DENMARK TECHNICAL COLLEGE

ASSOCIATE DEGREE: APPLIED SCIENCE IN ELECTROMECHANICAL ENGINEERING TECHNOLOGY (70 SHC)

GENERAL EDUCATION: MINIMUM (25 SHC)

Student must be a high School graduate.

Student Name: _____

Student ID: _____

Semester: _____

PLACEMENT RDG_____ MAT_____ ENG_____ MAT_____

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					

HUMANITIES/FINE ARTS **9 SHC**

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)
*REQUIRED

NATURAL SCIENCES/MATHEMATICS (NSM) **13 SHC**

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 (3-3-4)

SOCIAL/BEHAVIORAL SCIENCES (SBS) **3 SHC**

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**

EET 113 ELECTRICAL CIRCUITS I (3-3-4)**
EET 114 ELECTRICAL CIRCUITS II (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)
EET 212 INDUSTRIAL ROBOTICS (2-3-3)
EET 233 CONTROL SYSTEMS (3-3-4)
MET 231 MACHINE DESIGN (3-3-4) **TOTAL 70 SHC**

1ST SEM	(SHC)	TERM	GRADE
COL 103			
ENG 101			
EET 113**			
EGR 130			
MAT 110**			
CPT 170			

2ND SEM	(SHC)	TERM	GRADE
SPC 205			
EGR 194			
EET 114			
MAT 111			
EGT 151			

3RD SEM	(SHC)	TERM	GRADE
EET 145			
EET 212			
CIM 131			
PHY 201			
MAT 130			

4TH SEM	(SHC)	TERM	GRADE
EET 233			
MET 231			
MET 214			
SBS REQ.			
HUM REQ.			

THIS COURSE IS A PREREQUISITE FOR HIGHER LEVEL EET COURSES:
**MAT 110 MUST BE TAKEN PRIOR TO 200 LEVEL COURSES IN THE MAJOR. **EET 113 MUST BE TAKEN PRIOR TO EET 114 AND EET 145 IN THE MAJOR. **EGR 194 MUST BE TAKEN PRIOR TO MET 231 IN THE MAJOR.

Accreditation Information

ABET | Engineering Technology Accreditation Commission

The Electromechanical Engineering Technology Program is accredited by the Engineering Technology Accreditation Commission of ABET, https://www.abet.org, under the commission's General Criteria and Program Criteria for Electromechanical Engineering Technology and Similarly Named Programs.

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 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.