

**IBEW/NECA ELECTRICAL TRADES APPRENTICESHIP PATHWAY TO A
TECHNICAL ASSOCIATE DEGREE**

Revised July 25, 2012

College: **Lakeland Community College**

The IBEW/NECA Electrical Trades Apprenticeship program is a nationally recognized program. This agreement applies to the Inside Wireman specialty path--
see <http://www.njatc.org/training/apprenticeship/index.aspx> for more information).

<p>I. Electrical Trades Curriculum</p>	<p align="right">30 Semester Hours</p> <p>The IBEW/NECA curriculum fulfills the 30 semester hour Technical requirement of a Technical Associate Degree.</p> <p>ECTA 1000 Electrical Construction Technology IA (3 credits) ECTA 1010 Electrical Construction Technology IB (3 credits) ECTA 1200 Electrical Construction Technology IIA (3 credits) ECTA 1210 Electrical Construction Technology IIB (3 credits) ECTA 2300 Advanced Electrical Technology IA (3 credits) ECTA 2310 Advanced Electrical Technology IB (3 credits) ECTA 2400 Advanced Electrical Technology IIA (3 credits) ECTA 2410 Advanced Electrical Technology IIB (3 credits) ECTA 2500 Instrumentation and Testing A (3 credits) ECTA 2510 Instrumentation and Testing B (3 credits)</p>
<p>II. Non-Technical Curriculum</p>	<p align="right">35-36 Semester Hours</p>
<p>Courses are to be from the following:</p> <p>A. General Education – At least one 3 hour semester course in each area for a total minimum of 15 semester hours.</p>	
<p>Area I.</p>	<p>English Composition/Oral Communication – 3 semester hours ENGL 1110 English Composition IA or IB (3-4 credits) ENGL 1121 English Composition II - Technical Focus (3 credits) SPCH 1100 Effective Interpersonal Communication (3 credits) Total 9-10 hours</p>
<p>Area II.</p>	<p>Mathematics – 3 semester hours MATH 1001 Introduction to Technical Mathematics (4 credits) - Embedded in the Electrical Trades Curriculum - does not carry the OTM transfer guarantee MATH 1101 Technical Mathematics I (4 credits) MATH 1201 Technical Mathematics II (4 credits) Total 12 hours</p>
<p>Area III.</p>	<p>Arts & Humanities – 3 semester hours HUMX 1100 Introduction to Humanities (3 credits) Total 3 hours</p>

