**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**