

Semester One		
ENGL 1010	Fundamentals of English I (Pre-Req: Test Scores – See Advisor)	3
EMPL 1000	Interpersonal Relations	2
IDFC 1007	Industrial Safety Procedures	2
Choose One:	ELTR 1010 Direct Current Fund. or IDFC 1011 Direct Current I or IDSY 1101 DC Circuit Analysis	3
Choose One:	ELTR 1020 Electrical Sys. Basics (Co-Req: IDFC 1011) or IDFC 1012 Alternating Current I (Co-Req: IDFC 1011) or IDSY 1105 AC Circuit Analysis	3
Total Hours:		13

Semester Four		
Click Here to Apply for Graduation		
ELTR 1090	Commercial Wiring II (Co-Req: ELTR 1080)	3
MATH 1012	Foundations of Mathematics (Pre-Req: Test Scores – See Advisor)	3
Total Hours:		6

Semester Two		
Click for Option	Occupational-Related Elective(s)	3
ELTR 1060	Electrical Prints Schematics Sys.	2
ELTR 1080	Commercial Wiring I	5
ELTR 1250	Diagnostic Troubleshooting	2
Total Hours:		12

Semester Three		
ELTR 1220	Industrial PLCs (Co-Req: ELTR 1180)	4
ELTR 1180	Electrical Controls	4
ELTR 1270	NEC Industrial Applications (Co-Req: ELTR 1080)	4
Total Hours:		12



This plan is for informational purposes ONLY.
 It is not a substitute for meeting with a
 program advisor each term.

Total Program Hours: 43

Sample Graduation Plan

Diploma in Electrical Systems Technology

(Electrical Construction & Maintenance Specialization)

ES12

[Jump Industrial Electrical
Technology Specialization](#)

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ENGL 1010	Fundamentals of English I <small>(Pre-Req: Test Scores – See Advisor)</small>	3
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Choose One:	ELTR 1010 Direct Current Fund. or IDFC 1011 Direct Current I or IDSY 1101 DC Circuit Analysis	3
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Total Hours:		13

Semester Four		
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ELTR 1090	Commercial Wiring II <small>(Co-Req: ELTR 1080)</small>	3
MATH 1012	Foundations of Mathematics	3
Total Hours:		6

Semester Two		
Click for Option	Occupational-Related Elective(s)	3
ELTR 1060	Electrical Prints Schematics Sys.	2
ELTR 1080	Commercial Wiring I	5
ELTR 1205	Residential Wiring I	3
Total Hours:		12

Semester Three		
ELTR 1210	Residential Wiring II <small>(Co-Req: ELTR 1205)</small>	3
ELTR 1180	Electrical Controls	4
Click for Option	Occupational-Related Electives	4
Total Hours:		12

Total Program Hours: 43



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Occupational-Related Electives

BUSN 1410 *Spreadsheet Concepts & Apps* (4)

ELTR 1205 *Residential Wiring I* (3)

ELTR 1210 *Residential Wiring II* (3)

(Co-Req: ELTR 1205)

ELTR 1220 *Industrial PLCs* (4)

(Co-Req: ELTR 1180)

ELTR 1250 *Diagnostic Troubleshooting* (2)

ELTR 1270 *NEC Industrial Applications* (4)

ELTR 1500 *Elec Sys Tech Intern/Practicum* (3)

ELTR 1510 *Electrical Worker* (3)

ELTR 1520 *Grounding & Bonding* (2)

ELTR 1525 *Photovoltaic Systems* (5)

(Co-Req: ELTR 1210)

ELTR 1530 *Conduit Sizing* (2)

(Pre-Req: Regular Admission*)

ELTR 1540 *Wire Pulling & Codes* (3)

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Updated: 03/10/2017

Effective Term: 201716

Equal Opportunity Institution

For more information about our graduation rates, the median debt of students who complete programs, and other important information please visit our website: <http://www.laniertech.edu/GE.aspx>.