

MECH/IND/MFG ENGINEERING (MIME)

MIME 101, INTRODUCTION TO MIME, 3 Credits

Provides students with an overview of mechanical, industrial, manufacturing, and energy systems engineering careers and an introduction to technical areas of study. Skills necessary for success in both the academic curriculum and in the engineering profession will also be emphasized, including communication and ethics. Lec/rec.

Equivalent to: ME 101, MIME 101H

MIME 101H, INTRODUCTION TO MIME, 3 Credits

Provides students with an overview of mechanical, industrial, manufacturing, and energy systems engineering careers and an introduction to technical areas of study. Skills necessary for success in both the academic curriculum and in the engineering profession will also be emphasized, including communication and ethics. Lec/rec.

Attributes: HNRS – Honors Course Designator

Equivalent to: MIME 101

MIME 199, SPECIAL TOPICS, 0-4 Credits

Equivalent to: MIME 101

MIME 299, SPECIAL TOPICS, 0-4 Credits

This course is repeatable for 4 credits.

MIME 399, SPECIAL TOPICS, 0-4 Credits

Special topics in mechanical, industrial, and manufacturing engineering.

This course is repeatable for 16 credits.

MIME 497, ^MIME CAPSTONE DESIGN, 4 Credits

Integrates engineering knowledge and experience by applying skills to work on real-world engineering project. Involves product design; selection and replacement of major tools, processes, and equipment; paperwork controls; subsystem revision; system or plant revision; selection and training of personnel; and long-run policies and strategy. (Writing Intensive Course)

Attributes: CWIC – Core, Skills, WIC

Prerequisite: (IE 355 with C or better and IE 356 [C] and IE 366 [C] and IE 367 [C] and IE 368 [C] and WR 327 [C]) or (MATS 322 [C] and ENGR 390 [C] and ME 250 [C] and (ME 312 [C] or ME 312H [C]) and (ME 317 [C] or ME 317H [C]) and (ME 382 [C] or ME 382H [C]) and (ME 383 [C] or ME 383H [C]) and (ST 314 [C] or ST 314H [C]) and WR 327 [C])

Equivalent to: IE 497, ME 497

MIME 498, ^MIME CAPSTONE DESIGN, 4 Credits

Product design; selection and replacement of major tools, processes, and equipment; paperwork controls; subsystem revision; system or plant revision; selection and training of personnel; long-run policies and strategy. (Writing Intensive Course)

Attributes: CWIC – Core, Skills, WIC

Prerequisite: MIME 497 with C or better or ESE 497 with C or better

Equivalent to: ESE 498, IE 498, ME 498

MIME 504, WRITING AND CONFERENCE/ EXPLORATION, 1-9 Credits

Students will be allowed to register for a variable number of MIME 504 credits to bring their registration up to full-time status (9 credits). Graded P/N.

Equivalent to: IE 504, ME 504, ROB 504

This course is repeatable for 15 credits.

MIME 507, SEMINAR/NEW STUDENT ORIENTATION, 1 Credit