

## Industrial Technology

**461-3 Computer Aided Visualization. (2-4)** The principles of computer aided visualization and simulation as they relate to mechanical design and assemblies. Software tools will be used to analyze parametric parts and assemblies for strength, function, range of motion and interference. Photorealistic animation and images will also be produced to simulate realistic lighting, texture, and colors. Lab fee \$10. Prerequisite Course(s): IT 361 or approval of the instructor.

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In course descriptions, the digit following the course number is the number of semester credit hours. For example, ENGL 111-3 is a freshman level course worth 3 semester hours of credit. The numbers in parentheses following the course number (for example, 3-2) indicate the number of clock hours per week devoted to theory and practice, respectively. (WI) indicates that sections of this course will be offered as writing intensive.