



# NSCC Guided Pathway

2018-19

## Computer Science Transfer (CST) – Information Technology Pathway Associate in Arts • STEM and Education Division

Recommended Course Selection Sequence		Required	Credits	Course Offered	CPL 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: Mechanics	Ⓡ	4		X	<input type="checkbox"/>
CPS203	Data Structures	Ⓡ	4	Fall only Online only		<input type="checkbox"/>
Humanities Elective		Ⓡ	3			<input type="checkbox"/>
MAT241	Discrete Structures	Ⓡ	4	Fall only		<input type="checkbox"/>
PHY203	Physics 2: Electricity and Magnetism	Ⓡ	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"/>
<b>Total Program Credits:</b>			<b>64</b>			

### Program Notes

- Open admissions
- 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](http://www.northshore.edu/registrar)

### Advising Notes

- The recommended courses listed are designed upon degree completion for a student to be eligible to transfer to a public Massachusetts state university or UMASS system institution with junior status in the major of computer science.
- 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.

Ⓡ Required course for degree

X Center for Alternative Studies & Educational Testing (CAS) – Course competencies and prerequisites may be fulfilled through Credit for Prior Learning (CPL). Visit [www.northshore.edu/cas](http://www.northshore.edu/cas) for more information.



**Congratulations NSCC Graduate!**