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PH 0282	A	39006	Violence and the Sacred	TF 1230-0145pm	Labinski, M
PH 0323	A	38867	Philosophy of Mind	MR 0930-1045am	DeWitt, W
PS 0071	A	37495	Physics of Light and Color	MR 0330-0445pm	Das, B
PS 0260	A	38953	Intro to Biomedical Optics	MR 1230-0145pm	Das, B

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PG 0211	A	37379	Interm Brazilian Portuguese II	W 0630-0900pm	Farrell, M
PY 0111	B	38041	Dev Psychology for Non-Majors	TR 0645-0800pm	Creane, M

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SO 0192	A	38825	Cancelled		
SO 0193	A	38194	History of Social Welfare	W 0200-0430pm	Oliver, K
SP 0111	G	38447	Cancelled		

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IS 0100	G	38197	Intro to Information Systems	R 0630-0900pm	Mutlu, M
IS 0100	H	38777	Intro to Information Systems	T 0630-0900pm	Sklar, D

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MG 0300	C	37245	Bus Strategy Global Envir	TF 0200-0315pm	Giapponi, C
MG 0320	A	37123	Cancelled		

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OM 0101	H	38198	Operations Management	R 0630-0900pm	Sklar, D
OM 0140	A	38781	Project Management	T 0630-0900pm	McCabe, T

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EE 0360	A	38920	Power Electronics	W 0630-0900pm	Denenberg, J
EE 0380	A	38922	Wireless Systems I	R 0630-0900pm	Denenberg, J
EG 0145	B	37833	Mathematical Analysis	MR 1100-1215pm	Belfadel, D
EG 0145	C	39141	Mathematical Analysis	MR 0200-0315pm	Belfadel, D
ME 0310L	A	39123	Product Manufacturing Lab	F 0200-0400pm	STAFF
ME 0324	A	39124	Micro and Nano Manufacturing	R 0630-0900pm	Srinivas Sundarram, S

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MC 0300	A	37118	Feedback & Control Systems	MW 0500-0615pm	Denenberg, J
MF 0250	A	39127	Programmable Logic Control Sys	M 0630-0900pm	Craciun, C

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NS 0305	B	39081	Cancelled		
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EG 360 – Engineering Project Management

This course concentrates on the general methodology of managing an engineering project from concept to operational use with emphasis on the functions, roles, and responsibilities of the project manager. Study of the basic principles and techniques related to controlling resources (i.e. people, materials, equipment, contractors, and cash flow) to complete a project on time and within budget while meeting the stated technical requirements. Through group and individual activities, including case study review and field work, students will learn to apply project management tools and techniques. The course will be taught by teaching each phase of project management as we complete the relevant aspects of the project in the field. There will be some classroom time for introducing concepts, and planning. However, the majority of time each day will be spent in the field executing the project, putting into practice the phases of project management. The course will prepare students with the ability to learn the necessary background information and hands-on technical skills, to be flexible and adaptable in difficult environments. These skills will be valuable in many areas, particularly in the planning and execution of humanitarian action and engineering in developing countries. Three credits. Permission of instructor required and student must be able to study abroad.

ENW 337 – Multimedia Writing

The purpose of this class is to encourage students to question how rhetoric functions in and through multimodal texts. Specifically, our goal throughout this course is to answer the question: what makes for an effective multimodal text? We will examine how meaning is construed through the use of images, sounds, arrangements, colors, shapes, sizes, movement, and fonts. We will analyze the ways rhetors construct multimodal texts, and we will also create our own multimodal texts. Together we will learn to use Photoshop, iMovie, Dreamweaver, CSS, and HTML in order to create rhetorically savvy multimodal texts. Three credits.

ME 310L – Product Manufacturing Lab

This course is designed to be an introductory course in the Product Manufacturing field. The course provides theoretical concepts as well as the development of the knowledge and skills required in CNC programming, machine setup and operation, 3D printing, laser, manual machining and metrology. The laboratory portion emphasizes practical application of CNC machine tools, 3D printing, and manual machining, which involve set-ups and procedures for operation. One credit.

ME 324 – Micro and Nano Manufacturing

This course will introduce students to the latest advancements in micro and nano manufacturing. The course will enable students to become familiar with advanced manufacturing techniques in light of the global emphasis on micro and nano manufacturing. Topics to be covered include lithography, mechanical micromachining, laser fabrication, polymers and nanocomposites, and nano imprinting. The important topics of metrology and process control at the micro and nano scale will also be discussed. Students will conduct a class project integrating the different processes for an application in electromechanical or biomedical field. A lab component is also present where students get a hands-on experience with material processing and characterization tools. Three credits. Prerequisites: Senior standing, PS 16, CH 111, MF 207, or Instructor's Permission for non-ME students.

MF 250 – Programmable Logic Control (PLC) Systems

This course introduces the design and implementation of programmable logic controllers for use in industry in the areas of automation, manufacturing, and other related applications. It takes an overall look at Programmable Logic Controllers while concentrating on relay ladder logic techniques and how the PLC is connected to external components in an operating control system. State-of-the-art software used includes: MultiSim, LabView, Cosivis, Veep, and RS Logix 500. The course also covers input/output ports, continuous process control, timing and counting functions, chaining sequences, and digital gate logic. The course consists of lectures, group discussions, case studies, a term project, computer simulation, and laboratory. Three credits. Prerequisite: PS 16.