# CORE CURRICULUM – MECHANICAL ENGINEERING TECHNOLOGY

## AREA A
Take both:

- ENGL 1101 English Composition I (3) (prerequisite: ‘C’ or better needed to move to ENGL 1102)
- ENGL 1102 English Composition II (3) (prerequisite: ‘C’ or better needed in ENGL 1101)

Take one:

- MATH 1113 Pre-Calculus I (3) (MATH 0090 is needed prerequisite) OR
- MATH 1112 College Trigonometry (3) (MATH 0090 is needed prerequisite)

## AREA B
(5 hours)

### Group 1 Take one:
- ECON 1000 Contemporary Economic Issues (2)

### Group 2 Take one:
- FL 1002 Introduction to Foreign Language II course (3)
- AADS 1102 Issues in African and African Diaspora Studies (3)
- AMST 1102 American Identities (3)
- ASIA 1102 Introduction to Asian Cultures (3)
- COM 1100 Human Communications (3) - RECOMMENDED
- GWST 1102 Love and Sex (3)
- LALS 1102 Understanding Latin America (3)
- PHIL 2200 Ways of Knowing (3)
- POLS 2401 Global Issues (3)
- RELS 1102 Understanding Religious Studies (3)

## AREA C
Take ONE: (Engl 1101 and 1102 prerequisites) (May take II before I)

(6 hours)

### Group 1 Take one:
- ENGL 2110 World Literature (3)
- ENGL 2111 Early World Literature (3)
- ENGL 2112 World Literature mid-1600s to Present (3)
- ENGL 2120 British Literature (3)
- ENGL 2121 Early British Literature (3)
- ENGL 2122 British Literature Late 1700s to Present (3)
- ENGL 2130 American Literature (3)
- ENGL 2131 Early American Literature (3)
- ENGL 2132 American Literature mid-1800s to Present (3)
- ENGL 2300 African American Literature (3)

### Group 2 Take one:
- ART 1107 Arts in Society: Visual Arts (3)
- DANC 1107 Arts in Society: Dance (3)
- MUSI 1107 Arts in Society: Music (3)
- TPS 1107 Arts in Society: Theatre (3)

## AREA D
(11 hours)

### AREA D Take TWO (*):
- PHYS 2211 Principles of Physics I and Lab (4) (prerequisite: C or higher in MATH 1190)*
- PHYS 2212 Principles of Physics II and Lab (4) (prerequisite: C or higher in PHYS 2211 and MATH 2202)*

*PHYS 1111/L and PHYS 1112/L can be used to meet lab science requirement*

### Group 1 Take one:
- MATH 1190 Calculus I (4) (prerequisite: Math 1113 with a ‘C’ or higher)

## AREA E
Take ONE from each group:

(12 hours)

### Group 1
- POLS 1101 American Government in a Global Perspective (3)

### Group 2
- HIST 2111 American History to 1877 (3)
- HIST 2112 American History Since 1877 (3)

### Group 3
- HIST 1100 Introduction to World History (3)
- HIST 1111 Pre-modern World History (3)
- HIST 1112 Modern World History (3)

### Group 4
- ANTH 1101 Introduction to Anthropology (3)
- CRJU 1101 Foundations of Criminal Justice (3)
- GEOG 1101 Introduction to Human Geography (3)
- PSYC 1101 Introduction to General Psychology (3)
- SOCI 1101 Introduction to Sociology (3)

### Group 5
- STS 1101 Science, Technology & Society (3) - RECOMMENDED
- ECON 2100 Principles of Microeconomics (3)