

# M.Ed. in Assessment, Curriculum and Teaching



## Three high-demand online opportunities to advance your teaching career.

The M.Ed. in Assessment, Curriculum and Teaching (ACTE) at Millersville University is designed with the busy educator in mind. The fully online program focuses on two concentrations that better advance the knowledge and careers of today's educators.

## CONCENTRATIONS

### ONLINE TEACHING

The Online Teaching concentration is designed for educators interested in learning the foundational tools and pedagogy for blended and online environments. With the explosion of online and blended instructional opportunities for students and teachers, this program helps prepare graduates to design and facilitate online classes by ensuring they can:

- Demonstrate proficiency in the use of multimedia, Web 2.0, and current and emerging technologies for assessment, curriculum development and instruction.
- Examine innovative teaching methods to foster student learning for different modes of delivery (face-to-face, flipped, blended, fully online).
- Apply the phases of an instructional design model to the development of curriculum that is reflective of mode of delivery.
- Create varied and targeted assessments that effectively measure student learning aligned to content standards and leverage emergent instructional models.
- Develop methods of evaluating and improving curricular design through the use of student assessment data.

[millersville.edu/edfoundations/master-online-teaching.php](http://millersville.edu/edfoundations/master-online-teaching.php)



Complete program in 33 credits



This program offers rolling admission



Structured for full-time and part-time students

### This Program Is Designed for:

- Fully online teaching faculty in K-12 education. (\*This program will NOT lead to an initial teaching certification.)
- Regular classroom teachers that are already using flipped and hybrid instruction.
- Curriculum supervisors and designers.
- Current and prospective teachers seeking an edge in job searches.
- Educational administrators and leaders.

### Program Highlights:

- Accelerated courses – 100% online.
- Credits earned are eligible to count toward meeting ACT 48 requirements.
- Coursework linked to practice through field experiences.
- Connected to PDE and NSQOL standards for online teaching.



## STEM (SCIENCE, TECHNOLOGY, ENGINEERING AND MATH) EDUCATION

The STEM Education concentration is designed for educators interested in learning the foundational tools and pedagogy for integrated STEM education. Through a multidisciplinary approach, this program helps prepare graduates to integrate science, technology, engineering and mathematics by ensuring they can:

- Integrate student-centered learning approaches to improve the quality of K-12 education and interaction with the larger community.
- Incorporate active, project-based learning.
- Develop and use skills in analysis, problem-solving and critical thinking.
- Create varied and targeted assessments that effectively measure student learning aligned to content standards and leverage emergent instructional models.
- Develop methods of evaluating and improving curricular design through the use of student assessment data.

### This Program Is Designed for:

- Teachers who hold an initial teaching certification in any K-12 discipline. (\*This program will NOT lead to an initial teaching certification.)
- Teachers in STEM subjects: science, technology, engineering and mathematics.

### Program Highlights:

- Accelerated courses – can be completed 100% online.
- Affordable tuition rates.
- Credits meet ACT 48 requirements.
- Interdisciplinary faculty from three departments.

[millersville.edu/edfoundations/master-stem.php](http://millersville.edu/edfoundations/master-stem.php)



## ONLINE TEACHING REQUIRED CURRICULUM

### M.ED. CORE COURSES

- EDFN 545 Advanced Educational Psychology
- EDFN 601 Methods of Research
- EDFN 604 Education and Public Policy

### ACTE CORE AND ONLINE TEACHING CONCENTRATION COURSES

- ACTE 630 Current Technology for Online Instruction
- ACTE 625 Technology and Assessment for Learning
- ACTE 632 Online Learning Environments
- ACTE 633 Learners in Online Classrooms
- ACTE 634 Legal and Ethical Issues in Online Education
- ACTE 635 Instructional and Curricular Design for Online Teaching

### CAPSTONE EXPERIENCE

- ACTE 699 Inquiry for Teaching and Learning

## STEM EDUCATION REQUIRED CURRICULUM

### M.ED. CORE COURSES

- EDFN 545 Advanced Educational Psychology
- EDFN 601 Methods of Research
- EDFN 604 Education and Public Policy

### ACTE CORE AND STEM EDUCATION CONCENTRATION COURSES

- ACTE 630 Current Technology for Online Instruction
- ACTE 625 Technology and Assessment for Learning
- ACTE 651 Science Curriculum and Reform
- EDUC 651 Mathematics in the School Program
- EDTE 604 Engineering Principles and Concepts
- ACTE 655 Integrative STEM Education

### CAPSTONE EXPERIENCE

- ACTE 699 Inquiry for Teaching and Learning

## CONTACT INFORMATION

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