

Modesto Junior College and Stanislaus County Office of Education

Present

Summer Academies 2022

Engineering Academy



Design Your Future

This Summer Industry Academy will teach the process that engineers use to solve problems. The “engineering design process” is a tool used every day by practicing engineers all over the world to create solutions for our most pressing problems. Students will learn the basics of the process and some of the skills involved like basic 3D computer modeling, prototyping with 3D printing, and strength testing in MJC’s materials test lab. Get a glimpse into the everyday life of a practicing engineer by experiencing the steps of the engineering design process.

Students Will:

- **Earn 1 unit of college credit** in GUIDE 111: Career Exploration
- Tour East and West Campus locations and the Materials Testing Lab
- Have the opportunity to experience the design process engineers use to solve problems
- Complete an MJC Educational Plan with an MJC Counselor
- Will take **ENGR 100- Introduction to Engineering and Industrial Technology** in **Fall 2022** with their summer cohort classmates

Two-Week Schedule: June 13-16th, and 20th-23rd, 2022:

- Daily sessions held Mon-Thurs, 8:30am-12:00pm
- All sessions are scheduled to be held on the MJC campuses
- Students will need to plan for additional time for assignments
- No class on Fridays

MJC COVID-19 safety protocols are subject to change at any time based on local conditions and county, state, and/or federal guidelines. Students will be notified of changes prior to the start of the Academies.

For more information contact:

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