



## ENGINEERING, AEROSPACE & ROBOTICS

Do you have any interest in rockets, robots, drones, hands-on projects like concrete canoes or hydraulic claws? In the Engineering Pathway, you will learn the Engineering Design Process to complete projects similar those listed above. Going through this pathway can lead you into careers such as Aerospace Engineering, Robotics Engineering, Civil Engineering, Mechanical Engineering, Electrical Engineering, and more. You will learn industry standard tools and work towards certifications such as FANUC robotic programming and AutoCAD, as well as, have the opportunity to work directly with NASA engineers based out of Johnson Space Center. I look forward to helping you build the skills you need for success in your future career.

If you have any questions, or would like additional information, please refer to the MFISD CTE Homepage for Engineering Program contact information.

[See FANUC Robotics in action!](#)

[Click here for Engineering Frequently Asked Questions](#)

Engineering Pathway	
<i>Principles of Applied Engineering</i>	9-12
<i>Engineering Design &amp; Presentation</i>	10-12
<i>Eng. Design &amp; Presentation : Aerospace</i>	10-12
<i>Robotics</i>	11-12
<i>Engineering Design &amp; Problem Solving</i>	11-12
<i>STEM Practicum (2 credits)</i>	12
<i>Possible Cert: FANUC Robotics Controller, AutoCAD</i>	

