

Land Surveying Curriculum
(Written by the Kansas State Board of Technical Professions and approved by the Board on December 8, 2006.)

All course work shall be completed at a technical school, technical college, community college, college, or university approved by the Board.

I. General Education Courses.

A. Mathematics

1. Algebra 3 credit hours
2. Trigonometry 3 credit hours

A 3 credit hour course in calculus can be substituted for either algebra or trigonometry. A 5 credit hour course in pre-calculus will satisfy the mathematics requirement.

B. Mathematical statistics 3 credit hours

C. English. A minimum of 12 credit hours in the following courses:

1. English I Composition 3 credit hours
2. English II Composition and Literature 3 credit hours
3. Speech 3 credit hours
4. Technical Writing 3 credit hours

D. Physical Science. A minimum of 3 credit hours in either physics or geology

E. Humanities. A minimum of 6 credit hours in the following courses:

1. A history course 3 credit hours
2. An ethics course 3 credit hours

II. Technical Courses. A minimum of 24 credit hours in the following courses:

- A. Elementary surveying 3 credit hours
- B. Advanced surveying 3 credit hours
- C. Computer Aided Design (CAD) I 3 credit hours
- D. Computer Aided Design II 3 credit hours
- E. Global positioning system (GPS) 3 credit hours
- F. Geographic information system (GIS) 3 credit hours
- G. Boundary control 3 credit hours
- H. Real property law 3 credit hours

III. Business-related Courses. A minimum of 6 credit hours in the following courses:

- A. Accounting I 3 credit hours
- B. Business management 3 credit hours