

Still Exploring Engineering Planning to major in Aerospace, Civil, or Mechanical Engineering Typical First Semester Schedule (Students who place into MA 241 on ALEKS PPL and EGR 195A on PSVT:R)		
<u>Course prefix</u>	<u>Course Title</u>	<u>Credits</u>
Please register for the following courses:		
UNIV 101	College Success	1
COM18, COM20, COM122 or COM122NNS	Communication course based on results of CompEval	3
MA 241	Calculus and Analytical Geometry I	4
PS 150	Physics for Engineers I	3
EGR 195A	Spatial Visualization (19 or lower on PSVT:R)	1
EGR 115HYB	Introduction to Computing for Engineers	3
<p>Please Note: You will not be able to register for communication or math classes without completing the CompEval and the ALEKS PPL unless you already have credit through AP, IB, dual enrollment, or transfer credit <u>and</u> that credit has already been posted to your academic record.</p> <p>It is suggested that you take the CompEval and ALEKS PPL placements while you wait for your AP, IB, or other credit to post. Once new credit is added to your academic record you can self-register for the higher class or you can contact your academic advisor for assistance.</p>		
If needed, you can consider one of the following options as an alternate course.		
EGR 101 (any section*) and EGR 101A	Introduction to Engineering (Register for EGR101 and EGR101A at the same time)	2
Lower Level Social Science course	EC 200 An Economic Survey or EC 210 Microeconomics or EC 211 Macroeconomics or PSY 101 Introduction to Psychology or SS 110 World History or SS 115 Introduction to International Relations or SS 120 U.S. History	3
Total Credits for semester		15

See notes on scheduling classes on page 2, and on optional learning communities for COE students on page 3.

*Each section of EGR 101 Introduction to Engineering has a specific focus. If you have an interest in a particular major in the College of Engineering, you can register for a section related to that major.

Aerospace Engineering – Sections 11DB through 23DB

Civil Engineering – Section C1DB

Mechanical Engineering – Sections M6DB through M8DB

If you need assistance, please contact your advisor listed in your [Campus Solutions Student Homepage](#) >
Academic Advising

Notes on scheduling classes

Students can register for classes using the Class Search and Enroll screen in Campus Solutions. Students can also use the Schedule Planner tool found through Campus Solutions to assist in the scheduling process. Step by step directions for using either tool can be found at:

<https://daytonabeach.erau.edu/admissions/applied-students/register>

To be on track to graduate in four to five years, you should consider taking 15-16 credits per semester. While a student only needs to take a minimum of 12 credits to be considered a full time student during the fall or spring, any student can take up to 16 credits at the same tuition cost as taking 12 credits.

If you placed in COM 20 Fundamentals of Communication or EGR 195A Spatial Visualization, you can consider taking one of these courses for free during the Summer B term as part of the [Think SummER](#) program. A student would need to be registered for at least six credits during Summer B to be able to take COM 20 or EGR 195A for free.

Taking one or more summer courses is encouraged either to get ahead or to “catch up” in the sequence of required courses (if needed for a student that places into COM 20 and/or EGR 195A), in order to maximize your chances of progressing toward degree completion in a timely manner. If you need any practice for math during the summer, you are encouraged to use the interactive learning modules in ALEKS PPL.

You can find information about Think SummER at <https://daytonabeach.erau.edu/thinksummer/>

You can find information about first year engineering requirements at:

<https://catalog.erau.edu/daytona-beach/engineering/engineering-fundamentals/>

Optional learning communities for Engineering students

Holistic Modeling Learning Community

The Engineering Fundamentals department has created an *optional* holistic modeling learning community (HMLC). Throughout all of these courses there will be a greater emphasis on helping students develop fundamental modeling skills necessary for all future engineering courses and careers. Students will take EGR 115HYB with Dr. Rodgers in either Fall 2020 or Spring 2021 and EGR 120 with Dr. Verleger in the other semester. Students will also take a designated EGR 101 section with Professor Davids or Dr. Rodgers in Fall 2020 or Spring 2021. The EGR 101 and EGR 115HYB sections taught by Dr. Rodgers and EGR 120 sections taught by Dr. Verleger will only be available to students in the HMLC.

To enroll in these courses, you must receive force entry from Professor Davids (david10b@erau.edu). All Aerospace Engineering students that need to take all three courses are eligible. There will be up to 24 seats available in each section. These seats are available on a first come, first served basis. If you join the HMLC, you are guaranteed your other needed course/s for the spring (with the same set of professors teaching the same courses). For more information, please talk to your advisor or email Dr. Rodgers (rodgerk6@erau.edu).

Holistic Modeling Learning Community Course Sections (for Fall 2020) (same courses/professors available for Spring 2021)				
Course Number and Title	Credit hours	Section (Class number)	Time	Professor
EGR 101 Introduction to Engineering <i>Take this course in Fall 2020 or Spring 2021</i>	2	Section 12DB (1365)	MW 10 – 10:50 am	L. Davids
	2	Section 19DB (2297)	T/TH 10:10 – 11:00 am	K. Rodgers
EGR 115HYB Intro to Computing for Engineers <i>Take this course in Fall 2020 or Spring 2021 (not the same semester as EGR 120)</i>	3	Section 15DB (3575)	T/TH 8:15 – 9:30 am	K. Rodgers
	3	Section 16DB (3576)	T/TH 11:15 – 12:30 am	K. Rodgers
EGR 120 Graphical Communications <i>Take this course in Fall 2020 or Spring 2021 (not the same semester as EGR 115HYB)</i>	3	Section 10DB (2126)	MW 12 – 1:45 pm	M. Verleger
	3	Section 11DB (1287)	MW 2 – 3:45 pm	M. Verleger