4 (i)(N)-54.1 (S 2u)-2 (I)6.1 (o)a.1 g IIioi C0.9 (t)/PiiI C A]TJ ET Q-13BT 4 C .6 (G)l.14 (i)1 (Cc-13 (o)-4.1 2 (i)v)5m 3 MATH 2010 Matrix Algebra 3

Course Cr. Hrs. Course Cr. Hrs.
SOPHOMORE YEAR

Semester: Fall Total Credit Hours: 17 Semester: Spring Total Credit Hours: 15
CEE 2110 Statics 3 ME 2330 Dynamics 3
ECE 2140 Intro to Digital Sys 4 ME 2910 Prof. & Ethics 1
MATH 2120 Diff. Equations 3 ME 2210 Thermodynamics 3
PHYS 2120 Physics II 4 ECE 2050 Circuits & Electronics 4
ENGL 2130, 2235, or 2330 Lit. 3 MATH 2110 Calculus III 4
Course Cr. Hrs. Course Cr. Hrs.
JUNIOR YEAR

Semester: Fall Total Credit Hours: 15 Semester: Spring Total Credit Hours: 16
ME 3010 Materials 3 ME 3050 System Dynamics 3
ME 3310 Experimental Methods I 3 ME 3320 Experimental Methods II 3
ME 3001 ME Analysis 3 ECE 3270 PLC Lab 1
ME 3720 Fluid Mechanics 3 ME 3710 Heat Transfer 3
CEE 3110 Mech of Materials 3 ME 3610 ME Dynamics of Mach 3
ME 3020 Machine Design 3
Course Cr. Hrs. Course Cr. Hrs.
SENIOR YEAR
Semester: Fall Total Credit Hours: 15 Semester: Spring Total Credit Hours: 15
ME 4416 Senior Design I – Mech & Robot 3 ME 4426 Senior Design II - Mech & Robot 3
ME 4370 Mechatronics 3 ME 4390 Machine Learning in ME 3
ME 4140 Robotics 3 ECE 3260 and ECE 3210 or ME 4810 3
Social Behavior Sc. Elective 3 Social Behavior Sc. Elective 3
COMM 2025 or PC 2500 Communication 3 Humanities/Fine Arts Elective 3