

AC/DC Circuits I

Course Information

Developers: Electrical State Curriculum Committee

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Course reaffirmed Date: 12/12/2017

KBOR Facilitators: April Henry, Charmine Chambers, Susan Hancock

Credit Hours: 4

Description:

AC/DC circuits address the basics of direct and alternating current circuits.

Course Competencies:

1. Describe and apply Ohms, Watts, and Kirchhoff laws
2. Define, demonstrate and apply the characteristics of series, parallel, and combination circuits
3. Explain DC theory concepts
4. Explain AC theory concepts
5. Perform and interpret electrical measurements using industry standard equipment

**Course was originally developed in May of 2013. In December of 2017, faculty reaffirmed the course description and competencies.*