EDUCATIONAL TECHNOLOGY - M.ED.

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 Master of Education degree in Educational Technology prepares students to design, develop and use a variety of technologies in school classrooms, in training facilities or in other educational settings. Students gain core educational technology knowledge and skills and then specialize in an area within the field.

The Educational Technology major comprises the following optional concentrations:

• The **Computer Technology Endorsement Preparation** concentration allows students with an existing Ohio teaching license to obtain the computer technology endorsement with the M.Ed. degree in Educational Technology by completing the Computer Technology Endorsement Preparation concentration coursework, including a 100-hour practicum. The endorsement allows teachers to teach computer applications in the classroom or assume technology leadership positions in a school or at the district level. The endorsement cannot be obtained as a stand-alone license.

• The **Computer Science Endorsement Preparation** concentration allows students with an existing Ohio teaching license to obtain the computer science endorsement with the M.Ed. degree in Educational Technology by completing the Computer Science Endorsement Preparation concentration coursework, including a 100-hour practicum. The endorsement prepares computer science educators. The endorsement cannot be obtained as a stand-alone license.

Fully Offered At:
• Online
• Kent Campus

Admission Requirements

• Bachelor’s degree from an accredited college or university for unconditional admission
• Minimum 3.000 undergraduate GPA on a 4.000 point scale for unconditional admission
• Official transcript(s)
• Goal statement
• Two letters of recommendation from academic and professional references
• Computer Science and Computer Technology concentrations require evidence of a valid 4-year Resident Educator or 5-year Professional State of Ohio teaching license.
• English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:

  • Minimum 550 TOEFL PBT score (paper-based version)
  • Minimum 79 TOEFL IBT score (Internet-based version)
  • Minimum 77 MELAB score
  • Minimum 6.5 IELTS score
  • Minimum 58 PTE score

For more information about graduate admissions, please visit the Graduate Studies admission website. For more information on international admission, visit the Office of Global Education’s admission website.

Program Learning Outcomes

Graduates of the M. Ed. Educational Technology major will be able to:

1. Demonstrate knowledge about different types of hardware and of a variety of different software applications.
2. Conduct literature reviews to examine issues associated with technology and learning.
3. Develop, implement, and troubleshoot web-based, interactive multimedia educational programs.
4. Design, develop, and evaluate educational materials using various technology tools.
5. Apply principles of message design to the development of educational materials.
6. Identify critical issues related to the field of educational technology.
7. Advocate for the appropriate use of technology in educational settings, including providing equitable access to technology resources for all students.
8. Apply principles of change management, organizational development, technological diffusion and adoption and project management to effecting change in an organization.
9. Practice the systematic evaluation of educational materials that use technology, based upon the objectives previously established for the unit or lesson.
10. Assess the effectiveness of the use of technology for instruction, with a variety of assessment techniques.
11. Identify trends in the field, and apply those trends to current situations.

In addition, graduates of the Computer Science concentration will be able to:

1. Demonstrate knowledge of computer science content and model important principles and concepts.
2. Demonstrate knowledge of and proficiency in data representation and abstraction.
3. Effectively design, develop, and test algorithms.
5. Demonstrate an understanding of the role computer science plays in its impact in the modern world.

Program Requirements

Major Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETEC 57427</td>
<td>TECHNOLOGY AND LEARNING</td>
<td>3</td>
</tr>
</tbody>
</table>
ETEC 57400  TRENDS IN EDUCATIONAL TECHNOLOGY  3
ETEC 57403  INSTRUCTIONAL DESIGN  3
ETEC 67420  RESEARCH ISSUES IN EDUCATIONAL TECHNOLOGY  3

Thesis or Non-Thesis Option, choose from the following:  9

**Thesis Option**
- ETEC 60199  THESIS I
- Electives

**Non-Thesis Option**
- ETEC 67492  PRACTICUM AND PORTFOLIO ¹
- Electives ²

**Additional Requirements or Concentrations**
Choose from the following:  9-12

- Additional Requirements for Students Not Declaring a Concentration
- Computer Science Endorsement Preparation Concentration
- Computer Technology Endorsement Preparation Concentration

Minimum Total Credit Hours:  30-33

¹ Students in an endorsement preparation concentration must take at least 3 credit hours of ETEC 67492.
² Students in the Computer Science Endorsement Preparation concentration fulfill elective requirement ETEC 67434 and ETEC 67402.

**ADDITIONAL REQUIREMENTS FOR STUDENTS NOT DECLARING A CONCENTRATION**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>MAJOR REQUIREMENTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specialization Electives ¹</td>
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<td>9</td>
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<td>Minimum Total Credit Hours:</td>
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<td>9</td>
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</table>

¹ Students may choose coursework in various specializations, including immersive technologies for learning, management of educational technologies, online and blended learning and teaching, designing instructional and performance solutions, or others.

**Computer Science Endorsement Preparation Concentration requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CONCENTRATION REQUIREMENTS</td>
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<tr>
<td>CS 61002</td>
<td>ALGORITHMS AND PROGRAMMING I</td>
<td>4</td>
</tr>
<tr>
<td>CS 61003</td>
<td>ALGORITHMS AND PROGRAMMING II</td>
<td>4</td>
</tr>
<tr>
<td>CS 61004</td>
<td>OPERATING SYSTEMS AND ARCHITECTURE</td>
<td>4</td>
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<tr>
<td>Minimum Total Credit Hours:</td>
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<td>12</td>
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</tbody>
</table>

¹ All courses are required. Two courses may be used to fulfill Non-Thesis Elective major requirements.

**computer technology endorsement preparation concentration requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CONCENTRATION REQUIREMENTS</td>
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<tr>
<td>ETEC 67402</td>
<td>MANAGING SCHOOL TECHNOLOGY CENTERS AND PROGRAMS</td>
<td>3</td>
</tr>
<tr>
<td>ETEC 67425</td>
<td>MANAGING TECHNOLOGICAL CHANGE</td>
<td>3</td>
</tr>
<tr>
<td>ETEC 67426</td>
<td>MANAGING SCHOOL TECHNOLOGIES</td>
<td>3</td>
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<tr>
<td>Minimum Total Credit Hours:</td>
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<td>9</td>
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</tbody>
</table>

**Graduation Requirements**
- No more than one-half of a graduate student’s coursework may be taken in 50000-level courses.

**Dual Degree with M.L.I.S. degree in Library and Information Science**

Student have the opportunity to complete a dual degree program with the M.Ed. degree in Educational Technology and the M.L.I.S. degree in School Library Media K-12. A separate application must be submitted for each program. Students can view admission requirements for each program on their respective catalog page.

The M.Ed./M.L.I.S. dual degree program leads to a multi-age initial licensure in school library media. This program prepares students to work in all types of libraries, including school libraries. The program of study includes professional educational requirements, along with library science and educational technology courses.

**Dual Degree Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>MAJOR REQUIREMENTS</td>
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<tr>
<td>ADED 62145</td>
<td>PRINCIPLES OF SECONDARY TEACHING</td>
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<tr>
<td>CI 67310</td>
<td>THEORY AND PRACTICE IN THE TEACHING OF READING</td>
<td>3</td>
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<tr>
<td>CI 67330</td>
<td>READING IN CONTENT AREAS</td>
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<tr>
<td>EPSY 65524</td>
<td>LEARNING THEORIES</td>
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<tr>
<td>LIS 60020</td>
<td>INFORMATION ORGANIZATION</td>
<td>3</td>
</tr>
<tr>
<td>LIS 60030</td>
<td>PEOPLE IN THE INFORMATION ECOLOGY</td>
<td>3</td>
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<tr>
<td>LIS 60050</td>
<td>RESEARCH AND ASSESSMENT IN LIBRARY AND INFORMATION SCIENCE</td>
<td>3</td>
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<tr>
<td>LIS 60607</td>
<td>SCHOOL LIBRARY MANAGEMENT</td>
<td>3</td>
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<tr>
<td>LIS 60618</td>
<td>INFORMATION LITERACY INITIATIVES AND INSTRUCTION</td>
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<tr>
<td>LIS 60624</td>
<td>CATALOGING FOR SCHOOL LIBRARIES</td>
<td>3</td>
</tr>
<tr>
<td>LIS 60626</td>
<td>ENGAGING TEENS</td>
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<tr>
<td>LIS 60629</td>
<td>ENGAGING SCHOOL-AGE CHILDREN</td>
<td>3</td>
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<tr>
<td>LIS 60630</td>
<td>REFERENCE SOURCES AND SERVICES FOR YOUTH</td>
<td>3</td>
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<tr>
<td>LIS 60892</td>
<td>CULMINATING EXPERIENCE FOR DUAL DEGREE</td>
<td>6</td>
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<tr>
<td>SPED 63200</td>
<td>INTRODUCTION TO EXCEPTIONALITIES</td>
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</table>

Dual Degree Electives, choose from the following:  9

- ETEC 57400  TRENDS IN EDUCATIONAL TECHNOLOGY
- ETEC 57403  INSTRUCTIONAL DESIGN
- ETEC 57427  TECHNOLOGY AND LEARNING
ETEC 67420  RESEARCH ISSUES IN EDUCATIONAL TECHNOLOGY
ETEC 67425  MANAGING TECHNOLOGICAL CHANGE
ETEC 67426  MANAGING SCHOOL TECHNOLOGIES
ETEC 67434  EMERGING TECHNOLOGIES FOR EDUCATION
LIS 60675  YOUTH LITERATURE IN THE DIGITAL REALM

Additional Library and Information Science (LIS) courses are accepted

Minimum Total Credit Hours: 57

Graduation Requirements
- Students in M.Ed. degree have six years from the term of first enrollment to complete the degree.
- Students are responsible for completing licensure paperwork requirements through the College of Education, Health and Human Services near the end of or at the conclusion of their M.L.I.S. degree program. Exam administered by the Evaluation Systems Group of Pearson is required for licensure.

Licensure Information
Candidates seeking Ohio licensure are required to pass specific assessments in order to apply for licensure. Students should consult their advisors for specific program requirements and refer to the Ohio Department of Education-Educator Preparation website for more information on assessments specific to licensure type.