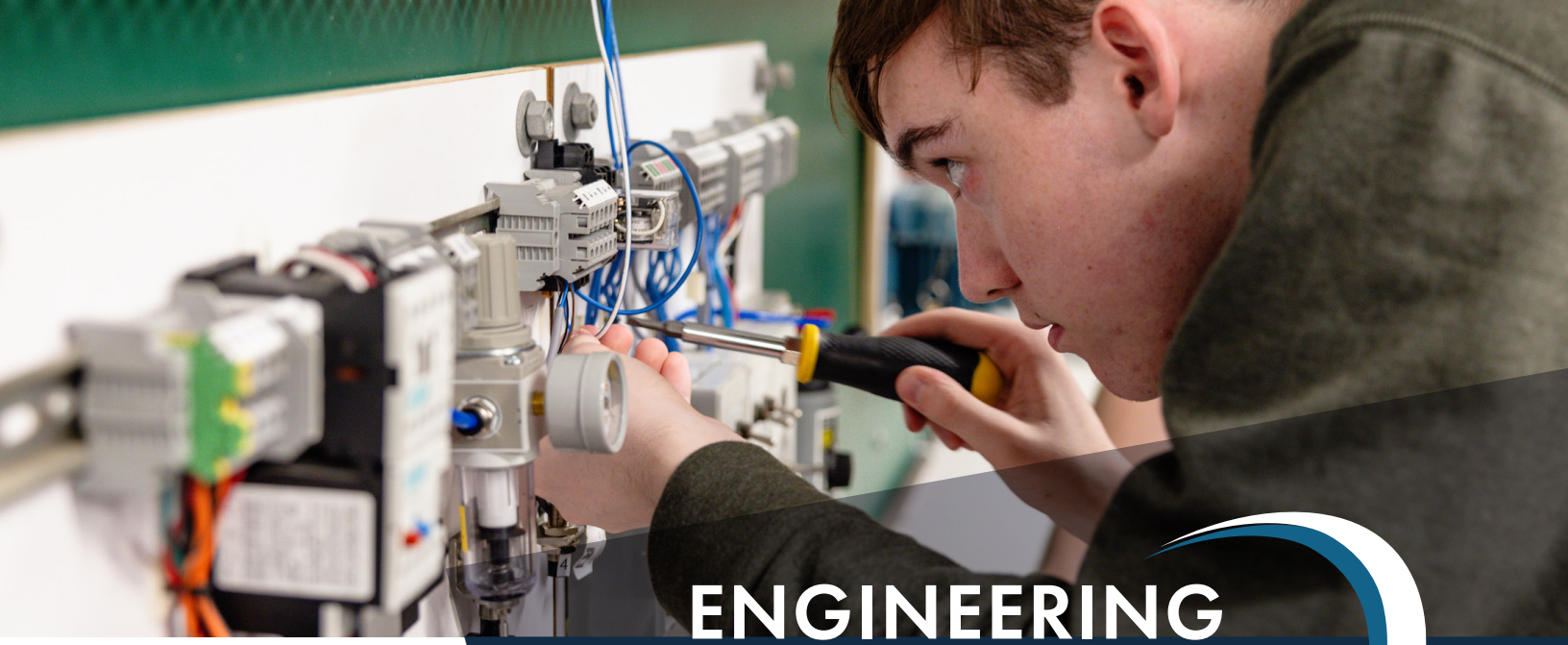

ENGINEERING *now!*

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 PSEO Coordinator *(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

FIRST-YEAR COURSES INCLUDE:

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

APPLICATION DEADLINE: MAY 30

Limited spots available!

ENROLLING FOR FALL 2024

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.***

ATTEND AN INFORMATION SESSION!

Interested in learning more? RSVP for an Info Session at 4 p.m. on March 12. Held during our monthly Open House, this breakout session will be an opportunity to meet with faculty, ask questions, and tour the engineering spaces.

DUNWOODY
COLLEGE OF TECHNOLOGY

Get Started Today! Meet with a Dunwoody Admissions Representative to find out if ***Engineering NOW!*** is the right fit for you. Phone: 612.374.5800 | admissions@dunwoody.edu

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MECHANICAL ENGINEERING, B.S.

PSEO PATHWAY – *NINE SEMESTER PLAN* *(EXAMPLE)*

YEAR 1 SEMESTER 1	MATH1700 *Pre-Calculus*	ENGR1210 *Intro to Programming*	ORAL COMM. *(Ex: SPCH1000)*	ENGR1110 *Introduction to Engineering*	MENG1110 *Engineering Drawings & 3D Design*
16 Total Credits	*3 Credits*	*3 Credits*	*3 Credits*	*3 Credits*	*4 Credits*
YEAR 1 SEMESTER 2	WRITTEN COMM. *(Ex: WRIT2010)*	CHEM2110 *Chemistry with Lab*	HUMANITIES ELECTIVE	MENG1220 *Machining for Engineers Lecture*	MENG1210 *Machining for Engineers Lab*
14 Total Credits	*3 Credits*	*4 Credits*	*3 Credits*	*2 Credits*	*2 Credits*
YEAR 2 SEMESTER 1	MATH1811 *Calculus I*	PHYS1800 *Physics I with Lab*	ECON1000 *Intro to Micro & Macro Economics*	SOCIAL SCIENCE ELECTIVE	
14 Total Credits	*4 Credits*	*4 Credits*	*3 Credits*	*3 Credits*	
YEAR 2 SEMESTER 2	MATH1821 *Calculus II*	PHYS1820 *Physics II with Lab*	ENGR1221 *Electrical Circuits & Automation with Lab*	MENG3140 *Materials Science*	
15 Total Credits	*4 Credits*	*4 Credits*	*4 Credits*	*3 Credits*	
YEAR 3 SEMESTER 1	MATH2810 *Multi-Variable Calculus*	MATH2260 *Probability and Statistics*	MENG3130 *Thermodynamics*	MENG1230 *Statics*	
15 Total Credits	*4 Credits*	*4 Credits*	*4 Credits*	*3 Credits*	
YEAR 3 SEMESTER 2	MATH2820 *Linear Algebra & Differential Equations*	ENGR3120 *Engineering Economics*	MENG2240 *Mechanics of Materials*	ENGR4120 *Principles of Quality, Lean Mfg. & DOE*	MENG3111 *Design for Manufacturability & Lab*
15 Total Credits	*4 Credits*	*2 Credits*	*3 Credits*	*3 Credits*	*3 Credits*
YEAR 4 SEMESTER 1	MENG3250 *Heat Transfer*	MENG4141 *Senior Design I*	MENG3230 *Fluid Mechanics*	MENG2230 *Dynamics*	
12 Total Credits	*3 Credits*	*3 Credits*	*3 Credits*	*3 Credits*	
YEAR 4 SEMESTER 2	MENG4130 *Finite Element Analysis*	MENG4240 *Senior Design II*	MENG4111 *Control of Dynamic Systems*	MENG4211 *Heat Transfer Apps & HVACR & Lab*	
15 Total Credits	*3 Credits*	*4 Credits*	*4 Credits*	*4 Credits*	
YEAR 5 SEMESTER 1	ENGR2210 *Mechatronics*	MENG3241 *Machine Design & Failure Analysis*	ENGR4110 *Engineering Ethics*	MENG3211 *Measurements & Lab*	
11 Total Credits	*2 Credits*	*3 Credits*	*2 Credits*	*4 Credits*	

Sample plan, final courses could vary.