If the required placement test scores are not met for this major, the student is required to take the course as indicated.

**COURSE**  **LECT**  **LAB**  **SHC**  **SEMESTER TAKEN**  **GRADE**

RDG______  ____  ____  _______  ________  ________

MAT__________  ____  ____  _______  ________  ________

ENG__________  ____  ____  _______  ________  ________

Student Name: ______________________________
Student ID: ___________________
Semester: __________

**HUMANITIES/FINE ARTS**  9 SHC  **1ST SEM**  (SHC)  **TERM**  **GRADE**

ENG 101  ENGLISH COMPOSITION I (3-0-3)*
SPC 205  PUBLIC SPEAKING (3-0-3)*
HIS 101  WESTERN CIVILIZATION TO 1689(3-0-3)
HIS 102  WESTERN CIVILIZATION: POST 1689(3-0-3)
HIS 115  AFRICAN-AMERICAN HISTORY (3-0-3)
HIS 201  AMERICAN HISTORY: DISCOVERY TO 1877 (3-0-3)
HIS 202  AMERICAN HISTORY: 1877 TO PRESENT (3-0-3)

**NATURAL SCIENCES/MATHEMATICS (NSM)**  13 SHC  **2ND SEM**  (SHC)  **TERM**  **GRADE**

MAT 110  COLLEGE ALGEBRA (3-0-3)**
MAT 111  COLLEGE TRIGONOMETRY (3-0-3)
MAT 130  ELEMENTARY CALCULUS (3-0-3)
PHY 201  PHYSICS I (3-0-3)

**SOCIAL/BEHAVIORAL SCIENCES (SBS)**  3 SHC  **3RD SEM**  (SHC)  **TERM**  **GRADE**

ECO 210  MACROECONOMICS (3-0-3)
ECO 211  MICROECONOMICS (3-0-3)
PSC 201  AMERICAN GOVERNMENT (3-0-3)

**REQUIRED CORE SUBJECT AREAS**  15 SHC  **4TH SEM**  (SHC)  **TERM**  **GRADE**

EET 113  ELECTRICAL CIRCUITS I (3-3-4)**
EET 114  ELECTRICAL CIRCUITS (3-3-4)
EET 145  DIGITAL CIRCUITS (3-3-4)
CPT 170  MICROCOMPUTER APPLICATIONS (3-0-3)

**OTHER HOURS FOR GRADUATION**  30 SHC

COL 103  COLLEGE SKILLS (3-0-3)
EGR 194  STATICS AND STRENGTH OF MATERIAL (3-3-4)**
EGT 151  INTRODUCTION TO CAD (2-3-3)
MET 214  FLUID MECHANICS (3-0-3)
EGR 130  ENGINEERING TECHNOLOGY APPLICATIONS AND PROGRAMMING (3-0-3)
CIM 131  COMPUTER INTEGRATED MANUFACTURING (3-0-3)
CPE 110  COMPUTER PROGRAMMING (3-0-3)
MET 231  MACHINE DESIGN (3-3-4)

**TOTAL 70 SHC**

**Electromechanical Engineering**

**Program Description:** The Electromechanical Engineering Program trains students in basic circuit analysis, electronic circuits, and applications of engineering principles in the manufacturing, installation, testing, and repair of electromechanical systems. Graduates of this program can explore career opportunities in manufacturing, general engineering technology, energy conversion, energy utilization and sales fields.