



**Component:**            75 % Engr. Design

**Relationship to Program Outcomes:**

Level of Activity ( <u>H</u> igh, <u>M</u> edium, or <u>L</u> ow)	PROGRAM OUTCOMES - To produce graduates who can:
	apply the fundamentals of mathematics, the physical and/or life sciences, and engineering principles.
H	apply the fundamentals of materials science and engineering, the interrelationship among processing, microstructure, properties, and performance, and can apply that knowledge in solving problems.
H	work individually and in teams in order to define alternative solutions from diverse knowledge bases and implement an acceptable solution in a local, national or global context.
H	communicate effectively in verbal presentations, written reports and other media.
M	utilize modern engineering tools used in the profession.
M	use resources such as library facilities, the internet, data bases, professional society offerings, etc., as part of life-long learning.
	value life-long learning and can put into action their responsibilities to the profession and society.

**Person preparing syllabus** Pierre Deymier