



# 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	R	3		Х	
MAT151	Precalculus 1	R	3		Х	
CBS103	Blueprint Reading for the Building Trades	R	2			
CAD105	Computer Aided Design: AutoCAD	R	3			
MAT152	Precalculus 2	R	3		Х	
CBS101	Introduction to Sustainable Building and Construction Science	R	3			
CBS102	Construction Materials and Methods	R	3			
CAD106	Computer Aided Design: 3D AutoCAD & Revit	R	3			
MET103	Introduction to Manufacturing	R	3			
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.

(R) 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.

