

Degree Offered**Academic Certificate**

Engineering Technology

Curriculum Code: 573**Program Information**

This program prepares students for careers in computer-aided drafting.

Experts predict that varied technical occupations will be among the hot careers during the next decade. There will be a 30 percent increase in higher-skilled, better-paying occupations in the technical fields, according to the U.S. Department of Labor. With the increased emphasis on technology, 80 percent of these jobs will require more than a high school diploma, but less than a four-year degree.

CCC works closely with business and industry leaders to keep its Engineering technologies curricula current.

When You Graduate

Certificate programs provide specific career skills development as well as the opportunity to test an area of interest, or enhance a degree program. Students who complete a certificate program can continue to obtain a degree.

Engineering Technology

	Credits
Program Requirements (22/24 credits)	
IT 101 Technical Drawing I	3
IT 102 CAD I	3
IT 105 Blueprint Reading & Sketching	2
IT 110 Electronics I	4
Program Elective	1 or 3
Program Elective	3
Program Elective	3
Business or Computer Science Elective	3
General Education Requirements (9 credits)	
EN 101 English Composition I	3
EN 102 English Composition II	3
MA 110 College Algebra	3
Total Credits	31/33
Program Electives	
EG 101 Introduction to Engineering	1
EG 102 Graphics	3
IT 107 Electrical Maintenance	3
IT 111 Electronics II	3
IT 162 Quality Control	3
IT 211 CAD II	3
IT 218 Programmable Logic Controllers	3
MA 205 Statistics	3
Business or Computer Science Elective	
BU 106 Introduction to Management	3
BU 115 Introduction to Business	3
BU 209 Small Business Management	3
CS 101 Introduction to Microcomputers or other Computer Science elective	3

Upon completion of this Academic Certification you will have received the necessary training to apply for jobs relating to engineering. Please follow the link below to find more job opportunities this certificate leads to.

Engineering Technicians, Except Drafters All Other, SOC Code– 17-3029

6 Digit OPEID - 002601

6 Digit CIP for Program - 480101

<http://www.onetonline.org/link/summary/17-3029.00>

Cost of Program, 2011-2012 Academic Year

Tuition	\$3,465.00
Fees	\$957.00
Books/Supplies	\$1,980.00
Misc	\$125.00
Total	\$6,527.00

Please click on the link below to view more information on this Academic Certificate
<http://njtrainingsystems.org/Program/Default.aspx?ProgramID=8636>

www.cccnj.edu