Associate of Applied Science (AAS) Degree in Electronics Engineering Technology

The Associate of Applied Science degree program requires a minimum of 92 credit hours with instruction and laboratory work distributed as follows:

32 credit hours in the University's General Education

Core courses, which should include:

- **12 credit hours in English and Communications: EN151, EN152, EN154**
- **12 credit hours in Mathematics: MT155, MT158, and MT160**
- **4 credit hours in the Humanities: specified as HM279**
- **4 credit hours in the Behavioral and Social Sciences: SC101**

16 credit hours in the cognate or supporting field of Computer and Information Science and Mathematics:

CI101, CI105, CI215 and MT170

44 credit hours in the Major Field of Concentration:

ET101, ET102, ET106/107, ET150/151, ET155/156, ET203, ET208, and ET330

The following is a sample outline of the graduation requirements for the AAS degree in Electronics Engineering Technology (minimum 92 credit hours):

General Education Core

(32 Credit Hours)

English and Communications

(12 credit hours)

EN151	**Rhetoric and Style**
EN152	**Writing from Sources**
EN154	**Technical Writing**

Mathematics

(12 credit hours)

MT155	**Intermediate Algebra**
MT158	**College Algebra**
MT160	**Elementary Plane Trigonometry**

Humanities

(4 credit hours)

HM279	**East-West Signature Course**

Cognate or Supporting Courses

(16 credit hours)

CI101	**Computer Technology and Applications**
CI105	**Web Plan Design**
CI215	**Introduction to JAVA**
MT170	**Finite Mathematics**

Major Field of Concentration

(44 credit hours)

ET101	**Basic Electronics**
ET102	**Basic Electronics Workshop**
ET106	**Circuit Analysis**
ET107	**Circuit Analysis Laboratory**
ET150	**Introduction to Digital Systems**
ET151	**Digital Systems Laboratory**
ET155	**Solid State Devices**
ET156	**Solid State Devices Laboratory**
ET203	**Communication Engineering**
ET208	**UNIX for Engineers**
ET330	**Industrial Electronics I**

Behavioral and Social Sciences and

(4 credit hours)

SC101	**Introduction to Sociology**