

# Transfer Articulation/ Dual Admit Agreement between Erie County Community College and Daemen College

## Erie County Community College (ECC) AS Computer Science to Daemen College (DC) BA Mathematics

ECC Course work	credits	DC Equivalency	credits	Remaining DC Requirements
<b>Major Course Work</b>				
MT181 Calc & Anal Geometry I	4	MTH144, MTH145, MTH 254, MTH255**	12	MTH246; MTH307; MTH407; MTH414;
MT182 Calc & Anal Geometry II	4			
Elective: MT283 Calc & Anal Geometry III**	4			
MT167: Discrete Mathematics	3	MTH264 Discrete Mathematics	3	MTH415 MTH459; MTH460
<b>TOTAL</b>	<b>15</b>		<b>15</b>	<b>19</b>
<b>Additional Requirements</b>				
Laboratory Science: PH 270/271	4	PHY151/L Physics I	4	
Laboratory Science: PH 272/273	4	PHY152/L Physics II	4	
CS 132: Computer Science II	3	CSC212 Intro to Computer Science	3	Mathematics Elective
<b>TOTAL</b>	<b>11</b>		<b>11</b>	<b>3</b>
<b>Core Requirements</b>				
EN110 College Composition	3	CMP101 English Composition	3	
EN111 Comp & Interp of Lit	3	LIT112 Approaches to Literature	3	
CSC121: Computer Science I	3	CSC201 Intro to Computer Sci I	3	
Humanities Elective: SP112*	3	SPA105 Intermediate Spanish for Prof Communication I	3	
Humanities Elective: SP113*	3	SPA106 Intermediate Spanish for Prof Communication II	3	
Social Science Electives	6	ELEC-COR.WVR	6	
LAS Electives	6	ELEC-COR.WVR	6	
EXCESS: MT167	1	ELEC-COR.WVR	1	
EXCESS: CSC121	1	ELEC-COR.WVR	1	
EXCESS: CS221	1	ELEC-COR.WVR	1	
EXCESS: CS232	1	ELEC-COR.WVR	1	
EXCESS: CS132	1	ELEC-COR.WVR	1	Core Electives (13)
<b>TOTAL</b>	<b>32</b>		<b>32</b>	<b>13</b>
<b>Free Electives</b>				
CS232 Adv Data Structures	3	CSC350 Data Structures	3	
CS221 Machine Org & Assembly Lang Prog	3	CSC347 Selected Topics	3	Free Electives (24)
<b>TOTAL</b>	<b>6</b>		<b>6</b>	<b>24</b>
<b>Courses Not Applicable</b>				
<b>TOTAL CREDITS TAKEN</b>	<b>64</b>	<b>TOTAL ACCEPTABLE CREDITS</b>	<b>64</b>	<b>ADDITIONAL REQUIRED=59</b>
<b>COMPUTER SCIENCE MINOR***</b>				
CS121 Computer Science I	3	CSC201 Intro to Comp Science I	3	
CS132 Computer Science II	3	CSC212 Intro to Comp Science II	3	
CS232 Adv Data Structures	3	CSC350 Data Structures	3	
CS221 Machine Org & Assembly Lang Prog	3	CSC347 Selected Topics	3	Computer Science Elective
<b>TOTAL</b>	<b>12</b>	<b>TOTAL ACCEPTABLE CREDITS</b>	<b>12</b>	<b>3</b>

\*SPA-112 & SP-113 are recommended courses. Student may also complete French.

\*\*If student completes elective other than MT283, MTH-254 & MTH-255 will be outstanding at Daemen college.

\*\*\*Student must declare minor once started at Daemen College. See Registration: DS120 to declare minor.