



ENGINEERING

NOW!

A PSEO PROGRAM DESIGNED FOR MOTIVATED HIGH SCHOOL SENIORS INTERESTED IN GETTING A HEAD START ON THEIR ENGINEERING DEGREE

ELIGIBILITY REQUIREMENTS:

- A senior in a Minnesota public or private high school, or senior-level equivalency in a home school program
- 3.0 minimum high school cumulative GPA
- Must meet with a Dunwoody Admissions Counselor (*in-person or virtually*) prior to submitting application

Math prerequisites:

- Minimum of three years high school math, including Algebra 2 and Trigonometry
- 3.0 minimum cumulative math GPA
- Pre-Calculus, Derivative Calculus, and Integral Calculus courses also accepted

APPLICATION PROCESS:

1. Meet with a Dunwoody Admissions Counselor (virtually or in-person) prior to submitting an application
2. Apply to Dunwoody
3. With your High School Counselor, complete the *Minnesota PSEO Notice of Student Registration Form* and the *PSEO Worksheet*
4. Have your High School transcripts sent to Dunwoody
5. Work with your Admission's Counselor and the Registrar's Office to determine your final schedule

ENROLLING FOR FALL 2025

Mechanical Engineering PSEO Pathway

Earn college credits from an ABET accredited engineering program, while also meeting your high school requirements, and get a head start on your degree in Mechanical Engineering.

Learn hands-on in a small-campus environment with dedicated faculty who have worked professionally in the engineering field. **Start your engineering classes from the first semester.**

Want to learn more? dunwoody.edu/engineering-now

Students accepted into the **Engineering NOW!** program are considered to be **full-time Dunwoody students** and will be on campus for their school day. Dunwoody does offer a part-time PSEO option for high school students separate from the **Engineering NOW!** program. Visit dunwoody.edu/pseo for more information.



MATH1700 *Pre-Calculus*

MATH1811 *Calculus I*

MATH1821 *Calculus II*

MATH2260 *Probability and Statistics*

MATH2810 *Multi-Variable Calculus*

MATH2820 *Linear Algebra & Differential Equations*

PHYS1800 *Physics I with Lab*

PHYS1820 *Physics II with Lab*

CHEM2110 *Chemistry with Lab*

SSCI1100 *Introduction to Macro & Micro Economics*

ORAL COMMUNICATIONS

WRITTEN COMMUNICATIONS

HUMANITIES ELECTIVE

ENGR1110 *Introduction to Engineering*

ENGR1210 *Intro to Programming*

ENGR1221 *Electrical Circuits & Automation with Lab*

ENGR2210 *Mechatronics*

ENGR3120 *Engineering Economics*

ENGR4120 *Principles of Quality, Lean Mfg. & DOE*

MENG1110 *Engineering Drawings & 3D Design*

MENG1210 *Machining for Engineers Lab*

MENG1220 *Machining for Engineers Lecture*

MENG3130 *Thermodynamics*

MENG3140 *Materials Science*

MENG1230 *Statics*

MENG2230 *Dynamics*

MENG2240 *Mechanics of Materials*

MENG3111 *Design for Manufacturability & Lab*

MENG3212 *Measurements & Lab*

MENG3230 *Fluid Mechanics*

MENG3241 *Machine Design & Failure Analysis*

MENG3250 *Heat Transfer*

ENGR4110 *Engineering Ethics*

MENG4111 *Control of Dynamic Systems & Lab*

MENG4130 *Finite Element Analysis*

MENG4141 *Senior Design I*

MENG4211 *Heat Transfer Apps & HVACR & Lab*

MENG4240 *Senior Design II*

FIRST-YEAR ENGINEERING COURSES MAY INCLUDE:

- Introduction to Programming (3 credits)
- Introduction to Engineering (3 credits)
- Engineering Drawings & 3D Design (4 credits)
- Machining for Engineers with Lab (4 credits)