

| <b>Still Exploring Engineering</b><br><b>Planning to major in Aerospace, Civil, or Mechanical Engineering</b><br><b>Typical First Semester Schedule</b><br>(Students who place into MA 143 on <a href="#">ALEKS PPL</a> and EGR 195A on PSVT:R)   |  |                |
|---|--|----------------|
| <u>Course</u>   | <u>Course Title</u>  | <u>Credits</u> |
| <b>Please register for the following courses.</b>   |  |                |
| EGR 101 (any section*)<br>and<br>EGR 101A   | Introduction to Engineering<br>(Register for EGR101 and EGR101A at the same time)  | 2              |
| UNIV 101  | College Success  | 1              |
| COM 18, COM 20, COM 122 or COM 122NNS   | Communication course based on results of <a href="#">CompEval</a>  | 3              |
| MA 143  | Precalculus Essentials   | 3              |
| EGR 195A  | Spatial Visualization (19 or lower on PSVT:R) – See note above   | 1              |
| <p><b>Please Note:</b> You will not be able to register for communication or math classes without completing the <a href="#">CompEval</a> and the <a href="#">ALEKS PPL</a> 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 <a href="#">CompEval</a> and <a href="#">ALEKS PPL</a> 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> |  |                |
| <b>Please register for one of the courses below.</b>  |  |                |
| Lower Level Social Science course   | EC 200 An Economic Survey <b>or</b> EC 210 Microeconomics <b>or</b> EC 211 Macroeconomics <b>or</b> PSY 101 Introduction to Psychology <b>or</b> SS 110 World History <b>or</b> SS 115 Introduction to International Relations <b>or</b> SS 120 U.S. History | 3              |
| **EGR 195B and EGR 195BL  | Introductory Problems for Engineering Applications <b>and</b> Introductory Problems for Engineering Applications Lab   | 4              |
| <b>Total Credits for semester</b>   |  | <b>13-14</b>   |

See notes on scheduling classes on page 2.

\*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

\*\* **Please Note:** Although EGR195B does not count directly towards any College of Engineering degree, students who successfully complete the course might be able to take ES 201 sooner, potentially decreasing time to degree completion and, according to research, are more likely to succeed (persist to graduation) in Engineering than students who do not take the course.

## 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, EGR 195A Spatial Visualization, or MA 143 Precalculus Essentials, you can consider taking one of these courses for free during the Summer B term (which runs from June 30<sup>th</sup> through August 12<sup>th</sup> including orientation and final exams) 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 one of the courses listed above for free.

If you are unable to attend classes during the Summer B term and placed into MA 143 on the ALEKS PPL placement exam, you are encouraged to use the interactive learning modules on the ALEKS website prior to retaking the placement exam. If you place into MA 241 Calculus and Analytical Geometry I on the second or third attempt at the placement exam, you can try registering for MA 241 for the fall instead (along with co-requisites for MA 241).

Taking one or more summer courses and/or using ALEKS PPL to retest for math is encouraged because the courses listed above are designed to prepare students for the first required Communication, Engineering, and Mathematics courses in the College of Engineering.

You can find information about first year engineering requirements at:

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

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

If you need assistance with scheduling classes, contact First Year Programs at [dbfyprog@erau.edu](mailto:dbfyprog@erau.edu) or 386-226-7073. You may also contact Mary Chilson directly at [chilsonm@erau.edu](mailto:chilsonm@erau.edu) or 386-226-4964.