

Advanced Engineering Electives (List 1)

Fall 2017

627	Automotive Design	Sorem
633	Basic Biomechanics	Fischer
636	Internal Combustion Engines	Depcik
702	Mechanical Engineering Analysis	Yang
733	Gas Dynamics	TenPas
754	Biomedical Optics	Yang
755	Computr Simulation Biomechancs	Fischer
765	Biomaterials	Friis
767	Molecular Biomimetics	Tamerler
770	Conductive Heat Transfer	Dougherty
788	Optimal Estimation	Fang
790	Advanced Heat & Mass Transfer	Bergman
790	Intro to Surface & Interface Science	Kwon

Spring 2018 (Tentative)

637	Steam Power Plants	Dougherty
639	Alternative Energy Systems	TenPas
696	Design for Manufacturability	Maletsky
718	Fundamentals of Fuel Cells	Li
752	Acoustics	Yang
757	Biomechanical Systems	Wilson
760	Biomedical Product Development	Friis
790	Energy Storage Systems&Control	Fang
790	Fundamentals of Num. Heat and Mass Trans	Li
790	Biomedical Microdevices	Soper
790	Matl Engr for EChem Engy&Str	Liu
797	Manufacturing Energy Applications	Liu