CRYOGENIC ENGINEERING CONCENTRATION
(12 Credits)

IMPORTANT: 1) For the latest and most accurate version of this concentration, please refer to the Dept. of Mechanical Engineering website. Earlier versions are invalid and will not be honored. 2) You MUST meet with the ME junior/senior advisor and arrange for the concentration code to be added to your record PRIOR to applying for graduation. This ensures that the concentration statement will appear on your final transcript. To make an appointment, call 517-355-3338.

A mechanical engineering degree with the cryogenic engineering concentration signifies the interests and expertise of students in thermal and mechanical analysis and design techniques as applied to cryogenic engineering applications. To complete a Bachelor of Science degree in mechanical engineering with an engineering mechanics concentration, students must complete the requirements for the B.S. degree, including the following 12 credits:

• ME 413  Cryogenic-Thermal Systems 3 credits (Spring Only)
• ME 414* Mechanical Design of Cryogenic Systems 3 credits (Fall Only)
• ME 416* Computer Aided Design of Thermal Systems 3 credits (Fall Only)
• ME 442* Turbomachinery 3 credits (Spring Only)

CREDIT DISTRIBUTION: The 12 credits in the concentration will fulfill the Senior Elective requirement, including the “design intensive” course component. Completion of the option will be noted on the final transcript.

The asterisk (*) signifies that the course is design intensive.