



**TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS**

**NTC Program: IT - Software Developer**

**Concordia University Program: BS in Applied Computer Science**

**Minimum GPA for admission: 2.0**

**Initial effective date: Fall 2023**

**General Education Courses**

NTC			Concordia University		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-801-196	Oral/Interpersonal Communications	3	COMM 112	Speech	3
10-801-195	Written Communication <u>OR</u>	3	ENG 210	College Writing	3
10-801-136	English Composition 1				
10-804-189	Introductory Statistics	3	BUS 315	Statistics	3
10-809-199	Psychology of Human Relations <u>OR</u>	3	PSY 271	Social Psychology of Workplace <u>OR</u>	3
10-809-198	Intro to Psychology				
10-809-166	Intro to Ethics: Theory & App	3		Elective credits	3
10-804-133	Math & Logic	3		Elective credits	3
10-890-165	College 101	1		Elective credits	1
<b>Total general education credits earned:</b>		<b>19</b>			
Total transferable general education credits:			<b>Total general education credits accepted:</b>		<b>19</b>

**Occupational Courses**

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-152-551	Web Design 1A	1		Elective Credits	3
10-152-552	Web Design 1B	1			
10-152-553	Web Design 1C	1			
10-152-531	Data Concepts A	1	CSC 430	Database Fundamentals	3
10-152-532	Data Concepts B	1			
10-152-533	Data Concepts C	1			
10-152-500	IT Development and Design Fundamentals	1		Elective credits	1
10-152-501	Programming Concepts A	1	CSC 200	Coding 1- Fundamentals	3
10-152-502	Programming Concepts B	1			
10-152-503	Programming Concepts C	1			
10-152-223	User Experience Design	3		Elective Credits	3
10-152-534	Database Design and SQL A	1	CSC 460	Adv. Database & Website Development	3
10-152-535	Database Design and SQL B	1			
10-152-536	Database Design and SQL C	1			
10-152-391	Collaborative Application Development	3	CSC 370	Software Engineering	3
10-152-504	Object - Oriented Programming A	1			

10-152-505	Object - Oriented Programming B	1	CSC 250	Coding 2- Algorithms	3
10-152-506	Object - Oriented Programming C	1			
10-152-561	Client-Side Web Development 1 A	1		Elective Credits	3
10-152-562	Client-Side Web Development 1 B	1			
10-152-563	Client-Side Web Development 1 C	1			
10-152-383	Mobile Programming OR	3		Elective Credits	3
10-152-570	Advanced Data Management A 1credit				
10-152-571	Advanced Data Management B 1credit				
10-152-572	Advanced Data Management C 1credit				
10-152-392	Software Architecture	3		Elective Credits	3
10-152-507	Object - Oriented Design A	1	CSC 300	Coding 3- Data Structures	3
10-152-508	Object - Oriented Design B	1			
10-152-509	Object - Oriented Design C	1			
10-152-564	Client-Side Web Development 2 A	1		Elective Credits	3
10-152-565	Client-Side Web Development 2 B	1			
10-152-566	Client-Side Web Development 2 C	1			
10-152-393	Application Development Capstone Project	3	CSC 491	Capstone Project	3
10-152-510	Advanced .Net Programming A	1		Elective Credits	3
10-152-511	Advanced .Net Programming B	1			
10-152-512	Advanced .Net Programming C	1			
10-152-567	Open-Source Web Development A	3		Elective Credits	3
10-152-568	Open-Source Web Development B				
10-152-569	Open-Source Web Development C				
<b>Total occupational course credits earned:</b>		<b>46</b>		<b>Total occupational course credits accepted:</b>	<b>21</b>
<b>Elective credits allowed:</b>				<b>Elective credits allowed:</b>	<b>25</b>
<b>Total credits required for graduation:</b>		<b>65</b>			
<b>Total transferable credits:</b>		<b>62</b>		<b>Total credits accepted at CU:</b>	<b>65</b>

**Courses needed to complete degree at Concordia University:**

Course No.	Course Title	Credits
REL 159	Heritage of Faith	3
REL 204	Biblical Theology	3
	Natural World Science with Lab	3
	Society & Culture	6
	Human Creativity & Expression	3
CSC 175	Theory & Fundamentals of CS	3
CSC 350	Operating Systems	3
CSC 415	Artificial Intelligence	3
CSC 419	Machine Learning & Robotics	3

CSC 426	Cybersecurity	3
	Electives	22
<b>Total credits needed at CU to complete degree:</b>		<b>55</b>
<b>Total credits needed to complete degree:</b>		<b>120</b>

Disclaimer: Students planning to transfer should contact NTC's Transfer Specialist and transfer personnel at CU for the most current transfer information.

Updated on: 11/17/2023