

Planning Guide - Please Keep!

NAME _____ DATE: _____

**ELECTRONIC SERVICE TECHNOLOGY OPTION – A.A.S. (634)
ELECTRONIC ENGINEERING TECHNOLOGY PROGRAM**

Students must complete any required Developmental Studies and/or credit prerequisites for each class.

___DVM___ needed. ___DVE___ needed. ___DVR___ needed.

ENGLISH 6 credits

- ___ 1. EGL 101 Composition I: Expository Writing 3 credits
(Prerequisite: Reading and Writing Proficiency Levels)
- ___ 2. EGL ___ Composition II: EGL 102, 110, 132, or 134 3 credits
(Prerequisite: EGL 101)

MATHEMATICS 3-4 credits

Select MAT 134 or higher level math course.

- ___ 1. MAT ___ 3-4 credits
(Prerequisite: MAT 104 or Mathematics proficiency level)

SOCIAL SCIENCE 3 credits

Select any Social Science course listed on page 35 of the 2005-2006 catalog.

- ___ 1. ___ 3 credits

HUMANITIES 3 credits

- ___ 1. SPH 101 Introduction to Speech Communication 3 credits
(Prerequisite: Reading Proficiency Level)

SCIENCE 8 credits

- ___ 1. PHY 157 Technical Physics for Engineering Technology 4 credits
(Prerequisite: MAT 134 completed or concurrent)
- ___ 2. ___ 4 credits
(Select one lab science from the Science list on page 35 of the 2005-2006 catalog.
PHY 101 recommended.)

CULTURAL DIVERSITY 3 credits

Select any course from the list on pages 33-34 of the 2005-2006 catalog.

- ___ 1. ___ 3 credits

PHYSICAL/HEALTH EDUCATION 2-3 credits

Select HLE or at least 2 credits of PED 103.

_____ 1. _____ 2-3 credits

PROGRAM CONCENTRATION 31 credits

_____ 1. ENT 171 Circuits and Measurement Techniques 3 credits
(Prerequisite: MAT 104, MAT 134 or higher completed or concurrent)

_____ 2. ENT 172 Circuit Analysis and Design 3 credits
(Prerequisite: ENT 171; MAT 104 or higher completed or concurrent)

_____ 3. ENT 177 Introduction to Computing for Technology 3 credits
(Prerequisite: ENT 171 completed or concurrent, or permission of department chair.)

_____ 4. ENT 178 Analog Circuits 4credits
(Prerequisite: ENT 171 completed and MAT 134 or higher, completed or concurrent)

_____ 5. ENT 180 Digital Circuits 4 credits
(Prerequisite: ENT 171, completed or concurrent)

_____ 6. ENT 185 Circuit Evaluation and Repair 2 credits
(Prerequisite: ENT 171)

_____ 7. ENT 220 High Reliability Soldering and Fabrication 2 credits
(Prerequisite: ENT 171 or permission of department chair)

_____ 8. ENT 256 Computer Aided Electronic Design 2 credits
(Prerequisite: ENT 178, ENT 180 or ENT 274)

_____ 9. ENT 273 Electronic Communication 4 credits
(Prerequisite: ENT 178; and MAT 134 or higher, completed or concurrent)

_____ 10. ENT 281 CPU Architecture 4 credits
(Prerequisite: ENT 177 and ENT 180 or ENT 274)

ENGINEERING TECHNOLOGY ELECTIVES 10-11

CONSULT WITH ELECTRONICS FACULTY.

_____ 1. ENT _____ credits

_____ 2. ENT _____ credits

_____ 3. ENT _____ credits

_____ 4. ENT _____ credits

TOTAL REQUIRED FOR A.A.S. DEGREE

2.0 GPA and 69 credits

*** Use this guide in conjunction with 2005-2006 catalog. Student is solely responsible for meeting graduation and transfer requirements.**