ETEC - Electronics

ETEC 101. ETEC 101: AC/DC Electronics with Lab. 4 Credits. (3 Lec. 1 Lab) F
This is an examination of the principles and techniques of basic electrical concepts. Students will learn safe practices when handling electrical circuits and equipment, operating characteristics of direct current (DC) and alternating current (AC) electrical circuits. Selection, inspection, use and maintenance for common electrical test equipment is also covered. Gallatin College Workforce Program.

ETEC 106. AC Circuit Analysis. 3 Credits. (3 Lec.) S
PREREQUISITES: ETEC 101 or ETEC 105 or M 111. COREQUISITE: ETEC 113. The intent of this class is to introduce the student to the practical application of alternating current voltage. Gallatin College Workforce Program.

ETEC 113. Circuits Lab. 1 Credit. (1 Lab) S
PREREQUISITES: ETEC 101 or ETEC 105 or M 111. COREQUISITE: ETEC 106. This is the Circuits laboratory that accompanies ETEC 106: AC Circuit Analysis. Gallatin College Workforce Program.

ETEC 250. Solid State Electronics I. 4 Credits. (3 Lec. 1 Lab) F
PREREQUISITES: ETEC 106 AND ETEC 113. This course introduces students to semiconductor materials, and provides the student with an introduction to basic semiconductor based solid state devices, how these devices operate, and their applications.
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leefrog for a draft with the correct fonts in place.