

**LAKE LAND COLLEGE
MATTOON, ILLINOIS
CIVIL ENGINEERING TECHNOLOGY
ASSOCIATE IN APPLIED SCIENCE**

Lake Land College catalog was reviewed for the Civil Engineering Technology, Associate in Applied Science degree. This degree requires a total of 72 semester hours of coursework. The following is my evaluation of the applicable Surveyor-In-Training education requirement items.

Land Surveying: 24 semester hour requirement.

CET 060: Surveying I (3 sh)

CET 062: Surveying II (3 sh)

These two courses are transferred to SIUC as credit for CE 263, Basic Surveying (3 sh), thus 21 semester hours of Land Surveying needed.

Pure Science: 8 semester hour requirement, 0 hours in curriculum. 8 semester hours needed.

Mathematics: 15 semester hour requirement

MAT 130: College Algebra (3 sh)

MAT 131: College Trigonometry (3 sh)

MAT 210: Finite Mathematics (3 sh)

MAT 241: Analytic Geometry & Calculus (5 sh)

A total of 14 semester hours, thus 1 semester hour of Mathematics needed.

Additional Science: 20 semester hour requirement

CET 051: Civil Construction I (3 sh)

CET 052: Civil Construction II (3 sh)

CET 054: Soils & Aggregates (4 sh)

CET 056: PC Concrete Theory (2 sh)

CET 057: Asphalt Theory & Design (2 sh)

TEC 060: Analytical Mechanics (4 sh)

CET 064: Surveying III (3 sh)

TEC 080: Strength of Materials (4 sh)

CET 087: Hydraulics & Drainage (3 sh)

A total of 28 semester hours, thus 0 semester hours needed.