

**SAN DIEGO CITY COLLEGE**  
**ASSOCIATE of SCIENCE DEGREE**  
**ELECTRONICS (ELECTRONIC COMMUNICATION SYSTEMS OPTION)**  
**As of 4 June 2008**

**DEGREE OBJECTIVE**—The purpose of this degree is to obtain proficiency in Electronics (Electronic Communication Systems Option). Military students may receive credit for some degree requirements from prior military training.

**Point Of Contact:**  
**Mr. Darrell**  
**Himmelspach**  
**Articulation Officer**  
[dhimmels@sdccd.edu](mailto:dhimmels@sdccd.edu)

**ACADEMIC RESIDENCY**— Students are required to take a minimum of 60 semester hours for degree completion, with a minimum of 12 semester hours (SH) taken as an enrolled on site or distance education (DE) San Diego Community College District student.

**DEGREE REQUIREMENTS SUMMARY**

REQUIREMENT		SEMESTER HOURS	SOC COURSE	NAVY RATE	SERVICE SCHOOL	TESTS CLEP/DSST/IB/AP	ATTENDANCE OPTION ONLINE
<b>Core requirements-Need 27 hours of credit</b> May be satisfied by ACE credit recommendations for military training and experience in the area of Electronics (Electronic Communication Systems Option). If needed, military credit may be augmented by credits earned from an accredited institution of higher learning in a related field:		<b>27</b>					
ELDT 123 & 123L	Introduction to Digital Circuits & Lab	4	ET005A				
ELDT 124 & 124L	Basic DC/AC Electronics & Lab	5	ET013A				
ELDT 125 & 125L	DC/AC Circuit Analysis with Pspice & Lab	5	ET021A				
ELDT 126 & 126L	Intro to Programming with C & C++ & Lab	4	CS027A				
ELDT 143 & 143L	Semiconductor Devices & Lab	4.5	ET003A				
ELDT 144 & 144L	OP-AMPS, Sensors & Computers & Lab	4.5	ET004A				
<b>In addition, Complete</b>							
ELDT 227 & 227L	Lasers and Fiberoptics and Laboratory	4	ET034A				
ELDT 228 & 228L	Communication Circuits and CET/NARTE Preparation & Certification Laboratory	4					
ELDT 229 & 229L	Advanced Telecommunications Networks & Laboratory	4	ET033A				
ELDT 230 & 230L	Advanced Computer Design & Laboratory	4					

**SAN DIEGO CITY COLLEGE**  
**ASSOCIATE of SCIENCE DEGREE**  
**ELECTRONICS (ELECTRONIC COMMUNICATION SYSTEMS OPTION)**

**As of 4 June 2008**

REQUIREMENT		SEMESTER HOURS	SOC COURSE	NAVY RATE	SERVICE SCHOOL	TESTS CLEP/DSST/IB/AP	ATTENDANCE OPTION ONLINE
ELDT 231	Advanced System Interfacing	3					
<b>Total Units</b>		<b>46</b>					
<b>GENERAL EDUCATION</b>		<b>18</b>					
<b>TOTAL OF 18 CREDITS AS OUTLINED BELOW:</b> <b>More than one course if offered in the six areas below.</b> <b>Visit our catalog website for a list of courses to choose from.</b> <a href="http://www.communitycollege.net/catalogs/city/">www.communitycollege.net/catalogs/city/</a>							
English Composition		3				X	X
Communication & Analytical Thinking		3				X	X
Natural Sciences		3				X	X
Humanities		3				X	X
Social & Behavioral Sciences		3				X	X
Any additional General Education coursework		0-3					
<b>DISTRICT REQUIREMENTS-</b>		<b>3-12</b>					
Some courses selected to meet these requirements may also be used to meet general education requirements							
Competence in Reading & Written Expression <i>May also meet general education requirement in English Composition</i>		3				X	X
Competence in Math <i>May also meet general education requirement in Communication and Analytical Thinking</i>		3				X	X
American Institutions/California Government <i>3 units may also meet general education requirements</i>		3-6				X	X
Electives <i>May be satisfied by Military credit, various CLEP and DSST exams, previous college credit, or any San Diego City College courses.</i>		<b>0-5</b>		X	X	X	X
Physical Education <i>U.S. Veterans and active duty U.S. Military personnel may be granted two units of college credit to fulfill the physical education requirement if service has been continuous for at least six months. Copies of your DD-214, or DD-295 or</i>		<b>2</b>		X	X		

**SAN DIEGO CITY COLLEGE**  
**ASSOCIATE of SCIENCE DEGREE**  
**ELECTRONICS (ELECTRONIC COMMUNICATION SYSTEMS OPTION)**

**As of 4 June 2008**

REQUIREMENT	SEMESTER HOURS	SOC COURSE	NAVY RATE	SERVICE SCHOOL	TESTS CLEP/DSST/ IB/AP	ATTENDANCE OPTION ONLINE
<i>SMART or AART Transcript must be on file in the Records Office</i>						
Health Education <i>U.S. Veterans and active duty U.S. Military personnel may be granted two units of college credit to fulfill the health education requirement if service has been continuous for at least six months. Copies of your DD-214 or DD-295 or SMART or AART Transcript must be on file in the Records Office</i>	<b>2</b>		X	X		X
Multicultural Studies	<b>0-3</b>					X
<b>Total Credits Required to Complete the Degree</b>	<b>60-71</b>					

This roadmap is an advisory tool only, additional data and information may be obtained by contacting the City College Counseling Department at: <http://www.sdccity.edu/counseling/default.asp> or the on-line the City College Course catalog at: [www.communitycollege.net/catalogs/city/](http://www.communitycollege.net/catalogs/city/)