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***Lyman Academy of  
Engineering  
9<sup>th</sup> Grade Registration  
Information 2018-19***

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***How will I get the registration form?***

Registration for students in the Academy of Engineering will be electronic. You will receive a welcome email that will contain a link to complete a web registration form. Located on this form will be a link to an electronic copy of the Lyman High School Curriculum Guide. This lists and explains all of our class offerings. We will only accept the electronic web form for registration. Registration must be completed by **March 1<sup>st</sup>** in order to participate in the Academy of Engineering.

***How many classes does my student need to take?***

Students need to register for 7 credits. Most of the classes are 1 credit course meaning that they are yearlong. There are a few classes that are 0.5 credit and will need to be paired with another 0.5 credit course. Classes that are 0.5 credit are semester long (half-year) courses. All PE classes and some electives are 0.5 credit courses. The curriculum guide will tell you if a class is 1 credit or 0.5 credit.

***How do I pick my student's classes?***

We recommend that you talk with the middle school teachers for a recommendation on selecting honors or standard level academic courses. Our Curriculum Guide will list all of the classes available along with a description of the classes and any prerequisites for the classes. It would be helpful to visit the "Registration" section of the Lyman website to view the Registration Video and see the digital copy of the Curriculum Guide. Every student needs to take English, math, and science. In 9<sup>th</sup> grade social studies class is an elective course.

Foreign language is recommended to prepare for college but not required for graduation. Every engineering student is required to take Introduction to Engineering (IED). Robotics is a recommended elective class only open to engineering students.

***Requirements to participate in the Academy of Engineering?***

Students entering the 9<sup>th</sup> grade Academy of Engineering program are required to complete a summer readiness program. You will be contacted by an engineering teacher with the details prior to the summer. It is suggested that students that are enrolled in the Academy of Engineering have completed Algebra I by the time that they arrive in high school, but it is not required. Engineering is a math oriented curriculum so it is important to put forth the effort to develop your math skills.

***Is my student required to take honors classes?***

Engineering students are not required to take honors academic classes. However, the Academy of Engineering program is an Honors/Dual Enrollment level program. It is best suited for students working successfully at the honors level in their academic classes.

***What if my student is in the Gifted program?***

Students that are classified Gifted will be placed in honors classes with a certified Gifted teacher where available. The curriculum is the same as the honors curriculum however the teacher is certified to use learning strategies specific to Gifted students. Student may be scheduled with non-Gifted students. You will be invited to meet with a Lyman Gifted teacher and update the EP in August prior to the start of school.

### ***What if my student has an IEP?***

Students receiving ESE services through an IEP will have the same opportunity to take engineering classes as any other student. Your student should register for academic classes appropriate for their learning level. Your middle school ESE teacher and counselor would be a great resource to get class recommendations. In the spring prior to 9<sup>th</sup> grade you will be invited to attend an articulation IEP meeting to develop a transition IEP. At that time, you will be able to address specific learning concerns with and ESE teacher and/or counselor at Lyman High School.

### ***What if my student has a 504 plan?***

We recommend that you work with your current teachers and counselor to select the appropriate level of academic classes. You will be invited to a meeting in August after the start of school to update the 504 plan for your student's high school classes.

### ***What engineering classes can my student take?***

Engineering students are required to take Introduction to Engineering (IED). They have the option to also take Foundations of Robotics as an elective. The other engineering classes are not available to freshmen.

### ***Is dual enrollment mandatory?***

Yes. Students enrolled in Academy of Engineering classes will be required to participate in the dual enrollment program. Grades in the dual enrollment classes will show on the Lyman HS transcript and the Seminole State College transcript.

### ***Who can I contact with questions about the engineering curriculum?***

Our engineering teachers can be reached by email to answer questions about the classes they teach. Please refer to the Academy of Engineering webpage for contact information.

### ***Who is my student's counselor?***

#### **ESE Students (with an IEP)**

Mia White  
Mia\_White@scps.k12.fl.us

#### **ESOL Students**

Melinda Leftheris  
Melinda\_Leftheris@scps.k12.fl.us

#### **All other Students**

(assigned by last name)

##### **A-Con**

Mary Kemetz  
Mary\_Kemetz@scps.k12.fl.us

##### **Coo-Go**

Judy Lee  
Judy\_Lee@scps.k12.fl.us

##### **Gr-Man**

Mary Scalione  
Mary\_Scalione@scps.k12.fl.us

##### **Mar-Per**

Ryan Rogers  
Ryan\_Rogers@scps.k12.fl.us

##### **Pet-Sa**

Melinda Leftheris  
Melinda\_Leftheris@scps.k12.fl.us

##### **Sc-Z**

Mary Adessa  
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