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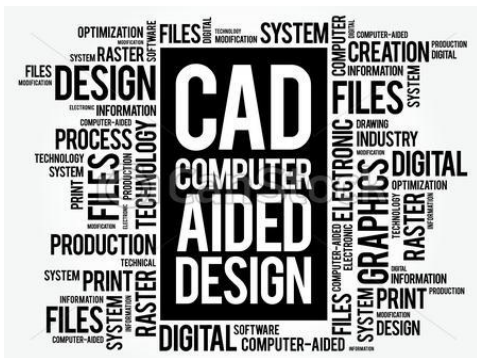
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Foundations of Technology is a gateway course that leads you to the exciting world of engineering and technical careers. You will have an opportunity to develop both individual and group problem solving skills as you construct hands on activities that promote invention and creativity.

Units covered in Foundations of Technology include:

Digital Citizenship

- Learn to keep yourself and your computer safe while online.
- Explore cyber security and the great potential for careers in this area.
- Learn computer skills useful to your other classes and later in life.



Sketching, Computer Aided Design (CAD) and 3D Modeling/Printing

- Learn the basics of technical sketching useful now and in later life.
- Learn Computer Aided Design (CAD) – Design exciting projects
- Apply principles of graphic design to your own creations
- Learn the basic photoshop tools to complete a range of mini-activities.
- Create a promotional design to advertise a product you design.

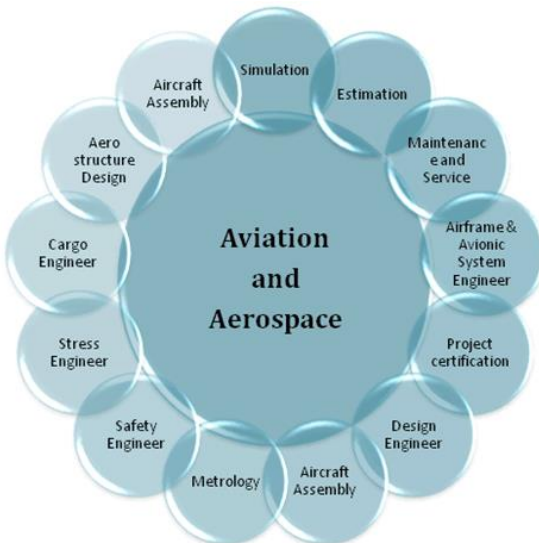
Manufacturing

- Learn how to use woodworking tools and machines.
- Learn about the various manufacturing careers available.
- Build fun projects.



Flight in Action

- Learn the physics and principles of flight.
- Build and fly planes to test various principles.
- Discover the wide variety of aviation careers available.



Foundation of Technology is FUN and you learn things that prepare you for your future !!!