COMPUTER SCIENCE ENDORSEMENT PREPARATION - NON-DEGREE

College of Education Health and Human Services
School of Teaching, Learning and Curriculum Studies
404 White Hall
Kent Campus
330-672-2580
www.kent.edu/ehhs/tlcs

Description
The Computer Science Endorsement Preparation non-degree program is intended for teachers who want to become computer science educators or assume various technology coordinator positions in a school or at the school district level.

This endorsement must be added to an existing teaching license and cannot be obtained independently as a separate licensure. Students who hold a master's degree in education or another appropriate field may be able to earn the endorsement with this non-degree program. Students without a master's degree may work toward both a master's degree and the endorsement by applying to the M.Ed. in Educational Technology, Computer Science Endorsement Preparation concentration.

Fully Offered At:
• Kent Campus (hybrid online/on-ground)

Accreditation
The Computer Science Endorsement Preparation non-degree program has received national accreditation from the International Society for Technology in Education (ISTE), the professional organization that reviews licensure programs for the National Council for the Accreditation of Teacher Education (NCATE).

Admission Requirements
• Master's degree in education or another appropriate field from an accredited institution
• Minimum 3.000 GPA on a 4.000 point scale (last degree)
• Evidence of valid four-year Resident Educator or five-year Professional State of Ohio teaching license
• Official transcripts
• Goal statement
• Two letters of recommendation from academic and professional references

For more information about graduate admissions, please visit the Graduate Studies admission website.

Program Learning Outcomes
Completers of this non-degree program will be able to:

1. Demonstrate knowledge of computer science content and model important principles and concepts:
   a. Demonstrate knowledge of and proficiency in data representation and abstraction
   b. Effectively design, develop and test algorithms
   c. Demonstrate knowledge of digital devices, systems and networks
   d. Demonstrate an understanding of the role computer science plays and its impact in the modern world

2. Plan and teach computer science lessons/units using effective and engaging practices and methodologies.
3. Design environments that promote effective teaching and learning in computer science classrooms and online learning environments and promote digital citizenship.
4. Create and maintain safe, ethical, supportive, fair and effective learning environments for all students.
5. Participate in, promote and model ongoing professional development and lifelong learning relative to computer science and computer science education.

Residence Requirement Policy for Non-Degree Teacher Education Licensure/Endorsement Preparation Programs
• Non-degree licensure (initial and additional) and endorsement programs that are a total of 15 credits or above: Students must complete 60% of the coursework at Kent State University, including the course that addresses the CAEP A.1.1 Standard as designated by the program area.
• Non-degree licensure (initial and additional) and endorsement programs that are less than 15 total credits: Students must complete 100% of the coursework at Kent State University.
• Students are permitted 6 years to complete licensure programs and 4 years to complete endorsement programs at Kent State University.
• Coursework transferred from another university cannot be more than 6 years old at the time the licensure/endorsement program is completed.
• Students who do not meet the residence requirements will not be recommended for licensure by Kent State University.

Program Requirements

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td>CS 61002</td>
<td>ALGORITHMS AND PROGRAMMING I</td>
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<td>CS 61003</td>
<td>ALGORITHMS AND PROGRAMMING II</td>
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<td>CS 61004</td>
<td>OPERATING SYSTEMS AND ARCHITECTURE</td>
<td>4</td>
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<td>ETEC 67402</td>
<td>MANAGING SCHOOL TECHNOLOGY CENTERS</td>
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<td>AND PROGRAMS</td>
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<td>ETEC 67434</td>
<td>EMERGING TECHNOLOGIES FOR EDUCATION</td>
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<tr>
<td>ETEC 67492</td>
<td>PRACTICUM AND PORTFOLIO</td>
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Minimum Total Credit Hours: 21

PROGRESSION REQUIREMENTS
• Must maintain a minimum 3.000 overall GPA

GRADUATION REQUIREMENTS
• Minimum 3.000 overall GPA
Licensure Information

Prior to program completion, the candidate must demonstrate proficiencies in the following areas (including but not limited to): Data literacy and analysis, use of research and assessment data, leadership and collaboration, utilizing and supporting appropriate technology for the discipline, and application of professional dispositions, laws and policies, codes of ethics and professional standards appropriate to their field of specialization.

Candidates seeking Ohio teaching licensure are required to pass specific requirements in order to apply for licensure from the Ohio Department of Education (ODE). Students must pass the Ohio Assessment Exam (OAE) to obtain this licensure. Students should consult the Educational Technology program area for specific program requirements and refer to the Ohio Department of Education - Educator Preparation website for more information on assessments specific to licensure type.