

**COE Required and Elective Courses for the Entrepreneurship and Technology Management Track
Academic Year 2008-2009**

Fall 2008

Course #	CRN	Course Title	Day/Time	Professor	Required/ Specialization
ENGN 1900	13248	The Construction of the Entrepreneurial Enterprise	6:00-8:30, M	Cohen	Required
ENGN 1930G	13254	Entrepreneurship I (Capstone Project)	2:00-2:50, MWF	Suuberg	Required

Biotechnology

BIOL 0170	11770	Biotechnology in Medicine	12:00-12:50,	Zielinski,	Specialization
BIOL 0200	NA	The Foundation of Living Systems	no fall		Specialization
ENGN 0410	13053	Materials Science	11:00-11:50, M; 9:00-10:20, TR	Chason, Palmore	Specialization
ENGN 1490	14500	Biomaterials	3:00-5:20, W	Webster	Specialization

Nanotechnology

ENGN 0410	13053	Materials Science	11:00-11:50, M; 9:00-10:20, TR	Chason, Palmore	Specialization
ENGN 1490	14500	Biomaterials	3:00-5:20, W	Webster	Specialization
ENGN 1930B	15753	Biophotonics	10:30-11:50, TR	Nurmikko	Specialization

Information Technology

CSCI 0150	10489	Introduction to Object Oriented Programming and Computer Science	2:30-3:50, TR	van Dam	Specialization
ENGN 0520	NA	Electrical Circuits and Signals	no fall		Specialization
ENGN 1630	13245	Digital Electronics Systems Design	3:00-4:20, MW	Dworak	Specialization
ENGN 1640	NA	Design of Computing Systems	no fall		Specialization

Manufacturing and Design

APMA 1210	11370	Operations Research: Deterministic Models	9:00-10:20, TR		Specialization
ENGN 0310	13030	Mechanics of Solids and Structures	9:00-9:50, MWF	Gao	Specialization
ENGN 1740	NA	Computer Aided Visualization and Design	no fall		Specialization
ENGN 1930M	13260	Industrial Design	TBA/Arranged	Bull	Specialization

Energy and Environment

ENGN 0720	NA	Thermodynamics	no fall		Specialization
ENGN 1120	15751	Chemical Reactor Design	1:00-2:20, TR	Calo	Specialization
ENGN 1130	13210	Phase and Chemical Equilibria	2:30-3:50, TR	Hurt	Specialization
ENVS 0110	12240	Environmental Issues: Policy and Science	10:00-10:50,	Karp	Specialization

Photonics and Device Technology

ENGN 0510	13060	Electricity and Magnetism	10:00-10:50,	Zaslavsky, Xu	Specialization
ENGN 1590	13243	Introduction to Semiconductors and Semiconductor Electronics	10:00-10:50, MWF	Beresford	Specialization
ENGN 1680	NA	Design of Semiconductor Devices	no fall		Specialization
ENGN 1930B	15753	Biophotonics	10:30-11:50, TR	Nurmikko	Specialization

Functional Materials

ENGN 0410	13053	Materials Science	11:00-11:50, M; 9:00-10:20, TR	Chason, Palmore	Specialization
ENGN 1470	15752	Structure and Properties of Non-Metallic Materials	6:00-7:20, TR	TBA	Specialization
ENGN 1480	NA	Metallic Materials	no fall		Specialization
ENGN 1490	14500	Biomaterials	3:00-5:20, W	Webster	Specialization

Spring 2009

Course #	CRN	Course Title	Day/Time	Professor	Required/ Elective
ENGN 1900	NA	The Construction of the Entrepreneurial Enterprise	no spring		Required
ENGN 1930H	22238	Entrepreneurship II (Capstone Project)	2:00-2:50, MWF	Suuberg	Required

Biotechnology

BIOL 0170	NA	Biotechnology in Medicine	no spring		Specialization
BIOL 0200	21470	The Foundation of Living Systems	11:00-11:50,	Miller, Stein	Specialization
ENGN 0410	NA	Materials Science	no spring		Specialization
ENGN 1490	NA	Biomaterials	no spring		Specialization

Nanotechnology

ENGN 0410	NA	Materials Science	no spring		Specialization
ENGN 1490	NA	Biomaterials	no spring		Specialization
ENGN 1930B	NA	Biophotonics	no spring		Specialization

Information Technology

CSCI 0150	NA	Introduction to Object Oriented Programming and Computer Science	no spring		Specialization
ENGN 0520	22140	Electrical Circuits and Signals	10:00-10:50,	Daniels	Specialization
ENGN 1630	NA	Digital Electronics Systems Design	no spring		Specialization
ENGN 1640	22230	Design of Computing Systems	1:00-1:50, MWF	Reda	Specialization

Manufacturing and Design

APMA 1210	NA	Operations Research: Deterministic Models	no spring		Specialization
ENGN 0310	NA	Mechanics of Solids and Structures	no spring		Specialization
ENGN 1740	22233	Computer Aided Visualization and Design	1:00-2:20, TR	TBA	Specialization
ENGN 1930M	NA	Industrial Design	no spring		Specialization

Energy and Environment

ENGN 0720	22145	Thermodynamics	10:30-11:50, TR	TBA	Specialization
ENGN 1120	NA	Chemical Reactor Design	no spring		Specialization
ENGN 1130	NA	Phase and Chemical Equilibria	no spring		Specialization
ENVS 0110	NA	Environmental Issues: Policy and Science	no spring		Specialization

Photonics and Device Technology

ENGN 0510	NA	Electricity and Magnetism	no spring		Specialization
ENGN 1590	NA	Introduction to Semiconductors and Semiconductor Electronics	no spring		Specialization
ENGN 1680	25564	Design of Semiconductor Devices	9:00-9:50, MWF	Zaslavsky	Specialization
ENGN 1930B	NA	Biophotonics	no spring		Specialization

Functional Materials

ENGN 0410	NA	Materials Science	no spring		Specialization
ENGN 1470	NA	Structure and Properties of Non-Metallic Materials	no spring		Specialization
ENGN 1480	25563	Metallic Materials	10:30-11:50, TR	TBA	Specialization
ENGN 1490	NA	Biomaterials	no spring		Specialization

Not Offered in AY 08-09

Course #	CRN	Course Title	Day/Time	Professor	Required/ Elective
ENGN 19300	NA	MEMS Devices (Breuer Course)			Specialization