

## **Frequently Asked Questions**

### **What is the Engineering Scholar's Program at Embry-Riddle (ESPER)?**

The ESPER Program at ERAU is a seven-week summer scholar's program for 25 Volusia County high school students. ESPER provides students with the opportunity to enroll in several first-year engineering courses. These courses provide students with the opportunity to learn more about engineering design, computer programming, and 3D modeling. Additionally, students will learn how to apply physics and mathematics to solve engineering challenges.

Upon successful completion of the program, students will earn three to five semester credit hours from Embry-Riddle Aeronautical University and one weighted elective credit from their home high school.

### **Which courses do I take as part of ESPER?**

You are to register for two courses.

#### **You must enroll in:**

EGR 101—Introduction to Engineering (2 credit hours)  
and

#### **Select one of the three following courses:**

EGR 115—Introduction to Computing for Engineers (3 credit hours)  
or  
EGR 120—Graphical Communications (3 credit hours)  
or  
EGR 195A—Spatial Visualization (1 credit hour)

### **Are there corequisite and prerequisite requirements for these courses?**

EGR 101 – does not have either a corequisite or prerequisite requirement

EGR 115 – must have already completed or are currently enrolled in Calculus

EGR 120 – must have completed the PSVTR with a score of 20 or higher

The PSVTR will be given during the mandatory student/parent meeting on May 11<sup>th</sup>

EGR 195a – does not have either a corequisite or prerequisite

### **When is class?**

All classes take place Monday through Thursday between 8 am and 12 noon.

### **How does dual enrollment credit work?**

Dual Enrollment- each of these courses is equal to a .5 weighted credit course for high school dual enrollment, on the 5.0 scale.

EGR-101 (2 credit hour) for a .5 weighted credit for dual enrollment,

EGR-115/EGR-120 (3 credit hour) for a .5 weighted credit for dual enrollment.

EGR-195A (1 credit hour) for a .5 weighted credit for dual enrollment.

**How will my grades be posted on my high school transcript?**

These courses will appear on your high school transcript as one elective credit with honors weighting.

**Are these courses transferable to other college and universities?**

Your course credits will be on your ERAU transcript. Each university and college will evaluate these courses to determine if these courses will transfer for credit.

**Do I need to attend the full program?**

Yes, you are to attend the full program (June 30 – August 06, 2020). Campus final exams are scheduled for the 8<sup>th</sup> and the 10<sup>th</sup> of August.

**Is transportation provided to ERAU's Daytona Beach Campus?**

No, you are responsible for providing your own transportation.

**What does the scholarship pay for?**

The scholarship will cover the entire cost of tuition and fees. Volusia County Schools will cover the cost of books for the two introductory engineering courses that are designed to introduce students to STEM and encourage their decision towards a career in STEM. In addition to innovative coursework, students will be mentored and advised by faculty and student mentors, participate in course-based lab experiences, and have access to all university facilities.