

Online Continuing Education Courses for K-12 Teachers



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tour today!

**Earn graduate credits from accredited universities
conveniently at home...apply new skills immediately
in your classroom!**

Enhance Your Success in the Classroom With Online Continuing Education Courses

Earn 3
semester hours
(or 5 quarter hours)
of graduate credit
per class

Gain the content knowledge, practical teaching skills and strategies you need to help your students succeed. Teachscape, a leader in professional learning for educators, now offers twenty online continuing education courses.

Teachscape only partners with regionally accredited institutions of higher education, to offer these courses for 3 semester hours (or 5 quarter hours) of graduate credit.

Tuition includes all fees and course materials. You will receive everything you need to complete a course in the convenience of your home or school.

How the online courses work...

- Courses are self-paced. After you sign up, you can begin your coursework immediately. Work where and when it is best for you.
- Access the course from any computer with up-to-date internet access.
- View online videos of expert commentaries and unscripted, real classroom situations.
- While you complete the course as an individual, you will be asked to collaborate and problem-solve with colleagues (who do not need to be registered for the course.)
- Apply concepts and new skills immediately into your classroom practice.
- Submit all of your assignments online for grading.

“I liked the **convenience** of an online course because it allowed me to complete the work around my schedule; whether that was at night, early in the morning, or weekends.

The **collaboration** portions allowed me to discuss with and learn from my colleagues.”
—Elementary School Teacher

Experts highlighted in our programs:

Dr. Isabel Beck, University of Pittsburgh
Dr. Maria Blanton, University of Massachusetts, Dartmouth
Dr. Diane Briars, Pittsburgh Public School
Dr. Kay Burke, Kay Burke & Associates/Author
Dr. Marvin Cohen, Bank Street College
Dr. Ceri Dean, McREL
Dr. Jane Doty, McREL
Dr. Nell Duke, Michigan State University
Dr. Paul Eggen, University of Florida
Dr. Susan B. Empson, University of Texas
Dr. Connie Juel, Harvard University
Dr. James Kaput, University of Massachusetts
Dr. Donald Kauchak, University of Utah
Dr. Ann Lieberman, Stanford University
Tom Malarkey, M.A., BayCES
Dr. Robert Marzano, McREL
Dr. Jay McTighe, Consultant

Dr. Louisa Cook Moats, Researcher
Dr. Jeanne Ormrod, Researcher
Dr. Michael Pressley, Michigan State University
Dr. Timothy Rasinski, Kent State University
Dr. Richard Schaar, Texas Instruments
Dr. Judah Schwartz, Harvard University
Dr. Abdulalim Shabazz, Lincoln University
Tony Smith, BayCES
Dr. Catherine Snow, Harvard University
Dr. Deborah Stipek, Stanford University
Dr. Dorothy Strickland, Rutgers University
Dr. Carol Ann Tomlinson, University of Virginia
Dr. Joseph A. Torgeson, Florida State University
Dr. John Van de Walle, Virginia Commonwealth University
Dr. Grant Wiggins, Authentic Education
Dr. Ken Williams, Marygrove College



Online Continuing Education Course List:*

Curriculum, Instruction & Assessment

TEACHER AS LEADER, K–12

This course focuses on the characteristics of successful teacher leaders and ways that all classroom teachers can cultivate these characteristics and improve their leadership skills.

- Identify your personal leadership profile.
- Learn and apply leadership strategies for the classroom, school, and community.

INSTRUCTIONAL DESIGN, K–12

This course concentrates on an effective and efficient instructional planning process that allows teachers to align their instructional design to state and local standards.

- Learn to use “backward design” to create comprehensive instructional units.
- Integrate formal and informal assessment techniques that allow you to monitor student progress, as well as student mastery.

UNDERSTANDING TEACHING AND LEARNING, K–12

This course examines the intricacies of how people learn and the effect teacher understanding has on making informed instructional decisions.

- Analyze and understand why some instructional strategies are more effective than others.
- Apply proven instructional strategies based on current learning theory.

RESEARCH-BASED INSTRUCTIONAL STRATEGIES TO IMPROVE STUDENT ACHIEVEMENT, K–12

This course explores instructional strategies that thirty years of educational research has shown to increase students’ academic achievement.

- Learn and apply each of the research-based strategies.
- Identify how and when to use these strategies in ways appropriate to your grade level and content area.

MEETING THE NEEDS OF ALL STUDENTS, K–12

This course provides teachers with proven strategies and classroom management techniques to help them reach all of their students regardless of ability, language development, race, socioeconomic status, gender, and/or learning challenges.

- Apply strategies to increase student engagement.
- Differentiate instruction according to students’ interests and abilities.

EFFECTIVE ASSESSMENT, K–12

This course grounds teachers in effective ways to assess their students, and how to use this information to modify their instructional practices.

- Identify and define different assessment methods according to three categories: Assessment of Learning, Assessment for Learning, and Assessment as Learning.
- Examine different grading systems and apply one that best communicates student progress and achievement to others.



Elementary Reading & Literacy

ALL STUDENTS CAN READ: FOUNDATIONS OF READING AND LITERACY, K–6

This course focuses on sound theories and principles for developing literacy skills in elementary students.

- Increase understanding of phonemic awareness, phonics, fluency, vocabulary, and comprehension.
- Apply the most effective instructional strategies to improve students’ reading skills.

ASSESSMENT & INTERVENTION FOR STRUGGLING READERS, K–6

This course helps teachers better understand students who struggle with reading and gives them the tools to improve their students’ fluency and comprehension in order to meet grade-level standards.

- Define and describe the characteristics of a struggling reader.
- Identify a particular student who fits that description and examine his/her needs.

READING IN THE CONTENT AREAS, K–6

This course focuses on ways to integrate effective literacy strategies into all content areas.

- Employ effective instructional strategies to engage all learners, in the reading of informational texts.
- Develop subject-area vocabulary that aides in the comprehension of content-specific material.

THE READING AND WRITING CONNECTION, K–6

This course focuses on the writing process and its role in literacy development, and provides teachers with proven techniques to help their students integrate writing into all subject areas.

- Identify, define, and explain all stages of the writing process.
- Create learning experiences in which students respond to literature before, during and after reading.

* Please check www.teachscape.com/courses for a listing of graduate courses offered through each partner university.

Elementary Mathematics

MEASUREMENT AND GEOMETRY FOR ELEMENTARY STUDENTS, K–5

This course allows teachers to develop a profound understanding of key mathematical concepts as outlined in the (NCTM) *Principles and Standards for School Mathematics*. Participants engage in hands-on problem-solving activities that allow them to apply new understanding to their instructional planning and decision-making.

- Apply effective problem-solving strategies to real-world problems.
- Deepen understanding of mathematical concepts such as length, area, volume, angles, and coordinate geometry.

PROBLEM SOLVING NUMBER AND OPERATIONS FOR ELEMENTARY STUDENTS, K–5

Based on the National Council of Teachers of Mathematics (NCTM) *Principles and Standards for School Mathematics*, this course establishes a foundation of mathematical content knowledge and problem-solving skills.

- Deepen personal understanding of mathematical content found in elementary grades, such as place value, the operations, fractions, decimals, and percents
- Develop strategies to teach in a problem-based classroom

FUNDAMENTALS OF MATHEMATICS: TEACHING FOR CONCEPTUAL UNDERSTANDING, 2–6

This course helps teachers deepen their understanding of the mathematical concepts they teach in order to develop the mathematical fluency of their students.

- Develop understanding of key ideas in Number & Operations, Measurement, Geometry, and Algebra.
- Learn to model ways of thinking aloud and sharing efficient problem-solving strategies.

ALGEBRA FOR ELEMENTARY STUDENTS, K–5

This course focuses on developing basic algebraic thinking which includes studying patterns and functions, understanding the structure of the number system, using symbolism meaningfully, and using mathematical modeling to solve problems.

- Deepen understanding of patterns, functions, and algebraic symbols.
- Analyze repeating and growing patterns and represent these patterns in words, pictures, and numbers.

DATA ANALYSIS AND PROBABILITY FOR ELEMENTARY STUDENTS, K–5

This course is structured around the creation and completion of a real-life data analysis project that allows participants to apply knowledge and skills from other mathematical strands.

- Design an investigation to address a question and consider how data-collection methods affect the nature of the data set.
- Use measures of center, especially the median, and understand what each does and does not indicate about a data set.

Middle Level Mathematics

PROPORTIONAL REASONING IN THE MIDDLE GRADES, 6–8

This course examines key mathematical ideas related to helping middle school students develop proportional reasoning.

- Discover ways to improve your instructional planning before, during, and after mathematics lessons.
- Learn ways to model proportional thinking and apply concepts to real-world problems.

PROBLEM SOLVING NUMBER AND OPERATIONS FOR MIDDLE LEVEL STUDENTS, 6–8

Based on the National Council of Teachers of Mathematics (NCTM) *Principles and Standards for School Mathematics*, this course establishes a foundation of mathematical content knowledge and problem-solving skills.

- Deepen personal understanding of mathematical content found in middle school mathematics, such as fractions, decimals, percents, ratios, proportions, and developing proportional reasoning.
- Integrate formative assessment techniques into mathematics instruction.

MEASUREMENT AND GEOMETRY FOR MIDDLE LEVEL STUDENTS, 6–8

This course covers Van Hiele levels of geometric thought – focusing on shapes and properties, transformations, location, and visualization, as well as measurement concepts and skills – and allows teachers to develop a profound understanding of key mathematical concepts as outlined in the NCTM *Principles and Standards for School Mathematics*.

- Apply effective problem-solving strategies to real-world problems.
- Deepen understanding of mathematical concepts such as volume and capacity, similarity and congruence, and solving problems with ratios and proportions.

ALGEBRA FOR MIDDLE LEVEL STUDENTS, 6–8

This course focuses on developing advanced algebraic thinking, including studying patterns and functions, understanding the structure of the number system, using symbolism meaningfully, and employing mathematical modeling to solve problems.

- Examine common misconceptions about learning algebra in order to better understand gaps in student comprehension.
- Model and solve contextualized problems using graphs, tables, and equations.

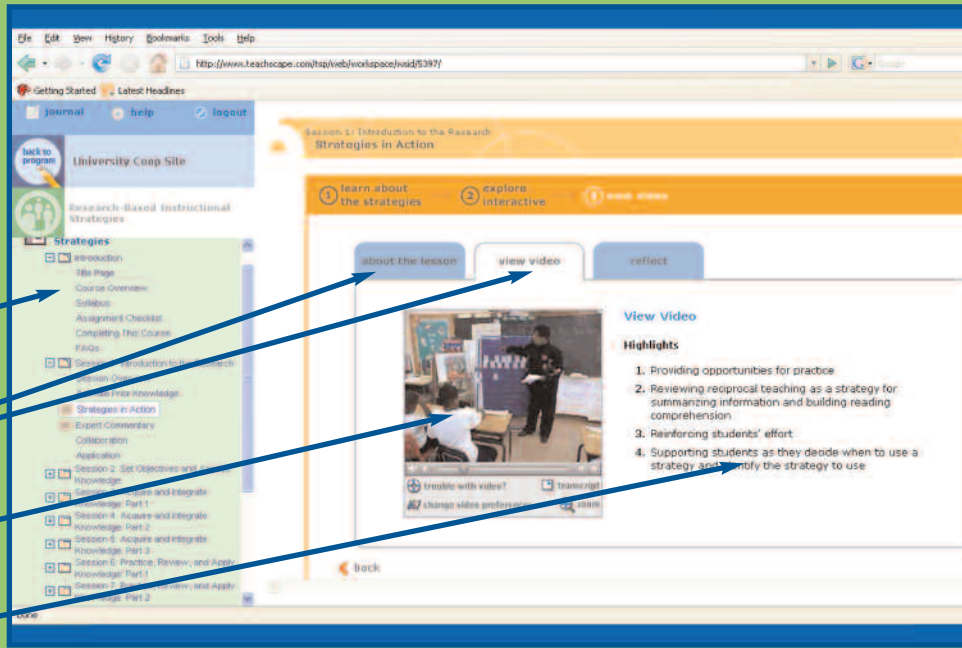
DATA ANALYSIS AND PROBABILITY FOR MIDDLE LEVEL STUDENTS, 6–8

This course is structured around the creation and completion of a real-life data analysis project that allows participants to apply knowledge and skills from other mathematical strands. Key concepts such as data collection, graphical representations of data, and measures of center are highlighted.

- Design an investigation that includes data-collection and data analysis.
- Select, create, and use appropriate graphical representations of data.



The Latest Educational Theories and Practices at Your Fingertips



1. Streamlined Process

The first time you log on, you will see your virtual desk. Every graduate class is clearly organized and includes an introduction and eight sessions; all materials necessary are delivered to your inbox (articles) and/or front door (textbooks). The sessions include both theoretical learning and multiple opportunities to view and participate in real-world applications. Stay on track throughout the course with rubrics, self-checks, and handy timelines. To complete the class, simply email your assignments to the University for grading.

2. Dynamic Interactive Content

We provide robust learning experiences that hold your attention, activate your creativity, and accommodate your personal learning style. You choose how to sequence through a session, which consists of an overview, classroom scenes, expert commentary, and collaborative and practical assignments.

3. Streaming Video

To bring theory to life, you will view videos of classrooms that are unscripted and unrehearsed; expert commentary; and teacher reflections.

4. Your Class. Your Schedule

Study where and when it's best for you.



To request

a sample course, go to

www.teachscape.com/courserequest

YOU HAVE WHAT IT TAKES TO LEARN ONLINE.

All you need is a computer and internet access. The Teachscape delivery platform is designed for educators with any level of technology experience and expertise. No matter what your computer or internet connection speed, you can learn online with ease and efficiency.

PC

- Windows XP or Vista
- Pentium MHZ Processor
- Sound card with speakers or headphone
- Internet Explorer 7.0+ or Firefox*

Macintosh

- OS X 10.3 (or above)
- 400 MHZ Processor (or faster)
- Safari or Firefox internet browser*

Both PC/MAC

- 128 MB of RAM (258 MB recommended)
- Minimum display resolution of 1024 x 768

If you ever have technology questions or problems, Teachscape offers toll-free phone assistance from 8:00 am to midnight, EST, Monday through Friday, and 24-hour email support with responses delivered within 24 hours.

*Most newer computers already have these installed, otherwise they can be downloaded free from the Teachscape website.



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20 courses in high-need areas include:

- ✓ Assessment
- ✓ Reading
- ✓ Math

Benefits:

- License and certification renewal*:
3 hours (or 5 quarter hours) of graduate credit per class
- Salary advancement*
- Best in online and off-line resources delivered right to you
- Work at your own pace
- Cutting-edge research and theory taught by education experts
- Emphasis on practical applications – collaborate with colleagues and stream videos of real world best practices

*Check with your state/district for details