

APPROVED ELECTIVES - LIST 1

A MINIMUM OF SIX CREDITS MUST COME FROM LIST 1

(Up to 13 credits may be selected from List 1)

Mechanical Engineering

590	Special Topics (1-5)	750	Biomechanics of Human Motion (3)
627	Automotive Design (3)	751	Experimental Methods of Biomechanics (3)
633	Basic Biomechanics (3)	753	Bone Biomechanics (3)
636	Internal Combustion Engines (3)	755	Computer Simulation in Biomechanics (3)
637	Steam Power Plants (3)	756	Biofluid Dynamics (3)
656	Thermal System Design (3)	757	Biomechanical Systems (3)
696	Design for Manufacturability (3)	760	Biomedical Product Development (3)
702	Mechanical Engineering Analysis (3)	763	Intro. To Composite Materials (3)
708	Microcomputer Applications in M.E. (3)	765	Biomaterials (3)
711	Bearings and Bearing Lubrication (3)	770	Conductive Heat Transfer (3)
712	Advanced Engineering Thermodynamics (3)	774	Radiative Heat Transfer (3)
720	Advanced Dynamics of Machinery (3)	780	Kinematic Synthesis of Mechanisms (2-3)
733	Gas Dynamics (3)	790	Special Topics (1-5)
740	Mechanical Vibrations (3)	796	System Design and Analysis (3)