



**K-State's Department of Computer Science offers curriculum and training so you can offer a CS Course by Fall 2023!**

**Our Cyber Pipeline program works alongside teachers just like you to teach students the skill of computer programming.** We offer everything you need:

- Hands-on programming exercises
- High-quality video lectures
- Online programming environment compatible on any device with a web browser
- Automated grading and feedback
- Full lesson plans
- Teacher guide
- Alignment with Kansas CTE Program
- Ongoing support from K-State's Computer Science Faculty
- A modular curriculum approach to easily allow you to customize these courses to fit your needs
- Options for offering student college credit

### **Core Courses**

- CC110 - Introduction to Computing
- CC210 - Fundamental Computer Programming Concepts

### **Additional Courses**

- CC120 - Web Page Development
- CC310 - Data Structures & Algorithms 1
- CC315 - Data Structures & Algorithms 2
- CC410 - Advanced Programming
- CC510 - Computer System Administration
- CC515 - Full Stack Web Development
- CC520 - Database Essentials
- CC535 - Applied Data Science

<https://cs.ksu.edu/outreach/cyber-pipeline/>

### **Professional Development Training**

**Our professional development program will get you ready to teach quickly.**

Teaching programming can be a daunting task. We value your investment in your students, so we want to invest in you!

- Offered asynchronously online to work around your schedule
- Taught by experts in computer science content and pedagogy
- Counts as 10 hours of grad coursework applying to 1 Continuing Education Requirements 2 The Computer Science Educator Graduate Certificate 3 A Master's Degree in Computer Science Education
- Includes ongoing support of K-State faculty, lesson development support from the ALT+CS lab, and membership in the Kansas CSTA Chapter

**Commit to teaching a Cyber Pipeline Core Course in the 2023-24 school year, and we'll train you for FREE!\***

We are working with multiple sponsors to also provide our teachers with stipends and classroom technology like robots, drones, and Raspberry Pis.

\* Offer subject to available funds



<https://tinyurl.com/yck2bj3>