

Career Opportunities

Upon graduation, students may obtain employment in many different aspects of telecommunications. Some of these career paths could include: outside plant construction, cable splicing, station installation and maintenance, fiber optics, central office and business phone systems. Other careers include television and broadband deployment as well as jobs with IT departments.

Many of our graduates also move into supervisory and other management positions during their career. As technology continues to change, positions are opening up for well-trained personnel. A Telecommunications Technology degree from Lincoln Trail College is a great way to obtain this training and is preferred by many telecommunications companies around the United States.

Lincoln Trail College is one of the Aspen Institute's top 120 community colleges in the nation for its completion rates and academic and workforce outcomes.

** For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at www.iecc.edu/consumer/.*



Contact Information

To learn more about LTC's Telecommunications Technology program, contact Chris Teague at teaguec@iecc.edu or call (618) 544-8252.

Financial Assistance

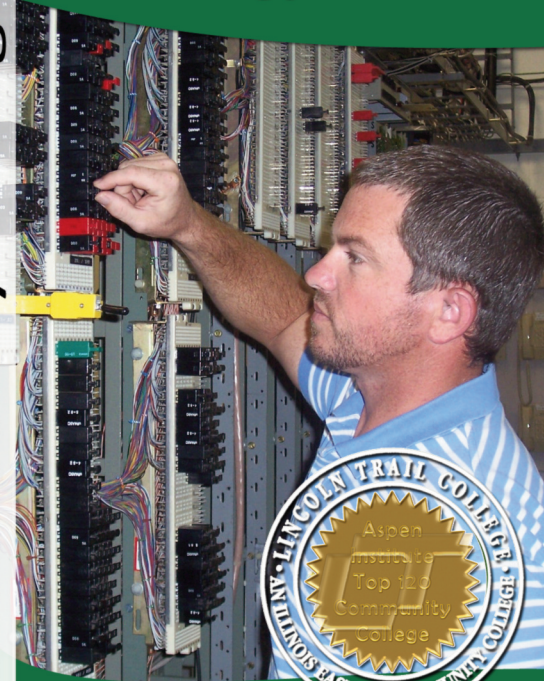
To be considered for financial aid, you must complete the FAFSA (Free Application for Federal Student Aid). FAFSA information is used to determine your eligibility for federal and/or state aid, and scholarships. It is also the first step in applying for a federal student loan. The FAFSA should be completed as soon as income taxes are filed in the spring. Applications are available online at www.fafsa.gov. Scholarship opportunities are available online at www.iecc.edu/ltc.scholarships/html

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03/12

Telecommunications Technology

Illinois Eastern Community Colleges



Lincoln Trail College
Robinson, IL



iecc.edu

Telecommunications (Telephony)

Technology

D485

A two-year Associate in Applied Science Degree. Telecommunications (Telephony) Technology is an occupational degree program.

Program Description

The Telecommunications Technology degree program provides coursework in broad areas of the telecommunications field. Students will study aspects such as splicing and maintaining fiber optic and copper cables, home and business telephone systems, and central office switching. Specific courses in math, electricity, electronics and computers make up a portion of the program. Students also learn communication and customer relations skills. Additional training is provided through a paid internship program by placing students with telecom firms as on-the-job trainees.

Scholarship

Scholarships may be available from several telecommunications firms. In addition, the Illinois Telecommunications Association Foundation grants \$2,500 Jack Tharp Scholarship awards each year. These scholarships are awarded based on academic performance, financial need and in some cases geographical location.

Program Requirements

Telecommunications Technology

Associate in Applied Science Degree

First Semester		Hrs. Credit
CIS 1104	Intro to Online Learning	.5
GEN 1221	Occupational Safety	2
MSS 1201	Maintenance & Diagnostics I	3
MTH 1201	Technical Mathematics	4
TEL 1263	Intro to Switching Technology	2
TEL 1266	Fundamentals of Telecom	3
TEL 1273	Electronics in Telecom	4
<i>Semester Total</i>		<i>18.5</i>
Second Semester		
MSS 2202	PC Operating Systems & App	4
TEL 1271	Basic Cable Splicing	3
TEL 1272	Business Comm Systems I	3
TEL 1274	Station Installation	3
TEL 2284	Data Communications I	4
<i>Semester Total</i>		<i>17</i>
Third Semester		
ENG 1111	Composition I OR	
ENG 1201	Communications	3
TEL 2264	Intro to Fiber Optics	3
TEL 2281	Outside Plant Construction	4
TEL 2287	IP Convergence	2
TEL 2292	Business Comm Systems II	4
	Math/Science Gen Ed Elective	3
<i>Semester Total</i>		<i>19</i>
Fourth Semester		
GEN 2297	Employment Skills	3V
TEL 2282	TDM Switching Technology	3
TEL 2291	OSP Cable Maintenance	4
TEL 2299	Advanced Cable Splicing	3
	Social Science/Humanities Gen Ed Elective	3
<i>Semester Total</i>		<i>16</i>
<i>Program Total</i>		<i>70.5</i>

Job Placement

Students receive hands-on instruction while at the H.L. Crisp Educational Center and during the optional supervised internship co-op program. Participating telecommunications firms place many of our students into cooperative, on-the-job training situations, thereby providing work experience as well as a sound educational base. This combination assures our students of ample employment opportunities upon graduation.

Upon completion of the degree, employment is available in a wide variety of jobs throughout the telecommunications industry and other related fields. Base salaries start at \$24,000 to \$36,000 annually and can be advanced to \$40,000 to \$85,000.

Campus Visit

Interested persons are invited to visit H.L. Crisp Educational Center to learn more about the Telecommunications Technology degree program.



For More Information, Contact
LTC Telecommunications Technology Dept., Robinson, IL 62454 - 618-544-8252
www.iecc.edu/telecom