

Engineering Technology, B.S. Mechanical Concentration (MT) Major

School of Engineering and Engineering Technology - Department of Engineering Technology

Requirements List for 2013-2014

___ BIBL 1033	Biblical Literature	___ GETC 3323	Modern Manufacturing Methods (Spring only)
___ BIBL 1043	Biblical Foundations For Living	___ HIST	History Elective (3 hours)
___ BIBL	Jr.-Sr. Level Elective (3 hours)	___ KINE	Physical Activities (1 hour)
___ BIBL	Jr.-Sr. Level Elective (3 hours)	___ KINE 1512	Concepts Of Lifetime Fitness
___ BUSI 3003	Foundations of Business for Engineers	___ LETU 1101	Cornerstones Of Life And Learning
___ CHEM 1111	General Chemistry I Lab	___ MATH 1252	Trigonometry (2)
___ CHEM 1113	General Chemistry I	___ MATH 1303	Precalculus (2)
___ COMM 1113	Intro. To Speech Communication	___ MATH 1603	Technical Calculus I (Fall only) (2)
___ COSC 1303	Computer Science I (1)	___ MATH 1613	Technical Calculus II (Spring only)
___ DSTC 1413	Technical Design Elements I (Fall only)	___ METC 2013	Statics (Fall only) (2)
___ EETC 1021	DC Electricity Lab (Spring only) (2)	___ METC 2023	Dynamics (Spring only) (2)
___ EETC 1022	DC Electricity (Spring only) (2)	___ METC 3321	Strength of Materials Lab (Fall only)
___ EETC 1041	AC Electricity Lab (Fall only) (2)	___ METC 3323	Strength Of Materials (Fall only)
___ EETC 1042	AC Electricity (Fall only) (2)	___ METC 3503	Thermodynamics and Heat Transfer (Fall only)
___ EETC 3434	Electrical Machinery and Controls (Fall only)	___ METC 4113	Engineering Technology Measurements Lab (Fall only)
___ ENGL 1013	English Composition I	___ METC 4412	Kinematics Of Machines (Spring only)
___ ENGL 1023	English Composition II	___ METC 4433	Elements Of Machine Design (Spring only)
___ ENGL	Literature Elective (3 hours)	___ METC 4513	Fluid Mechanics (Spring only)
___ ENGR 1311	Manufacturing Processes Lab	___ MJET 2021	Materials Joining Fundamentals Lab (Spring only)
___ ENGR 1513	Intro. to Engineering Practice I (Fall only)	___ MJET 2023	Materials Joining Fundamentals (Spring only)
___ ENGR 1523	Intro. to Engineering Practice II (Spring only)	___ PHYS 1111	General Physics I Lab (Spring only)
___ ENGR 2400	Sophomore Design Seminar (Spring only)	___ PHYS 1113	General Physics I (Spring only)
___ ENGR 2704	Project Management, Design and Entrepreneurship	___ PHYS 1121	General Physics II Lab (Fall only)
___ ENGR 3813	Engineering Design Methodology	___ PHYS 1123	General Physics II (Fall only)
___ ENGR 4813	Senior Design I (Fall only)	___	Technical Elective (3 hours)
___ ENGR 4823	Senior Design II (Spring only)	___	Fulfill English Proficiency Requirement (0 hours)
___ GETC 2313	Materials Technology (Fall only)		

Total hours: 130

Notes:

- 1: MATH 1423 Elementary Statistics may be substituted for COSC 1303.
- 2: Minimum grade of 'C' required