

## Computer Aided Design

Students learn the basics of mechanical and machine design using industry standard CAD software.

- 3D parametric modeling
- Creation of Part and Assembly Models
- Part and Assembly Drawings files
- Design Process

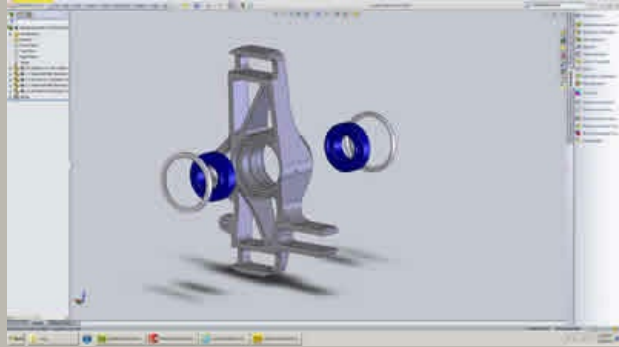
The final three weeks of class will be comprised of a capstone design project.

### Class Website:

Class assignments and resources can be found on the class website located at: <http://davincilab.org/classes/drafting>

### Software:

[Solidworks 2010-11](#)



### Attendance:

We have a lot to cover in the short time we have together. It is expected that everyone comes to class on time and ready to learn.

### Conduct:

Students are expected to conduct yourself in a respectful manner toward the learning environment and other students.

### Grading Policy

Grades are regularly updated on Infinite Campus. Parents and students should frequently monitor grades.

Quality of Work	Points Awarded
Work not turned in	0
Minimal, but reasonable effort	65
Requirements met with 3+ errors	75
Requirements met with 1-2 errors	85
All requirements met	95
Awarded for going above and beyond	95+

### Late Work Policy

Any work will be accepted at any time for full credit up to 95 pts.

### Homework:

There will be occasional homework assignments, however most of the work for this class will require lab resources to complete and will be done in class.

2010-11