for DMI/DMI/COMS Concentratio, Cd	3
	Scientific Inquiry	4		Science Elective	4
		16			16
	Total Credits:	61-63		Total Credits:	64
Notes:					
Humanities, Social Science, Science Electives, Math courses					
WU Humanities electives can be any courses from DCCC HIS, ENG, HUM, PHI.					
WU Social science elective can be any course from DCCC PSY, SOC, POL, ADJ.					
ENGL 101 and ENGL 102 are WU DMI curriculum requirements.					
DCCC's COMM courses are considered social sciences at WU and not humanities.					
DPR Courses	Widener University				
CS 206	CSCI 30A 300 Level Computer Science Technical Elective				
CS 213	CSCI 30A 300 Level Computer Science Technical Elective				
CS 214	CSCI 20A 200 Level Computer Science Elective				
CS 224	CSCI 311 Mobile App Development (3)				
CS 234/CS 119	CSCI 30A 300 Level Computer Science Elective				
CS 236/CS 121	CSCI 371 Computer Graphics (3)				
CS 238/CS 117	CSCI 175 Introduction to Game Design				
MATH COURSES					
DCCC Course	Widener University				
MAT 120	MATH 11A 100 Level Math Elective				
MAT 121	MATH 114 Basic Concepts of Probability and Statistics (3)				
MAT 135	MATH 117 Elementary Functions				
MAT 136	MATH 118 Elementary Calculus I (4)				
MAT 151	MATH 11A 100 Level Mathematics Elective				
MAT 152	MATH 120 Precalculus (4)				
MAT 160	MATH 141 Calculus I (4)				
MAT 161	MATH 142 Calculus II (4)				

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Effective for Catalog Term Fall 2016 and After					
DCCC			Widener University		
First Semester			First Semester		
ENG 100	English Composition I	3	ENGL 101	Composition and Critical Thought	3
CS 100	Intro to Information Technology	3	CSCI 101	Introduction to Personal Computers	3
CS 101	Intro to Computer Science	3	CSCI 151	Introduction to Computer Science I	4
NET 110	Network Communications	3	CSCI 20A	200 Level Computer Science	3
MAT 135	Business Precalculus	3	MATH 117	Elementary Functions	3
		15			16
Second Semester			Second Semester		
ENG 112	English Composition II: Writing About Literature	3	ENGL 102	Literature and Critical Writing	3
IMM 120	Web Page Design and Development	3	COMS 266	Basic Web Design	3
CS 110	Introduction to C++	3	CSCI 10A	100 Level Computer Science Elective	3
CS 104	Intro to Java Programming	3	CSCI 152	Introduction to Computer Science II	4
	Math Elective	3 - 4	MATH	See list below	3-4
		15-16			16-17
Third Semester			Third Semester		
CS 210	Object Oriented C++	3	CSCI 20A	200 Level CS Elective	3
CS/IMM/NET course		3 - 4		See list below	3
CS 204	Intermediate Java Programming	3	CSCI 257	Object-Oriented Programming	4
BUS 130	Business Communication	3	PRWR 215	Effective Communication	3
	Diversity & Social Justice (DJ)/ Global Understanding (GU)	3		Social Science or Humanities	3
		15 - 16			16
Fourth Semester			Fourth Semester		
CS 212	Data Structure and Algorithms	4	CSCI 258	Data Structure and Algorithms	4
CS/IMM/NET Course		3 - 4		See list below	3
CS/IMM/NET Course		3 - 4		See list below	3
	Scientific Inquiry	4		Science Elective	4
	Humanities Elective	3		Humanities Elective	3
		17 - 19			17
	Total Credits:	62-67		Total Credits:	65-67
Notes:					
Humanities, Social Science, Science Electives, MATH courses					
WU Humanities electives can be any courses from DCCC HIS, ENG, HUM, PHI.					
WU Social Science elective can be any course from DCCC PSY, SOC, POL, ADJ.					
ENGL 101 and ENGL 102 are WU DMI curriculum requirements.					
DPR/IMM/NET COURSES					
DCCC Course		Widener University Courses			
CS 206		CSCI 30A 300 Level Computer Science Technical Elective			
CS 214		CSCI 20A 200 Level Computer Science Elective			
CS 222		CSCI 20A 200 Level Computer Science Elective			
CS 222		CSCI 20A 200 Level Computer Science Elective			
CS 241		CSCI 30A 300 Level Computer Science Technical Elective			
IMM 100		DMI Free Elective			
IMM 201		COMS 368 Interactive Media (3)			
NET 230		CSCI 100 Level Elective/Free Elective for DMI			
NET 232		CSCI 100 Level Elective/Free Elective for DMI			
MATH COURSES					
DCCC Course		Widener University Course			
MAT 120		MATH 11A 100 Level Math Elective			
MAT 121		MATH 114 Basic Concepts of Probability and Statistics (3)			
MAT 135		MATH 117 Elementary Functions (3)			
MAT 136		MATH 118 Elementary Calculus I (4)			
MAT 151		MATH 11A 100 Level Mathematics Elective			
MAT 152		MATH 120 Precalculus (4)			
MAT 160		MATH 141 Calculus I (4)			
MAT 161		MATH 142 Calculus II (4)			