

Construction Estimating Technician

Diploma

Technical Credits.....	43
MnTC General Education Credits.....	3
Total Credits	46

Program Information

The Anoka Technical College Construction Estimating Technician is a 46-credit diploma program that consists of technical courses designed to develop skills relating to the field of construction cost estimating, quantity surveying and building materials. In addition to estimating skills, the student receives training in related areas such as plan reading, residential/commercial construction, specifications, construction scheduling and Computer Aided Drafting (CAD) and Revit software.

To further enhance students' Construction Estimating skills, they will receive training in related areas, such as building codes and building mechanical and electrical systems, as well as emerging technologies in energy-efficient design. Students receive hands-on training in industry standard computer-aided drafting software (AutoCAD), building information modeling (BIM) technology, project coordination software like BluBeam, and insurance estimating software like Xactimate. Scanning to point cloud and 3D modeling from drone survey data will also be demonstrated.

Program Learning Outcomes

1. Construction Print Reading
2. Residential construction materials estimating
3. Commercial construction materials estimating
4. Construction general conditions estimating
5. Computer Estimating
6. Drone Capture
7. Revit Schedules
8. Project Coordination

Industry and Career Outlook

Graduates of the Construction Estimating diploma program learn skills and technology that can be applied to a wide variety of careers in the construction industry employers including but not limited to an architectural, electrical, mechanical, structural or civil engineering firm. Construction subcontractors, lumber suppliers, home improvement centers. Residential builders and construction material suppliers are all possible employers. Quantifying utility and infrastructure design elements is another area for this certificate.

Wage information is available from the [Minnesota Department of Employment and Economic Development](#).

Program Start Dates

Fall Semester.....August
 Spring Semester.....January**

**Students who start in the spring will need more time to complete due to course prerequisites.

Course Prerequisites

Some courses in this program may require a prerequisite. Please see [course descriptions](#) for more details.

Program Sequence

Fall Semester	15
<input type="checkbox"/> ARCH 1000 Residential Construction.....	2
<input type="checkbox"/> ARCH 1002 Construction Print Reading.....	2
<input type="checkbox"/> ARCH 1043 Architectural CAD I	3
<input type="checkbox"/> CEST 1000 Construction Estimating I.....	3
<input type="checkbox"/> CEST 1055 Construction Document Management	3
<input type="checkbox"/> COMP 1002 Computer Technologies for Communication.....	2
Spring Semester.....	14
<input type="checkbox"/> ARCH 1015 Commercial Construction.....	2
<input type="checkbox"/> ARCH 1031 Building Systems	2
<input type="checkbox"/> ARCH 1052 Architectural CAD II	3
<input type="checkbox"/> ARCH 2025 Revit Architectural 3D CAD	2
<input type="checkbox"/> CEST 1010 Construction Estimating II.....	3
<input type="checkbox"/> CEST 1020 Computer Estimating	2
Fall Semester	17
<input type="checkbox"/> ARCH 2027 Intermediate Revit 3d CAD.....	2
<input type="checkbox"/> ARCH 2085 Structural Technology.....	3
<input type="checkbox"/> CEST 1030 Project Management for Estimators	2
<input type="checkbox"/> CEST 1075 Drone Survey for Estimating	3
<input type="checkbox"/> CEST 2000 Revit for Estimating	4
<input type="checkbox"/> SPCH 1200 Interpersonal Communications	3

Graduation Requirements

Students must earn a cumulative 2.0 GPA or higher to be eligible for graduation from this program.

Faculty Contact

Daniel Iund	763-576-4163
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For information on how to apply, to schedule a tour, or for service during summer hours, contact Enrollment Services at 763-576-7710 or EnrollmentServices@anokatech.edu

Also see: Architectural Technology AAS, Architectural and Construction Technician diploma, Architectural 2C CAD certificate, and Construction Estimating certificate



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