

TECHNOLOGY SPECIALIST ENDORSEMENT, BASIC CERTIFICATE



College(s): TR

Program Code: 0438

The Basic Certificate-Technology Specialist Endorsement is for undergraduate degree holders with an Illinois Professional Educator License. The Technology Specialist Endorsement prepares students to integrate technologies into educational settings.

Program Requirements

Code	Title	Hours
Required Program Core		
CIS 250	Systems Analysis and Design	3
EDUC 226	Foundations of Educational Technology	3
EDUC 227	Digital Tools for Teaching, Learning & Assessment	3
EDUC 228	Designing Active Learning Environments	3
EDUC 229	Digital Media Literacy in Classrooms	3
EDUC 230	Internet Technology Fundamentals with Hardware, Software & Operating Systems	3
EDUC 231	Social Media in the K-12 Classroom	3
EDUC 232	Visionary Leadership in Educational Technology	3
CIS 299	Special Topic Comp Info Sys	3
Total Hours		27

Pathway

This is an **example course sequence** for students interested in pursuing the Technology Specialist Endorsement Advanced Certificate (AC). It

does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn a Advanced Certificate.

Semester-by-Semester Plan

First Year		
Fall		
EDUC 226	Foundations of Educational Technology	3
CIS 250	Systems Analysis and Design	3
Hours		6
Spring		
EDUC 227	Digital Tools for Teaching, Learning & Assessment	3
EDUC 229	Digital Media Literacy in Classrooms	3
Hours		6
Summer		
EDUC 228	Designing Active Learning Environments	3
EDUC 231	Social Media in the K-12 Classroom	3
Hours		6
Second Year		
Fall		
EDUC 230	Internet Technology Fundamentals with Hardware, Software & Operating Systems	3
CIS 299	Special Topic Comp Info Sys	3
Hours		6
Spring		
EDUC 232	Visionary Leadership in Educational Technology	3
Hours		3
Total Hours		27

Careers

This program can prepare students for the jobs listed below. Click on each one to learn more, including average earnings, annual job openings,

and how much education people in that field have. For additional guidance and resources on career options, current City Colleges students and alumni can contact the Career Services Office (<https://www.ccc.edu/departments/Pages/Career-Services.aspx>).

Instructional Coordinators

Job Description

Develop instructional material, coordinate educational content, and incorporate current technology into instruction in order to provide guidelines to educators and instructors for developing curricula and conducting courses. May train and coach teachers. Includes educational consultants and specialists, and instructional material directors.

Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages

Entry-Level 10 th Percentile	\$52,277
Median 50 th Percentile	\$82,572
Senior-Level 90 th Percentile	\$126,283

Hourly Wages

Entry-Level 10 th Percentile	\$25
Median 50 th Percentile	\$40
Senior-Level 90 th Percentile	\$61

Annual Job Openings

426 annual openings in Cook County

National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	0.00%
A certificate	0.00%
Some college	0.00%
An Associate degree	0.00%
A Bachelor's degree	24.97%
A Master's or Professional degree	74.90%
A Doctoral degree or more	0.14%

100.01% continue their education beyond an associate degree

Librarians and Media Collections Specialists

Job Description

Administer and maintain libraries or collections of information, for public or private access through reference or borrowing. Work in a variety of settings, such as educational institutions, museums, and corporations, and with various types of informational materials, such as books, periodicals, recordings, films, and databases. Tasks may include acquiring, cataloging, and circulating library materials, and user services such as locating and organizing information, providing instruction on how to access information, and setting up and operating a library's media equipment.

Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages

Entry-Level 10 th Percentile	\$46,372
Median 50 th Percentile	\$65,799
Senior-Level 90 th Percentile	\$107,553

Hourly Wages

Entry-Level 10 th Percentile	\$22
Median 50 th Percentile	\$32
Senior-Level 90 th Percentile	\$52

Annual Job Openings

284 annual openings in Cook County

National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	0.00%
A certificate	4.45%
Some college	10.22%
An Associate degree	3.65%
A Bachelor's degree	10.93%
A Master's or Professional degree	69.32%
A Doctoral degree or more	1.44%

81.69% continue their education beyond an associate degree