



# NSCC Guided Pathway

2021-22

## Computer Information Systems (CIT) – 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"/>
CPS100 Information Technology and Its Applications	Ⓡ	3		X	<input type="checkbox"/>
CPS173 Data Management Using Excel	Ⓡ	3	Fall only		<input type="checkbox"/>
CPS130 Computer Hardware	Ⓡ	3	Fall only	X	<input type="checkbox"/>
Mathematics Elective (MAT151 level or above)	Ⓡ	3		X	<input type="checkbox"/>
CMP102-150 Composition 2 Elective	Ⓡ	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"/>
Mathematics Elective (MAT152 level or above)	Ⓡ	3			<input type="checkbox"/>
CPS Elective - Computer Science Elective	Ⓡ	4			<input type="checkbox"/>
Humanities Elective	Ⓡ	3			<input type="checkbox"/>
Laboratory Science Elective	Ⓡ	4			<input type="checkbox"/>
Social Science Elective	Ⓡ	3		X	<input type="checkbox"/>
Humanities Elective	Ⓡ	3			<input type="checkbox"/>
CPS122 Operating Systems	Ⓡ	4			<input type="checkbox"/>
CPS Elective - Computer Science Elective	Ⓡ	4			<input type="checkbox"/>
Social Science Elective	Ⓡ	3			<input type="checkbox"/>
Science Elective	Ⓡ	3			<input type="checkbox"/>

**Total Program Credits:** 60

**Math Electives:** A minimum of 6 credits in mathematics is required at the MAT151 level or above. Calculus 1 is often required at transfer institutions.

### 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 above are designed upon degree completion to enable a student to be eligible to transfer to a four year university in computer information systems or a related field. 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 intercession 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.
- Math Electives: A minimum of 6 credits in mathematics is required at the MAT151 level or above. Calculus 1 is often required at transfer institutions.

Ⓡ 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!**