

Program Information

The Anoka Technical Electronic Engineering Technology (EET) program includes a 32-credit Electronic Technology diploma that provides students with the technical knowledge necessary to start a career in electronics.

Full-time students may complete an Electronic Technology diploma in two semesters. Full-time students who continue in the program can obtain an AAS degree in Electronic Engineering Technology (EET) with an additional two semesters.

Students will obtain a solid education in electronic fundamentals, as well as system-level troubleshooting.

Students also learn about:

- Computer Troubleshooting A+
- LabVIEW programming applications
- Lasers and Optics
- Mechatronics
- Networking
- Programmable Logic Controllers (PLCs)
- Robotics

Financial assistance is available for those who qualify and there are several EET program specific scholarships available.

Prerequisites

Program requirements:

- Must have a 62 or higher on Reading Comprehension and Arithmetic Accuplacer placement test or appropriate test scores.

Some courses may require appropriate test score or completion of basic math, basic English and/or reading courses with a “C” or better.

Graduation Requirements

All Anoka Technical College students seeking an Associate of Applied Science (AAS) degree, diploma or certification must meet the grade-point average (GPA) of 2.0 or higher. Please contact your advisor for any further program graduation requirements.

Transfer Opportunities

To see how credits from this program may transfer into other Anoka Technical College programs or into a program at another college, visit:

- [Minnesota Transfer](http://www.mntransfer.org/students/plan/s_agreements.php?numResults=25&archive=false&from_inst=70&from_prog=&to_inst=&Search=Search): (www.mntransfer.org/students/plan/s_agreements.php?numResults=25&archive=false&from_inst=70&from_prog=&to_inst=&Search=Search)
- [Anoka Technical College transfer student](http://www.anokatech.edu/BecomeStudent/Transfers.aspx) (www.anokatech.edu/BecomeStudent/Transfers.aspx)

Industry Information

As part of the Electronic Engineering Technology program, the Electronic Technology diploma provides students with the technical knowledge necessary to start their career in electronics and manufacturing support.

Wages/Outlook/Advancement

Wage information is available from the [Minnesota Department of Employment and Economic Development](http://mn.gov/deed/job-seekers/job-outlook/index.jsp) (http://mn.gov/deed/job-seekers/job-outlook/index.jsp).

Technical Education: 32 Credits

- BMET 1301 Biomedical Networking..... 2
- ETEC 1102 Mechatronics 1 DC..... 3
- ETEC 1113 Mechatronics 2 AC..... 3
- ETEC 1130 Introduction to Electronic Engineering Technology..... 2
- ETEC 1140 Circuit Analysis 2
- ETEC 1151 Computer Troubleshooting A+ 3
- ETEC 1170 Programmable Logic Controllers (PLCs)..... 2
- ETEC 1202 Solid State Electronics..... 5
- ETEC 1250 Digital 1 3
- ETEC 1260 Lasers and Optics 2
- ETEC 1271 Technical Documentation 3
- ETEC 1281 Engineering Technology Programming: LabVIEW and C++ 2

Also see: Biomedical Equipment Technician AAS and Electronic Engineering Technology AAS

Start Dates

Fall Semester.....August

Faculty Contact

[Tom Reid](#)..... 763-576-4139
[Daniel Truchon](#)..... 763-576-4185

For information on how to apply, to schedule a tour, or for service during summer hours, contact Enrollment Services at 763-576-7710 or EnrollmentServices@anokatech.edu

Sample Program Sequence

Full Time

| | Fall Semester | Spring Semester |
|----------------------------|------------------|-------------------|
| 1st YEAR | ETEC 1102..... 3 | BMET 1301..... 2 |
| | ETEC 1130..... 2 | ETEC 1113 3 |
| | ETEC 1140..... 2 | ETEC 1170..... 2 |
| | ETEC 1151..... 3 | ETEC 1202..... 5 |
| | ETEC 1250..... 3 | ETEC 1260..... 2 |
| | ETEC 1271..... 3 | ETEC 1281..... 2 |
| | TOTAL..... 16 | TOTAL..... 16 |