

## **Fundamentals of Engineering – Certificate (FUEN.CERT)**

The Fundamentals of Engineering Certificate prepares students to transfer to, or enroll in, four-year institutions as engineering majors. The certificate fulfills many of the first two years of academic requirements for engineering programs. Certificate graduates could also find employment as engineering technicians. While students should verify information with their transfer institutions, these students are advised by mathematics and engineering faculty members according to their specific program goals for the best transfer options.

*Minimum credits: 32*

*Minimum cumulative GPA: 2.0*

*Minimum grade in all courses: 2.0*

*Minimum Jackson College credits: 8*

### **FUNDAMENTALS OF ENGINEERING CORE REQUIREMENTS (32 CREDITS)**

***Take the following:***

CEM	141	General Chemistry I
MAT	151	Calculus I
MAT	154	Calculus II
MAT	251	Calculus III
MAT	254	Differential Equations
PHY	251	Modern University Physics I
PHY	252	Modern University Physics II