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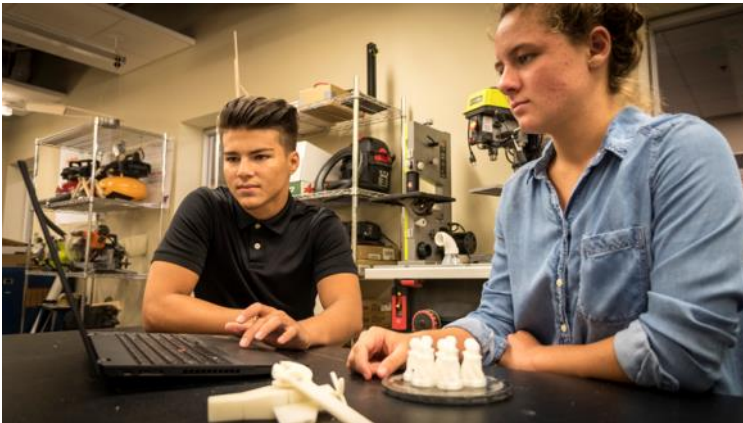
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623.773.6701

## MET ENGINEERING & INNOVATIONS

### IN THIS PROGRAM, STUDENTS WILL:

- Realize their strengths and passions by exploring engineering fundamentals, entrepreneurship and innovation
- Gain knowledge and skills through hands-on, project-based learning
- Cultivate professional skills critical to success in all college and career endeavors
- Use design thinking to develop innovative solutions to improve the lives of others
- Work alongside a diverse range of industry professionals from companies and organizations such as: APS, Engineering Projects in Community Service (EPICS), SEED SPOT, Digital Promise Global, CO+Hoots, and Meritage Homes.
- Develop viability models contributing to real-world solutions to current and future challenges
- Apply a creative approach to problem solving through human-centered design
- Utilize state-of-the-art technology and tools for prototyping



**APPLY NOW!** Download the application at: [www.peoriaunified.org/met](http://www.peoriaunified.org/met)

### STEPS TO SUBMIT YOUR APPLICATION

Step 1: Complete all form fields on the application

Step 2: Meet with your counselor to obtain his or her approval

Step 3: Submit your completed application to your counselor



## HIGH SCHOOL COURSE SEQUENCE

### First Year:

#### Semester One

MET Engineering I—Design Thinking  
MET Engineering I Professional Internship

#### Semester Two

MET Engineering II—Innovation  
MET Engineering II Professional Internship

### Second Year:

#### Semester Three

MET Engineering III—Entrepreneurship  
MET Engineering III Professional Internship

#### Semester Four

MET Engineering IV—Capstone Project  
MET Engineering IV Professional Internship



## COLLEGE DUAL-ENROLLMENT COURSES

### Engineering Analysis Tools and Techniques (ECEI02) – 2 credits

Learning culture of engineering, engineering use of computer tools, and computer modeling as applied to engineering analysis and design. Prerequisites: Two years of high school algebra or MAT122 or permission of Department or Division.

### Engineering Problem Solving and Design (ECEI03) – 2 credits

Fundamentals of the design process: engineering modeling, communication and problem-solving skills in a team environment. Emphasis on process-based improvements to the design process. Introduction to engineering as a profession. Prerequisites: ECEI02

## PROGRAM PARTNERS

Glendale Community College (founding dual-enrollment partner)

ASU Ira A. Fulton Schools of Engineering

ASU Office of Entrepreneurship + Innovation

ASU Center for Gender Equity in Science and Technology

## CERTIFICATIONS

OSHA –10, SolidWorks Certified Associate (CSWA), Mechanical and Electronic Torque, Multimeter, Precision Measurement