



NSCC Guided Pathway

2022-23

Construction and Building Science Certificate (CBC) – Engineering Science & Industrial Technology Pathway Certificate • STEM and Education Division

Recommended Course Selection Sequence		Required	Credits	Course Offered	CPL Option	Completion
CMP101	Composition 1	Ⓡ	3		X	<input type="checkbox"/>
MAT151	Precalculus 1	Ⓡ	3		X	<input type="checkbox"/>
CBS103	Blueprint Reading for the Building Trades	Ⓡ	2			<input type="checkbox"/>
CAD105	Computer Aided Design: AutoCAD	Ⓡ	3			<input type="checkbox"/>
MAT152	Precalculus 2	Ⓡ	3		X	<input type="checkbox"/>
CBS101	Introduction to Sustainable Building and Construction Science	Ⓡ	3			<input type="checkbox"/>
CBS102	Construction Materials and Methods	Ⓡ	3			<input type="checkbox"/>
CAD106	Computer Aided Design: 3D AutoCAD & Revit	Ⓡ	3			<input type="checkbox"/>
MET103	Introduction to Manufacturing	Ⓡ	3			<input type="checkbox"/>
Total Program Credits:			26			

Program Notes

- Open admissions
- Stackable credential
- Day, evening, and online program

Campus Information

- Lynn or Danver 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

- The program prepares graduates to enter careers in the design, construction, operation, or maintenance of the built environment. Graduates are prepared for careers in the building design, construction, testing, operation, and maintenance of building systems; they have the abilities to produce and utilize basic construction documents and to perform basic analysis and design of system components.
- Program electives enable students to focus on technical courses that may align with individual educational and career goals in Building Design & Construction, Construction Management, Interior Design, Architectural, and Pre-Architectural programs.
- For students interested in continuing their education in Construction and Building Science, courses in this certificate count towards the STEM Foundation: Construction and Building Science Associate Degree.
- All student degree audits for graduation purposes will be based on 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 for more information.



Congratulations NSCC Graduate!