



NSCC Guided Pathway

2017-18

Computer Science Transfer (CST) – Information Technology Pathway

Associate in Arts • STEM and Education Division

Recommended Course Selection Sequence		Credits	Course Offered	CAS Option	Completion
CMP101	Composition 1	3		X	<input type="checkbox"/>
CPS101	Computer Science 1 (Java 1)	4		X	<input type="checkbox"/>
CPS170	Database Theory and Applications	4			<input type="checkbox"/>
MAT251	Calculus 1	4		X	<input type="checkbox"/>
CMP102-150	Composition 2 Elective	3		X	<input type="checkbox"/>
CPS102	Computer Science 2 (Java 2)	4			<input type="checkbox"/>
MAT252	Calculus 2	4		X	<input type="checkbox"/>
PHY201	Physics 1	4		X	<input type="checkbox"/>
CPS203	Data Structures	4	Fall only		<input type="checkbox"/>
Humanities Elective		3			<input type="checkbox"/>
MAT241	Discrete Structures	4	Fall only		<input type="checkbox"/>
PHY301	Physics 3	4		X	<input type="checkbox"/>
Social Science Elective		3			<input type="checkbox"/>
CPS218	UNIX	4			<input type="checkbox"/>
CPS224	Object Oriented Programming in C++	4	Spring only Online only		<input type="checkbox"/>
CPS226	Computer Organization and Architecture	4	Spring only		<input type="checkbox"/>
EGS216	Introduction to Digital Logic Design	4	Spring only		<input type="checkbox"/>
Total Program Credits:		64			

Program Notes

- Open admissions; must demonstrate a minimum of CPS100-level competency to enroll
- Eligible North Shore Promise program
- Day program

Campus Information

- Lynn campus based

Additional Graduation Requirements

- Cumulative CLGPA at or above 2.0
- Submit your intent to graduate form at: www.northshore.edu/registrar

Advising Notes

- This degree is intended to prepare a student upon completion for transfer into a four-year computer science curriculum. Check your receiving institution to determine best credit transfer options.
- Courses are listed in the recommended order you should take them.
- Many courses have prerequisite requirements that must be fulfilled to be eligible to enroll in the course.
- If you intend to graduate with an associate degree in two years, you should enroll in at least 15 credits if taking only fall/spring courses.
- Completing 30 credits each year helps students stay on track to timely graduation.
- Taking classes in the winter intersession and summer can accelerate your time to degree completion.
- All student degree audits for graduation purposes will be based off the official program of study the student is enrolled in.



Congratulations NSCC Graduate!

X Center for Alternative Studies & Educational Testing (CAS) – Course competencies and prerequisites may be fulfilled through credit for prior learning. Visit www.northshore.edu/cas for more information.