



SOUTH  
SUBURBAN  
COLLEGE

**Electronics  
Engineering  
Technology  
Program**

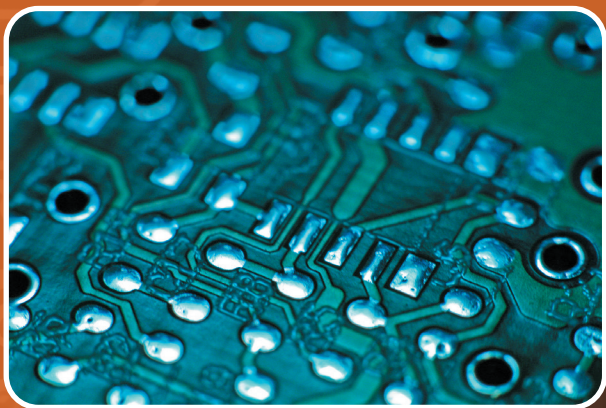
*Earn your Associate  
of Applied Science  
(AAS) Degree in this  
complete program.*

# **Electronics Engineering Technology Program Overview**

An electronic technician works at building, testing or maintaining a wide variety of electronic equipment in industries involving telecommunication, computers, automation, aviation, medicine and electrical power. They perform such task as fabricating engineering prototypes, testing products on production line, and installing and troubleshooting electronic devices and systems. They can often contribute to circuit modification, packaging and production facilities layouts.

## **Employment Outlook**

Electrical and Electronic Engineering Technicians average salary is \$56,040 per year, \$26.94 per hour. The industry is growing with jobs in federal, manufacturing and research and development.





## Program Information

At SSC we offer one AAS degree  
and three Certificates.

### Electronics Engineering Technology Program (ELC. AAS.EGR)

<b>Cluster 1</b>		<b>Credits</b>
ENG 101	Composition and Rhetoric .....	3
ELC 101	Electrical Circuits I.....	4
ELC 102	Digital Electronics.....	4
MTH 106	Technical Mathematics I.....	5
<b>Cluster 2</b>		<b>Credits</b>
ELC 105	Electrical Circuits II.....	4
ELC 110	Electronic Circuits.....	4
	Technology Electives [1].....	4
GROUP II	Humanities Elective.....	3
<b>Cluster 3</b>		<b>Credits</b>
PHY 101	Mechanics, Heat and Sound .....	4
ELC 190	Industrial Electronics I.....	4
ELC 215	Digital Electronics II.....	4
ELC 230	Electrical Drafting.....	3
<b>Cluster 4</b>		<b>Credits</b>
CIS 180	Net+ Certification .....	3
ELC 298	ETA Certification Prep.....	3
SPE 108	Oral Communication .....	3
	Technology Electives .....	4
GROUP III	Social and Behavioral Science Elective ...	3
<b>Minimum for Degree: .....</b>		<b>62</b>

## Electronic Engineering Technology Certificate (ELC.BASIC.ELCEGR)

		Credits
MTH 106	Technical Mathematics I.....	5
ELC 101	Electrical Circuits I.....	4
ELC 105	Electrical Circuits II.....	4
PHY 101	Mechanics, Heat and Sound.....	4
ELC 110	Electronic Circuits.....	4
ELC 102	Digital Electronics I.....	4
<b>Total Credit Hours:.....</b>		<b>25</b>

## Basic Electricity Certificate (ELC.BASIC.ELC)

		Credits
MTH 106	Technical Mathematics I.....	5
ELC 101	Electrical Circuits I.....	4
ELC 105	Electrical Circuits II.....	4
<b>Total Credit Hours:.....</b>		<b>13</b>

## Digital Electronics Certificate (ELC.BASIC.DIGELC)

		Credits
ELC 102	Digital Electronics.....	4
CIS 130	Voice, Data, Video, & Fiber Cabling.....	3
CIS 132	Cisco IT Essentials v5 A+ Certification.....	4
MIS 101	Computer Literacy & Applications.....	3
<b>Total Credit Hours:.....</b>		<b>14</b>



## **The Electronics Engineering Technology Program**

- Hands-on usage of test equipment
- Convenient day and evening classes for both full- and part-time students
- Classes offered at both the main campus in South Holland and the *Oak Forest Center* in Oak Forest
- Possible credit for high school courses under the Dual Credit Program
- Many courses transfer to four-year colleges and universities
- Financial aid including grants and scholarships available
- Special tuition rate for Chicago residents
- Expert, caring faculty with real-world work experience
- “2+2” B.S. Degree in Computer Sciences/ Electronics available at the University of St. Francis
- Career planning and placement services available

**For more information, please  
call the Electronics Engineering  
Department at  
(708) 596-2000, Ext. 2664**



# SOUTH SUBURBAN COLLEGE

Department of  

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ENGINEERING & TECHNOLOGY



**This** is Success



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