

Second Semester – Spring

EGT 115	Engineering Graphics II	4
EGT 151	Introduction to CAD	3
		Total 7

Third Semester – Summer

AET 110	Architectural Graphics I	3
EGT 210	Engineering Graphics III	4
EGT 220	Structural and Piping Application	4
		Total 11

Fourth Semester – Fall

AET 111	Architectural Computer Graphics I	3
EGT 152	Fundamentals of CAD	3
		Total 6

Fifth Semester – Spring

AET 221	Architectural Computer Graphics II	4
		Total 4

Land Development Technology

Certificate: Engineering Technology

Credit Requirements: 19 Semester Credit Hours

This certificate follows the Surveying certificate and allows a student to select courses that will enhance the possibility of progression in the land development career field. It includes boundary law, subdivision design, water and sewer design, and highway design. Completion of this certificate will satisfy the 12-credit requirement for survey licensing in South Carolina.

For admission to this program, you must complete the Surveying certificate program.

Recommended Sequence of Courses

First Semester – Spring

MAT 111	College Trigonometry	3
		Total 3

Second Semester – Summer

PHY 201	Physics I	4
		Total 4

Third Semester – Fall

CET 218	Hydraulics	3
GMT 250	Evidence Procedures for Boundary Control	3
		Total 6

Fourth Semester – Spring

CET 246	Environmental Systems Technology	3
CET 251	Highway Design	3
		Total 6

Surveying

Certificate: Engineering Technology

Credit Requirements: 17 Semester Credit Hours

This certificate prepares you for a career in the land surveying job market. It is designed for those individuals having little or no surveying experience and for those who presently hold a position with a surveying firm and desire to move into another position.

Admission into this program requires proof of high school graduation (or GED) and qualifying scores on SAT, ACT or the TTC placement test.

Recommended Sequence of Courses

First Semester – Summer

*EGT 109	Introduction to Engineering Design Graphics	3
		Total 3

Second Semester – Fall

EGR 285	Engineering Surveying I	3
EGR 295	Engineering Surveying Lab I	1
MAT 110	College Algebra	3
		Total 7

Third Semester – Spring

EGR 286	Engineering Surveying II	3
EGR 296	Engineering Surveying Lab II	1
EGT 151	Introduction to CAD	3
		Total 7

**Allowable alternate: EGR 275*

Transfer Engineering Programs

In preparation for Transfer to The Citadel

This is a transfer opportunity for students wanting to transfer into The Citadel in selected programs.

A special articulation agreement between The Citadel and TTC allows students to enroll at TTC with the following courses approved for transfer