If you’re a detail-oriented person who can envision objects, distances and sizes, this is the field for you! Survey technicians collect field data to report back to surveyors and mapmaking professionals. This is the only land surveying program in Nebraska. Every student who graduated from the program in 2017 found employment.

Do you possess outstanding communication, interpersonal and listening skills? Do you like solving problems? If the answer is yes, this program is for you.

Upon completion of the program, students will qualify for a nine-month work experience toward obtaining their Registered Land Surveyor license.

Types of jobs available:
- Land surveying technician that surveys the construction of streets, dams, bridges, highways, airports, and parks; survey boundary locations of subdivisions, private property, and commercial property.
- Civil CAD drafter who creates computer drawings of plans for construction, boundaries, plats, maps for all planning, and conventional drawings for small projects.

Graduate Earnings
Recent graduates report an average starting wage of $17.25 per hour.

For more information contact:
Dale Mueller, Program Chair
402-761-8255, 800-933-7223 ext. 8255
dmueller@southeast.edu

or the College Admissions Office
Milford 402-761-8243, 800-933-7223 ext. 8243
General Education Requirements:
Contact your program advisor to select general education courses from each category, which will meet your program’s graduation requirements. See the General Education pages online for a complete list.
(One class from each area below).
Oral Communications  4.5
Written Communications  4.5
Critical Thinking & Problem Solving
MATH1050 Thinking Mathematically or higher
(Recommended)  4.5
Analytical, Quantitative, and Scientific Reasoning
ECON1200 Personal Finance (Recommended)  4.5
Career and Life Skills
BSAD1010 Microsoft Applications I (Recommended)  4.5

**22.5 hours**

Please note: It is optional for students to purchase their own laptop, software and accessories. A list of recommended products is available with the program chair or the College Admissions Office.

Required LSCE Courses:
Course # Course title Credit hrs
LSCE1120 Plane Surveying 6.0
LSCE1126 Basic Civil CAD 7.0
LSCE1130 Analysis for Land Surveyors 4.5
GIST1110 Introduction to Geospatial Technology 4.5
LSCE1220 Engineering Surveying 6.0
LSCE1226 Civil CAD II 6.5
LSCE1232 Highway Plan Reading 2.5
GIST1120 Spatial Analysis and Modeling 4.5
LSCE1320 Route and Construction Surveying 5.0
LSCE1326 Civil CAD III 8.0
GIST1130 Data Acquisition & Management 4.5
LSCE2520 Geodetic Surveying 11.0
LSCE2526 Principles of Land Development 7.0
GIST1140 GIS Capstone 4.5
LSCE1900 Internship or
LSCE1901 Cooperative Experience 12.0
LSCE2620 Boundary Control and Legal Principles 7.0
LSCE2626 Advanced Civil CAD 3.0
LSCE2646 Civil CAD 3D 5.0
LSCE2667 Public Land Survey Systems 5.0

**113.5 hours**

Basic Tools Required
A 10 percent discount will be given at the Campus Store if the items are purchased as a complete set.
- Civil Engineers Scale
- General Pocket Template
- Circle Template
- Legal Size Clip Board
- Field Book (Surveying)
- Materials to draw on are furnished by the school.
- Electronic Calculator w/Trig Functions (HP50G)
- 1 - 16 oz. plumb bob with leather scabbard
- 1 - Standard Size 3-Ring Binder (3"
- 2 - Tablets of graph paper – computation pad (1/4"
- 1 - Vinyl Kit Case
- Gammon Reel w/string (Transit Works)
- 25’ Decimal Tape Measure
- Orange Safety Vest
- Pocket Dictionary
- 3 - Wireless 110 Sheet Paper
- 8 GB Kingston Data Travel
- Book: Carr Lane Trigonometry Tables & Handy Conversion Book
- 2 GB SD Card

Estimated Expenses
Nebraska Resident tuition/fee rate is $69.50 per credit hour. Out-of-state tuition/fee rate is $83.50 per credit hour. Graduation fee is $25.
Housing is available at Beatrice and Milford campuses only. Tuition, books and fees are dependent upon classes taken each quarter.

Students should plan a budget that includes room, meals, clothing, laundry, medical care, recreation and entertainment, transportation, insurance, etc.

**FIRST QUARTER**
Tuition And Fees $1,529
Books 795
Tools 287
Total $2,611

**SECOND QUARTER**
Tuition And Fees $1,355
Books 325
Total $1,680

**THIRD QUARTER**
Tuition And Fees $1,216
Books 200
ACI Certification 135
Total $1,551

**FOURTH QUARTER**
Tuition And Fees $1,564
Books 350
Total $1,914

**FIFTH QUARTER**
Tuition And Fees $834
COOP Quarter
Total $834

**SIXTH QUARTER EXPENSES**
Tuition And Fees $1,390
Books 225
Total $1,615

**Total Estimate For Program** $10,205