



COLLEGES OF ENGINEERING AND EDUCATION
MICROSOFT TEACHER COMPUTER SCIENCE ACADEMY

OVERVIEW

The Microsoft Teacher Computer Science Academy at the University of Texas at El Paso (UTEP) was established to establish pathways for teachers to become Computer Science (CS) Teacher certified and to complete graduate coursework toward a graduate certificate from the CS Department. The objectives of the program are to 1) increase the number of teachers who become certified to teach high school CS courses, and 2) increase the number of teachers who receive a UTEP graduate certificate in CS.

The Academy has two pathways described below:

Pathway 1 - CS Teacher Certification: the recommended courses for teachers, who aim to become a certified CS teacher, are: CS1 and CS2. To shorten the time to become certified, teachers will be encouraged to take an online or self-study CS1 course by May 15 with assistance from the CS Department. They will then take a mini-mester course in late May that prepares them to test out of CS1. In the summer, teachers will take CS2 and the Certification Prep Workshop. The scholarship for Pathway 1 is \$4,360 to cover the cost of tuition and fees.

Pathway 2 - CS Graduate Course Completion: The Graduate Course Completion pathway assumes that the teacher has completed Pathway 1 (or will be completing Pathway 1), or has a sufficient background in CS. Teachers will be required to take Discrete Structures or a Discrete Math course in the summer. Teachers in Pathway 2 will complete five graduate courses starting with two courses in the fall, two courses in the spring, and one course in the summer. Completion of the five courses will result in a Graduate Certificate. Teachers are also expected to prepare for certification in CS through the Certification Prep Workshop and take the CS Teacher Certification exam within a year of the program. Teachers will have an option to continue coursework that leads to a master's degree. The scholarship for Pathway 2 is \$7,350 to cover the cost of tuition and fees.

Please complete the application and include the supporting documents (i.e., unofficial transcript and résumé). Email these to Christian Teran (cteranlopez@utep.edu) or mail to:

The University of Texas at El Paso
Computing Alliance of Hispanic-Serving Institutions
ATTN: Christian Teran
Classroom Building Room 401
500 W. University Avenue
El Paso, TX 79968-0555

THE UNIVERSITY OF TEXAS AT EL PASO



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Application (Print or Type)

APPLICANT'S INFORMATION		
Last Name:		
First Name:		
E-Mail:		
Pathway (1: CS Teacher Certification, 2: CS Graduate Course Completion):		
High School:		
School District:		
Teaching area:		
Name of your current supervisor:		
Applicant's Address:		
City:	State:	ZIP Code:
Phone Number:		
ACADEMIC/PROFESSIONAL REFERENCES		
Name:		
Title:	E-Mail Address:	
Organization:	Phone Number:	
Name:		
Title:	E-Mail Address:	
Organization:	Phone Number:	
PLEASE ANSWER THE FOLLOWING QUESTIONS CAREFULLY		
Describe your interest in pursuing the Microsoft opportunity.		
What experiences have you had, if any, with programming or computing (include any knowledge that you may have of a programming language)?		

What are your career goals?

Describe a situation in which you have shown *motivation and persistence* (self-encouragement and willingness to overcome obstacles) in your academic, professional or personal life.

Describe your teaching philosophy and efforts to support student success.

- I have included a transcript (unofficial) of all previous undergraduate or graduate course work.
- I have included a résumé that lists educational degree(s), work experience, and other relevant information to the application.
- I understand that I will have to demonstrate that I have achieved CS1 learning outcomes through self-study.
- I acknowledge that I will take the Computer Science Teacher Certification exam within one year of the program start date.
- I acknowledge that, if selected, I will commit to teaching one or more computing courses for the next two academic years.

SIGNATURE

Name (Applicant):	Signature:	Date:
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Name (Principal):	Signature:	Date:
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