



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

## North Carolina Community College Transfer Guide into the WILLIAM STATES LEE COLLEGE OF ENGINEERING

All students must complete University general education requirements in addition to the following required major courses. General education guidelines are available in the Undergraduate Admissions Office.

### Engineering

**Degree offered:** Bachelor of Science

**Majors:** Civil Engineering  
 Computer Engineering  
 Electrical Engineering  
 Mechanical Engineering (motorsports concentration available)  
 Systems Engineering

### **Admission Requirements:**

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. At NC Community Colleges, MAT 172 and MAT 175 will satisfy this requirement.

### **Recommended Courses to take prior to entering:**

CC Course	Course Title	UNC Charlotte Course	Civil	Computer	Electrical	Mechanical	Systems
CHM 151*	Chemistry	CHEM 1251	X	X	X	X	X
CSC 120	Intr Comp I	ITCS 1212		X			
CSC 130	Intr Comp II	ITCS 1215		X			
CSC 134	C++ Prog	ECGR 2103			X		
ECO 151	Econ	ECON 1101					X
ECO 252	Macro Econ	ECON 2101		X	X	X	
MAT 271	Calculus I	MATH 1241	X	X	X	X	X
MAT 272	Calculus II	MATH 1242	X	X	X	X	X
MAT 273	Calculus III	MATH 2241	X		X	X	X
MAT 285	Dif Eqtns	MATH 2171	X	X	X	X	
PHY 251*	Gen Phys I	PHYS 2101	X	X	X	X	X
PHY 252*	Gen Phys II	PHYS 2102	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).**

<b>CC Course</b>	<b>Course Title</b>	<b>UNC Charlotte Course</b>	<b>Civil</b>	<b>Electrical</b>	<b>Mechanical</b>
AST 111	Astronomy	PHYS 1130		X	X
AST 151	Astronomy	PHYS 1130		X	X
BIO 110/111	Gen Biology w/ Lab	BIOL 1110	X	X	X
BIO 130	Animal Biology	BIOL 1233	X	X	
BIO 168	Anatomy	BIOL 1273	X	X	
CHM 152	Gen Chemistry w/ Lab	CHEM 1252		X	X
CHM 251	Organic Chemistry	CHEM 2131		X	
GEL 111	Geology	GEOL 1200	X		X

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