



**North Carolina Community College Transfer Guide Intro
The William States Lee College of Engineering
Department of Engineering Technology and Construction Management**

Degrees Offered

- Bachelor of Science in Engineering Technology (B.S.E.T.)
- Bachelor of Science in Construction Management (B.S.C.M.)

Engineering Technology Majors

- Civil Engineering Technology
- Electrical Engineering Technology
- Fire and Safety Engineering Technology (Concentrations: Fire Safety and Occupational Safety)
- Mechanical Engineering Technology

Possible Transfer Paths: 2+2 Transfer or Traditional Transfer

- **2+2 Transfer: Students with an aligning Associate in Applied Science (A.A.S.) degree from a N.C. Community or Technical College**
 - o Through [“2+2” programs](#), students may complete the first two years of the B.S.E.T. or B.S.C.M. programs by completing an eligible A.A.S. degree in a related field at a community or technical college. Upon completion of the A.A.S., a student then can matriculate to UNC Charlotte to complete their Junior and Senior years of study. The degree GPA must be a **2.5** or higher to be eligible for admission. All transfer students with an eligible A.A.S. degree are given a maximum of 64 semester hours of transfer credit when the A.A.S. degree is posted. The chart below outlines eligible A.A.S. degree programs and the aligning UNC Charlotte B.S.E.T. or B.S.C.M. program.

| Eligible NC Community College A.A.S. Degrees* | Aligning UNC Charlotte Program | | | | |
|---|--------------------------------|-------------------------|---------------|--------------------|---------------|
| | Civil ET | Construction Management | Electrical ET | Fire and Safety ET | Mechanical ET |
| A.A.S. in Civil Engineering Technology | X | X | | | |
| A.A.S. in Computer Engineering Technology | | | X | | |
| A.A.S. in Electrical Engineering Technology | | | X | | |
| A.A.S. in Automation Engineering Technology | | | X | | |
| A.A.S. in Electrical Systems Technology | | | X | | |
| A.A.S. in Electronics Engineering Technology | | | X | | |
| A.A.S. in Industrial Systems Technology | | | X | | |
| A.A.S. in Mechatronics Engineering Technology | | | X | | |
| A.A.S. in Mechanical Engineering Technology | | | | | X |
| A.A.S. in Fire Protection Technology | | | | X | |
| *Other A.A.S. Degrees can be evaluated for eligibility on a case-by-case basis. | | | | | |

Students who complete an aligning A.A.S. degree may enter UNC Charlotte with deficiencies, which are identified lower-division courses required for entrance into the Junior/Senior year coursework of ETCM majors. Common deficiencies are in the areas of math, physics, and computer programming. In an effort to enroll with as few

deficiencies as possible, students are encouraged to review the [ETCM Degree Checklists](#) to identify appropriate courses to build into their AAS degree at the community college. All deficiency courses must be completed before continuing with courses for which the deficiency is a prerequisite, or before any senior level courses may be taken. Transfer students should plan to complete all lower-division deficiency courses prior to transferring or will be required to take deficiency courses at UNC Charlotte upon transferring, prior to moving into junior/senior year coursework.

Recommended Transfer Courses: Students can refer to the [Undergraduate Academic Programs](#) for courses required for each engineering major. Students are also encouraged to complete University General Education requirements in addition to the major-specific suggested courses below:

| | MAT 172 | MAT 271 | MAT 272 | CHM 151 | PHY 151 | PHY 152 | Other Suggested Courses |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--|
| Civil ET | X | X | X | X | X | X | BPR 130 One of the following: CIV 125, ARC 114, CEG 151, DFT 151, or EGR 120 One of the following: CEG 210+CIV 111 or CIV 210+CIV 111 One of the following: SRV 110, SRV 111, or CST 211 |
| Construction Management | X | X | X | X | X | X | ACC 120 BPR 130 ECO 252 One of the following: CIV 125, ARC 114, CEG 151, DFT 151, or EGR 120 One of the following: CEG 210+CIV 111 or CIV 210+CIV 111 One of the following: SRV 110, SRV 111, or CST 211 |
| Electrical ET | X | X | X | | X | X | ELC 133 ELN 232 MAT 285 One of the following: CSC 133, 134, 153, 233, 234 One of the following: EGR 215, ELC 112, ELC 131 One of the following: EGR 212 or ELN 133 or ELN 141 |
| Fire & Safety Concentration: Fire Safety | X | | | X | X | | MAT 152, PSY 150 |
| BSET Fire & Safety Concentration: Occupational Safety | X | | | X | X | | MAT 152 |
| MET | X | X | X | X | X | X | MEC 275; One of the following: DFT 152 or 170; One of the following: MEC 210/ 250/251 or EGR 250/251; One of the following: ELC 111/131/138; One of the following: MEC 111 or MAC 111/141 |

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