

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 | \$50,367 |
| Median 50 th Percentile | \$73,489 |
| Senior-Level 90 th Percentile | \$119,294 |

Hourly Wages

| | |
|--|------|
| Entry-Level 10 th Percentile | \$24 |
| Median 50 th Percentile | \$35 |
| Senior-Level 90 th Percentile | \$57 |

Annual Job Openings

437 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 | \$44,268 |
| Median 50 th Percentile | \$65,948 |
| Senior-Level 90 th Percentile | \$108,050 |

Hourly Wages

| | |
|--|------|
| Entry-Level 10 th Percentile | \$21 |
| Median 50 th Percentile | \$32 |
| Senior-Level 90 th Percentile | \$52 |

Annual Job Openings

277 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