



College of Education

TEACHING ENDORSEMENT IN COMPUTER SCIENCE EDUCATION



Offered by the **University of Illinois Urbana-Champaign**, the **CSTed** curriculum is designed with educators in mind and specifically focused on the teaching and learning of Computer Science

Cohorts Begin every
SUMMER SEMESTER IN JUNE

Our Program



Virtual 100%

All courses offered online synchronously



Tuition Support

May be available through the program or school district



Open to IL Teachers

With a valid PEL in grades 5-12



Course Pathway

One class on one evening per semester, summer meets two days

Program Overview

The Teaching Endorsement in Computer Science (CSTed) pathway is a five-semester, cohort-based model that meets the Illinois State Board of Education's requirement for obtaining a subsequent endorsement in computer science

For more details:



tmcfar1@illinois.edu



[www.go.illinois.edu/CSTed](https://go.illinois.edu/CSTed)



SIGN UP FOR AN INFO SESSION

Session #1

Mon 2/8/27 @ 5pm

<https://go.illinois.edu/27CSTed-Info1>

Session #2

Thur 3/11/27 @ 5:30pm

<https://go.illinois.edu/27CSTed-Info2>

Session #3

Mon 4/19/27 @ 5pm

<https://go.illinois.edu/27CSTed-Info3>

Session #4

Thur 5/13/27 @ 4pm

<https://go.illinois.edu/27CSTed-Info4>

Registration
for the next
cohort opens
Mid April 2027



TEACHING ENDORSEMENT IN COMPUTER SCIENCE EDUCATION

The Courses



Computer Programming and the CS Classroom - Summer 1 (4hr)



Introduction to Computer Science for CS Teachers - Fall 1 (4hr)



Data Structures for CS Teachers - Spring 1 (4hr)



Teaching Methods for CS Teachers - Summer 2 (4hr)



Computer Systems for CS Teachers - Fall 2 (2hr)



Introduction to Algorithms for CS Teachers - Fall 2 (2hr)



Graduate level courses which could lead to lane adjustment or a Masters Degree with a few additional courses



The CSTed course series enables current teachers to:

- Acquire core content knowledge and skills
- Reflect on the processes of teaching and learning CS
- Learn about diverse, real-world application of CS
- Teach and design a variety of courses related to CS



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