

**A minimum of 125 credits is needed for graduation (or 127 if MA 011 is taken).
 This concentration requires 13 credits. Some concentration courses may also fulfill Core requirements.**

Requirements for B.S. Degree
Concentrations in ENGINEERING –
Concentration in Mechanical, Electrical or Applied Physics
 Academic Year 2009 – 2010

Name: _____

Advisor: _____

APPLIED PHYSICS

EGR	351	Physics of Semiconductor Devices	3.00	_____	_____
EGR	361	App Quantum Mech & Adv Topics in AP	4.00	_____	_____
EGR	463	Analytical Mechanics and Vibrations	3.00	_____	_____
PHY	353	Advanced Physics Lab	3.00	_____	_____

ELECTRICAL

EGR	220	Electronics	4.00	_____	_____
EGR	315	Instrumentation and Measurement	3.00	_____	_____
EGR	351	Physics of Semiconductor Devices	3.00	_____	_____
EGR	352	Fiber Optics Communication Systems	3.00	_____	_____

MECHANICAL

EGR	264	Strength of Materials	4.00	_____	_____
EGR	321	Thermodynamics	3.00	_____	_____
EGR	365	Fluid Mechanics	3.00	_____	_____
EGR	463	Analytical Mechanics and Vibrations	3.00	_____	_____