

COE Concentration Worksheet—Entrepreneurship and Technology Management Track

Please use this worksheet to keep record of your progress through your concentration track requirements and bring to meetings with your advisor.

Students must complete each of the following:

✓	<i>Course number and title</i>	<i>Semester taken</i>
<input type="checkbox"/>	One 1000-level Economics course Course taken: _____	
<input type="checkbox"/>	ENGN 1900—The Construction of the Entrepreneurial Enterprise	
<input type="checkbox"/>	ENGN 1930G—Entrepreneurship I -Capstone Project	
<input type="checkbox"/>	ENGN 1930H—Entrepreneurship II-Capstone Project	

Four-course track in Technology Specialization, as approved by the Entrepreneurship and Technology Management advisor (examples on page 2)

Specialization: _____

✓	<i>Course number and title</i>	<i>Semester taken</i>
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Example Entrepreneurship and Technology Management Specializations and possible courses:

Biotechnology

BIOL 0170—Biotechnology in Medicine
BIOL 0200—The Foundation of Living Systems
ENGN 0410—Materials Science
ENGN 1490—Biomaterials

Nanotechnology

ENGN 0410—Materials Science
ENGN 1490—Biomaterials
ENGN 1930B—Biophotonics
ENGN 1930O—MEMS Devices (Breuer Course)

Information Technology

CSCI 0150—Introduction to Object Oriented Programming and Computer Science
ENGN 0520—Electrical Circuits and Signals
ENGN 1630—Digital Electronics Systems Design
ENGN 1640—Design of Computing Systems

Manufacturing and Design

APMA 1210—Operations Research
ENGN 0310—Mechanics of Solids and Structures
ENGN 1740—Computer Aided Visualization and Design
ENGN 1930M—Industrial Design

Energy and Environment

ENGN 0720—Thermodynamics
ENGN 1120—Chemical Reactor Design
ENGN 1130—Phase and Chemical Equilibria
ENVS 0110—Environmental Issues: Policy and Science

Photonics and Device Technology

ENGN 0510—Electricity and Magnetism
ENGN 1590—Introduction to Semiconductors and Semiconductor Electronics
ENGN 1680—Design of Semiconductor Devices
ENGN 1930B—Biophotonics

Functional Materials

ENGN 0410—Materials Science
ENGN 1470—Structure and Properties of Non-Metallic Materials
ENGN 1480—Metallic Materials
ENGN 1490—Biomaterials