



The University of North Carolina at Charlotte
 9201 University City Boulevard
 Charlotte, NC 28223-0001

**NON-North Carolina Community College Transfer Guide into the
 WILLIAM STATES LEE COLLEGE OF ENGINEERING**

Transfer Guide for the [William States Lee College of Engineering](#)

Degrees Offered

Bachelor of Science in Engineering

- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Mechanical Engineering (motorsports concentration available)
- Systems Engineering

Bachelor of Science in Engineering Technology

- Civil Engineering Technology
- Electrical Engineering Technology
- Fire Safety Engineering Technology
- Mechanical Engineering Technology
- Construction Management

University Requirements and Recommended Courses for Prospective Bachelor of Science in Engineering Majors:

An overall GPA of 2.5 for all college courses is required for admission as a transfer student. **Starting with the Spring 2010 semester**, students will also be required to complete a pre-calculus math course with a grade of C or higher before gaining admission to Engineering. The pre-calculus course must be equivalent to UNC Charlotte's MATH 1103 or a higher level course for which pre-calculus is a pre-requisite.

All students must complete University [general education requirements](#), as well as the recommended courses listed below. UNC Charlotte course descriptions can be found online in the [Undergraduate Catalog](#). Check our [Transfer Credit Advisor](#) to see how courses from your institution will transfer to UNC Charlotte.

UNC Charlotte Course Number	UNC Charlotte Course Title	Civil	Computer	Electrical	Mechanical	Systems
CHEM 1251*	Chemistry	X	X	X	X	X
ITCS 1212	Intr Comp I		X			
ITCS 1215	Intr Comp II		X			
ECGR 2103	C++ Prog			X		
ECON 1101	Econ					X
ECON 2101	Macro Econ		X	X	X	
MATH 1241	Calculus I	X	X	X	X	X
MATH 1242	Calculus II	X	X	X	X	X
MATH 2241	Calculus III	X		X	X	X
MATH 2171	Dif Eqtns	X	X	X	X	

PHYS 2101*	Gen Phys I	X	X	X	X	X
PHYS 2102*	Gen Phys II	X	X	X - Do not need lab	X	X

*Note: These courses **must** include labs.

Partial listing of approved science electives (only **one course required** for each major).

UNC Charlotte Course Number	UNC Charlotte Course Title	Civil	Electrical	Mechanical
PHYS 1130	Astronomy		X	X
BIOL 1110	Gen Biology w/ Lab	X	X	X
BIOL 1233	Animal Biology	X	X	
BIOL 1273	Anatomy	X	X	
CHEM 1252	Gen Chemistry w/ Lab		X	X
CHEM 2131	Organic Chemistry		X	
GEOL 1200	Geology	X		X

University Requirements for Prospective Bachelor of Science in Engineering Technology Majors:

Students may enroll in Bachelor of Science in Engineering Technology programs in one of two ways:

1. Students interested in Engineering Technology programs without an AAS degree must meet University requirements for admission. Click [here](#) for a list of University transfer requirements.
2. Students interested in Engineering Technology programs with a transferable AAS degree must meet the following admission requirements.
 - A. Present a transferable Associate in Applied Science degree in one of the following fields: Architectural, Automation, Building Construction, Civil, Construction, Computer, Controls, Design and Drafting, Electrical, Environmental, Optical, Electronics, Industrial, Instrumentation, Manufacturing, Mechanical, Robotics, or Surveying Technology.
 - B. Attain an overall GPA of at least 2.2 in all college courses attempted.
 - C. Satisfactory completion of the prerequisite courses for the track which the student plans to enter. These prerequisite courses are listed in the [Engineering Technology section](#) of the UNC Charlotte website.

*Note: Admitted students who earn a transferable Associate in Applied Science degree will receive a maximum of 64 semester hours for their course work completed and will enroll as juniors in the program.

For additional information about the Department of Engineering Technology, click [here](#).