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Advancement Courses partners with top accredited universities.  
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 LMU LA Loyola Marymount University	<p>LMU is regionally accredited by the <b>Western Association of Schools and Colleges (WASC)</b> with program-specific accreditation by the <b>California State Commission on Teacher Credentialing</b> and the <b>National Council for Accreditation of Teacher Education</b>.</p>	Graduate Level	University Transcript
	<p>Professional Development hours only (not for credit through a university partner)</p>	Non-Credit Level	Advancement Courses Certificate

# Teaching Strategies

## The Growth Mindset: Fostering Resilience and a Love of Learning

● ● K-12

Mindset is a buzzword in today's educational landscape, but it often only addresses the student mindset, not the educator's. In this course, you'll explore your internalized beliefs about your own mindset towards learning and your students' abilities, and learn how to structure your classroom around a culture of perseverance and opportunity.

## Flipping Your Classroom: Redefining Homework and Instruction

● ● K-12

Willing to turn your traditional classroom on its head if you thought it would increase student engagement and achievement? Develop strategies for fostering cooperative and collaborative learning using flipped models that shift the classroom from teacher- to student-centered.

## **NEW** A Practical Approach to Partnering Pedagogy ● ● K-12

With a focus on providing real-world links to lessons, learn how to implement Partnering Pedagogy in your classroom. Students lead the learning experience while you provide guidance and direction. Includes advice on selecting topics, the creation of "Guiding Questions", the role of technology, and practical tips for evaluating the effectiveness of Partnering-based lessons.

## Making Thinking Visible ● ● K-12

What is thinking? Referenced in classrooms every day, but how often do we stop and consider what it really looks like? Create a culture of thinking and learning with explicit instruction that promotes and makes visible active, higher-level thinking while developing your students' awareness of their own metacognitive strategies and problem-solving skills.

## Building Cultural Competency to Improve Instruction and Student Achievement ● ● K-12

This course tackles cultural misconceptions and offers practical strategies for building cultural competency and creating an inclusive environment in the classroom.

## Additional Courses

Study Smarter, Not Harder: A Practical Guide to Teaching Study Skills (1 Credit) ● 5-12

Building Meaningful Partnerships: Connecting Schools, Families, and Communities ● ● K-12

Building Blocks for Success: Scaffolding in the Classroom (2 Credits) ● K-12

**FEATURED** Essential Teaching Practices for the 21st Century Teacher ● ● K-12

Never Judge a Book by Its Cover: Perspectives on Social Justice Education ● K-12

Building Parent Engagement and the CCSS ● ● ● K-12

An Educator's Guide to the Common Core ● ● ● K-12

## Better Teaching and Learning with Formative Assessment

● ● ● 3-12

Use formative assessment to quickly and effectively assess student learning in any grade or subject – with strategies on how to analyze data, modify instruction, and provide constructive feedback.

## Cultivating Student-Centered Classrooms (Grades K-5 or 6-12)

● K-5, 6-12

In the 'traditional' approach, the heavy lifting of designing and communicating learning tasks falls primarily on the teacher. In *student-centered instruction*, this shifts to the students. Use active learning strategies instead of lectures, self-paced and cooperative learning, and open-ended tasks that require 21st century thinking to engage students and promote self-reliance skills, deeper understanding, greater retention of knowledge, and increased motivation.

## **NEW** Teaching Media Literacy in a Post-Truth World ● ● K-12

From advances in mobile technology to the expansion of social media, we're bombarded with news and people's reactions to it. While these topics can be contentious, they also hold the potential to open doors to powerful social and educational experiences. Explore how you respond to media, learn to evaluate for credibility and bias, and develop strategies on how to design the learning environment, set expectations, and bring these conversations into the classroom.

## Project-Based Learning in the Elementary, or Middle and High School Classroom (Grades K-5 or 6-12) ● ● K-5, 6-12

Plan and implement project-based learning, where students investigate a complex question over an extended period of time. Engage students in solving real-world problems while they gain critical thinking skills and learn to make connections across disciplines.

## Differentiated Instruction ● ● Pre K-12

Teachers know that students do not fall neatly into one homogeneous group, but have different learning styles, abilities, and preferences. Learn to effectively differentiate instruction for optimal achievement by all students without adding significant planning or instructional time.

### **NEW** Building Presentation Skills for Success ● ● K-12

Building Film Study into Your Instruction ● 6-12

Creating a Cooperative Learning Classroom ● K-12

The What, Why, and How of Universal Design for Learning ● ● K-12

Using Multiple Intelligence Theory to Reach All Learners ● Pre K-12

Teaching the African-American Student ● K-12

The Personal Essay: Knowledge, Power, and the College Application ● 9-12

Strategies for Teaching Latino Students ● K-12

FIND MORE  
COURSE DETAILS  
ONLINE



# Teacher Wellness

## Staying Present: Mindfulness for Better Teaching and Learning

● K-12

When teachers and students are centered and able to manage their emotions, they are more successful in and out of school. This course provides the tools to create a culture where every member is mindful and has the capacity to stay present even in stressful situations.

## Stress Reduction for Better Teaching ● ● Pre K-12

Develop tools to better manage the stress of teaching and improve your ability to fully enjoy the greatest job on earth while being completely present for your students.

### FEATURED Self-Care Strategies for Teachers ● ● Pre K-12

Apply course concepts to build a more grounded, inspired, and sustainable career in education and better manage stressful situations. Build long-term self-care strategies into relationships, daily lives, and work. Track progress through a series of somatic and emotional self-evaluations.

## Achieving a Work-Life Balance in Teaching ● ● K-12

A stressful teaching job can lead to feeling physically, mentally or emotionally overwhelmed. This course provides teachers with a set of practical, customizable strategies for working smarter, not harder - focusing on both productivity and overall wellbeing.

## From Burnout to Productivity: Creating a Path for Teacher Wellness ● ● Pre-K-12

Offers key strategies for creating a healthy work/life balance, advocating for a more sustainable lifestyle, and improving outlook and inspiration both inside and outside of the classroom. Through a series of self-inventories and assessments, identify the sources of burnout and develop strategies for preventing or reversing it.

## How to Stop Playing Catch-up: Time Management for Teachers (1 Credit) ● K-12

Gain concrete, practical tools to assess how you currently spend time, identify where to streamline or eliminate tasks, manage the challenges posed by unplanned interruptions and distractions, and increase efficiency with work email, lesson and assessment planning, grading, and other daily tasks.

## Additional Courses

Special Ed Teachers Are Special ● Pre K-12

Reigniting the Teaching Spirit ● Pre K-12

The Highly Effective Teacher's Guide to Observations and Evaluations ● K-12

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# Social/Emotional Learning

## Kindness: Can it be Taught? ● ● K-12

Though rarely “taught,” researchers believe kindness can (and should) be actively nurtured in the classroom. Learn about the biological roots of kindness, the personal and social benefits it creates, and how to help students be empathetic, honest, and trustworthy.

## **NEW** Child Development and Psychology: Middle Childhood ● ● K-5

Explore child development theories and take an in-depth look at children’s physical, cognitive, and social/emotional development during the elementary school years. Throughout the course you will build a tool that serves as a guide for planning instruction and application of course concepts. Explore special topics related to giftedness, gender identity, obesity, ADHD, bilingualism, and more.

## Emotions and Learning ● ● Pre K-12

Emotional intelligence is a crucial part of a child’s education. Recognize emotionally healthy vs. unhealthy students, identify from where difficulties stem, and develop techniques for strengthening students’ self-confidence, concentration, resilience, and empathy.

## The Teenage Brain: How it Works ● ● 6-12

Impulsivity, mood swings, dangerous experimentation, and poor decision-making... sound familiar? Explore the science of the teenage brain: how it affects emotions, thought processes, and behavior; and how to work with these challenges rather than against them.

## **NEW** Ethical, Legal and Professional Issues in Counseling ● ● K-12

Provides an evaluation of industry-accepted ethical codes within the fields of counseling, psychology, and social work. Examine professional issues, legal responsibilities, and their potential ramifications. Learn to consider ethical dilemmas and design acceptable responses to inform your own practice in the field.

## Additional Courses

Facilitating Discussions About Violence and Trauma in the Classroom  
(Grades K-8 or 9-12) ● K-8, 9-12

Educating for Character and Values ● Pre K-12

The Effects of Divorce on Children ● K-12

Resiliency: Coping with Academic and Emotional Adversity ● K-5

Building Student Character Through Service Learning ● K-12

Overcoming Depression ● 6-12

Children’s Friendships ● Pre K-8

When Death Impacts Your School Community ● 4-12

Conflict Resolution: For the Elementary School Teacher ● Pre K-5



# At-Risk Students

## Teaching Poverty's Children • Pre K-12

Teaches educators about the nature, causes, and effects of poverty, with robust and effective strategies for helping these students succeed in and out of the classroom.

## **FEATURED** Drugs, Kids, & Teachers • K-12

Designed to give the teacher knowledge about the drugs teenagers commonly use and where they access them. Learn to recognize risk factors, implement preventative measures, and intervene in appropriate and effective ways.

## The Growing Menace of Girl Bullies • 6-12

Bullying by girls is on the rise, compounded by social media and marked by gossip, teasing, social exclusion, and other cruel behaviors harmful to both victim and bully. This course provides an up-to-date understanding of the often hidden culture of female bullying, with effective and realistic strategies to address and prevent it.

## Children in Crisis • 6-12

Examines how the mindset of children in poverty adversely affects their self-esteem and attitudes about learning. Provides insight into the teenage drug epidemic and strategies for mitigating the devastating effect of adolescent substance abuse.

## Preventing Teenage Suicide • 6-12

Among 12-18 year-olds, suicide is the second leading cause of death. More teenagers die from suicide than from cancer, birth defects, stroke, pneumonia, and influenza combined. But most have given clear warning signs. The course discusses the causes and symptoms of teenage depression and the thought patterns that can lead a teen to feel there is no other way out. Develop concrete, effective strategies for identifying and helping students at risk.

## Bullies • K-12

Compounded by social media, bullying has become systemic in the US, with cruel behaviors harmful to both victim and antagonist. Get effective and realistic strategies to recognize and address bullying/cyberbullying, and build a preventative classroom culture.

## Additional Courses

Safe Spaces and Affirming Faces: Supporting LGBTQ Youth in Schools • 5-12

The Abused Child: You Can Help • K-12

**FEATURED** From the Inner City to the Ivy League: Rethinking Urban Education (Grades K-5 or 6-12) • K-5, 6-12

Creating a Classroom Culture to Cure Violence • 6-12

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COURSE DETAILS  
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# Classroom Management

## Effective Classroom Management for the 21st Century Teacher

● ● Pre K-12

As well as teaching content, teachers today need to be data analysts, standards experts, and technology gurus, all while facing a complex range of student needs. Explore research-based strategies that will enhance your students' emotional intelligence and academic achievement, boost confidence, and create thriving, positive learning environments for your students – and you.

## **NEW** Building Effective Communication Skills in the Classroom

● ● K-12

How we communicate impacts every aspect of our lives, from interpersonal to professional. Create a classroom environment where students can develop and strengthen their communication skills by focusing on interpersonal and group communications. Key topics include verbal and nonverbal communication, listening and giving feedback, and more.

## Positive Behavior Interventions and Supports for Successful Classrooms ● ● K-12

Has classroom management become an endless chore that minimizes teaching and learning time, and impedes student engagement and motivation? If so, this course is for you. Includes preventive and responsive strategies for addressing off-task behaviors that will decrease disruptions, increase instructional time, and improve academic and social outcomes.

## **NEW** Classroom Management Strategies for Student-Centered Instruction ● ● K-12

Shift your classroom to a student-centered approach that places them at the center of the learning experience. Learn how to work with your students to set up a classroom that supports exploration, motivates students, and authentically engages them in meaningful learning experiences, all while creating a prosocial learning environment that drives positive academic and social outcomes.

## **NEW** Using Data to Drive Continuous Improvement in Education

● ● K-12

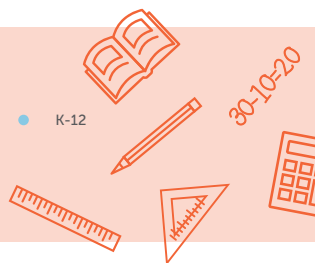
Examine the continuous improvement process and its connection to multifaceted success in the modern learning community. Learn how to collect, analyze, and act on quality data to inform the continuous improvement process. Identify how to develop an improvement initiative that fosters collaboration, responsibility, innovation, best teaching practices, and success.

## Additional Courses

Operation Organization: Establishing Order in Your Classroom (2 Credits) ● K-12

Effective Classroom Management (Grades K-6 or 7-12) ● K-6, 7-12

Getting Off on the Right Foot with Bell-Ringers (1 Credit) ● ● 4-12





# ESL/ELL

## Teaching ESL ● ● Pre K-12

The percentage of students who are English language learners (ELLs) within a school can be as high as 30%. Teaching language skills is no longer the sole job of ESL teachers. This hands-on course offers resources designed to maximize learning for ELLs and encourage involvement, with techniques for language and literacy development, tips for ESL lesson planning, content modification, technology use, assessment, and creating a positive multicultural environment.

## Teaching Writing to English Language Learners ● ● K-12

Designed to provide ESL, general education, or subject area teachers with the skills necessary to teach students at all levels of language acquisition how to make connections, ask questions, visualize, infer, determine importance, synthesize, monitor meaning and comprehension, and continue learning independently through mentor texts and authors.

## CCSS for English Language Learners ● ● ● K-12

Skills, strategies, and instructional shifts essential for ensuring ELLs meet the rigorous standards of the CCSS for ELA at every grade level and across content areas.

# Gifted & Talented

## A Guide to Differentiating Instruction for Gifted and Talented Students ● ● ● K-12

Learn how to modify instruction, assignments, and assessments through thoughtful planning and a deeper understanding of the “big picture” of unit design with a focus on the gifted learner. Create a Differentiated Learning Plan that accounts for learning preferences, interests, and readiness, and includes flexible grouping practices, tiered assignments, and student choice of content, process, and product.

## Reaching and Teaching Gifted Students in a Regular Classroom ● ● K-12

When gifted students are in a class with grade-age peers, the regular curriculum consists of content they have already mastered or can master far more quickly than their classmates. But research shows these students can be the *least* likely to succeed without the proper curricular modifications. This course examines the needs of gifted students (including ELLs or those with ADHD), and how to keep them engaged and supported to meet their true academic potential.



# FREE BOOKS & SHIPPING

Course price includes all materials and shipping

# Special Needs

## Teaching Students with High Functioning Autism ● ● Pre K-12

Identify and diagnose students on the spectrum, develop a deep understanding of their relative strengths and needs, and learn how to help them manage and overcome their unique challenges.

## Dealing with the ADD/ADHD Child ● ● Pre K-5

## Strategies for Dealing with the ADD/ADHD Teenager ● ● 6-12

90% of those with ADD/ADHD will face serious social or academic challenges. It's crucial for teachers to learn why and how these students struggle, the impact of related medication, and specific prevention and intervention strategies.

## Understanding Dyslexia ● ● K-12

Introduces the various conditions and their neurological basis, providing strategies to support students academically, socially, and emotionally. Develop differentiated instruction while channeling significant but often overlooked strengths.

## Special Needs and Education ● ● ● Pre K-12

Provides all teachers with relevant topics and helpful practices to better meet the diverse needs of the 6-7 million special education students in the US, highlighting one student and his mother through video for a deeper level of insight.

## Special Education: The Process and Law ● ● Pre K-12

Every year, more than six million children in the U.S. receive special education services. Learn the history of special education, including how special education and discrimination laws have evolved over the last sixty years, with a particular focus on the Individuals with Disabilities Education Act (IDEA) and how it is applied on a federal, state, and local level.

## Special Ed Teachers Are Special ● K-12

Special educators face challenges capable of overwhelming even the most practiced among them. Develop tools to recognize your personal strengths, satisfactions, and stressors, while cultivating a mindset promoting renewed strength and interest.

## Additional Courses

Technology for the Special Education Classroom (Grades K-5 or 6-12) ● K-5, 6-12

Learning Disabilities: Some Direction ● Pre K-12

Learning Disabilities from Substance Abuse ● Pre K-12

Bridging the Gap: Tech Tools for the Inclusive Classroom (Grades K-5 or 6-12) ● K-5, 6-12

Preparing For Inclusion ● K-12

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# English Language Arts



## Read Out! Building Students' Literacy and Love of Reading Through Read Alouds

● ● ● K-12

The Dept. of Education called them the "single most important activity" for success in reading. Develop strategies for text selection, structure, and engagement, and learn to create a robust classroom Read Aloud program.

## Writing Well or Good Writing? An Educator's Guide to Teaching Grammar

● ● ● K-12

No more boring worksheets and tedious activities – this course introduces a new style of teaching grammar with fun and engaging methods to improve student writing through hands-on grammar instruction, amusing text, and enjoyable activities.

## **NEW** Teaching Research Writing in the Digital Age

● ● ● 6-12

With an emphasis on workplace and college environments, learn how to guide students in developing ideas, gathering information, analyzing data, organizing materials, and crafting quality, well-reasoned reports – with deliberate techniques to fine-tune before presentation.

## Own Your Words: Effective Vocabulary Instruction

● ● ● K-12

Design vocabulary instruction that enhances comprehension and literacy skills across grade levels. Learn how to select appropriate and differentiated vocabulary, create meaningful learning activities, and address the needs of ELLs.

## Writing About Literature: Teaching Literary Analysis

● ● ● 5-12

Learn to engage students in 'writing to read' using the formal vocabularies of different genres, guiding students as they write about fiction, drama, graphic narratives, and poetry. Explore critical approaches to making sense of literature and design engaging activities to provide students opportunities to write their way to a comprehension and appreciation of literary texts.

## Why Argue: Teaching the Art of Oral and Written Argument

● ● ● 5-12

Develop your students' ability to argue relevant concerns with increasing complexity, elegance, and logic, making "because" a thing of the past.

## **FEATURED** Everyone Has A Story To Tell: Narrative in the Classroom

● ● ● 5-12

Stories are how we connect as a culture. Inspire your students to be creative and expressive by teaching them to build rich personal narratives – while improving their reading, writing, comprehension, critical thinking, and analytical skills.

## Implementing Creative Projects in Literacy (Grades K-5 or 6-12)

● K-5, 6-12

Do you think you are creative? How about your students? Can creativity be taught? What do you actually do when you are thinking creatively? Explore the connection between literacy and creativity to better understand how students can effectively articulate their ideas, collaborate, and communicate with each other. Tailored by grade band, courses include best practices for developing creative literacy projects that integrate visual art, dance, music, and theater; tips for offering constructive feedback that scaffolds students' thinking; and strategies that allow students to make choices and pursue inquiry independently.

## Sustained Silent Reading ● K-8

SSR refers to setting aside a quiet, uninterrupted period of time, where students choose something to read that is of high interest to them. With many benefits versus traditional reading instruction, learn how to implement a successful program to motivate, excite, and benefit readers of all levels – and, perhaps most significantly, instill of a lifelong love of reading.

## Helping Kids Write ● K-12

Writing is a complex activity. More than just a skill or talent, it is a means of investigation and expression for learning in all grades and disciplines. Ideas about why and how to teach writing have progressed dramatically in recent years, and this course exposes the teacher to effective approaches and best practices for helping students learn to write.

## Teaching Reading and Writing Across the Curriculum ● K-12

Struggling readers and writers are not only at a disadvantage in English class, but across subjects. Complicating matters are the various unique vocabularies, calls for different types of close reading, and specific writing formats and styles of any particular field. This course is designed to provide content area teachers with the skills necessary to integrate content specific vocabulary, reading, and writing skills into their broader curriculum – with numerous strategies and ready-to-use activities for teaching all levels of students.

## Additional Courses

Teaching Shakespeare: A Focus on Hamlet ● 8-12

Activating Creativity Through Literacy in ELA (Grades K-5 or 6-12) ● K-5, 6-12

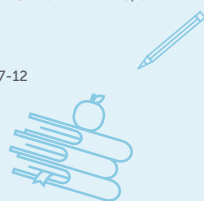
CCSS for English Language Arts: Connecting Theory & Practice (Grades K-5 or 6-12) ● ● ● K-5, 6-12

This Just In: Using Journalism to Strengthen Student Literacy ● 5-12

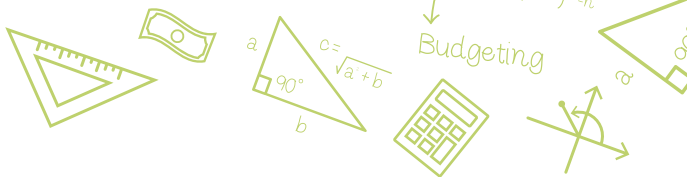
Reimagining Literature: Using Graphic Novels in the Classroom (2 Credits) ● ● 7-12

Literature to Teach Life Lessons ● Pre K-8

Journaling and Creative Writing in the Elementary Classroom ● ● 1-6



# Math



## The Language of Math ● ● 3-8

Mathematics has a language all its own, with some words rarely encountered outside of math, while others are used in new and unexpected ways (e.g., *product*). Learn to avoid the potential pitfalls caused when students do not fully grasp the meanings of important terminology, explore difficult language and concepts, incorporate work with language into the math curriculum, and connect math with reading and writing.

## NEW Fundamentals of Teaching Mathematics ● ● K-12

Learn how to introduce students to mathematical reasoning, sets and functions, whole numbers, number theory, integers, rational numbers, geometry, algebra, statistics, and probability.

## Strategies for Developing an Engaging and Effective Secondary Math Curriculum ● ● ● 6-12

Provides tools to strengthen math instruction by integrating hands-on, real world activities that highlight critical thinking skills, address learning styles, build authentic understanding, and differentiate instruction.

## NEW Real-World Applications for Algebra ● ● 9-12

Provide a foundation in basic algebraic principles, including equations, functions, and mathematical models, with emphasis on application in the business world.

## CCSS in Math: Connecting Content & Practice (Grades K-5, 6-8, or 9-12) ● ● ● K-5, 6-8, 9-12

Both experienced and new teachers will gain a deep familiarity with the CCSS for math, including shifts in focus, coherence, fluency, and application. Provides best teaching practices for connecting content standards to the Standards for Mathematical Practice.

## Additional Courses

Designing and Implementing Quality STEM Instruction ● ● ● K-8

Math Literacy for Successful Students (Grades K-2 or 3-5) ● ● K-2, 3-5

**FEATURED** Problem Solving In Mathematics ● K-5

Productive Classroom Discussions: Fostering Students' Mathematical Understanding ● ● K-8

Closing the Gender Gap in STEM ● K-12

Building an Effective Elementary Mathematics Curriculum ● ● K-6



# Physical Education/Health

## Game On! Getting Kids Pumped in P.E. Class ● ● K-12

Provides an array of motivational strategies to fully engage students of all backgrounds and fitness levels in effective PE instruction, helping them understand the direct benefits of physical activity on their mental, emotional, and physiological wellbeing.

## Health, Wellness, & Fitness: A New Look ● K-12

Provides activities that span multiple dimensions of health and wellness. Learn techniques to foster students' emotional wellbeing, nutritional health, and physical fitness, as well as methods to address the teacher's own health and wellness.

## Athletic Speed & Agility ● K-12

Introduces coaches to speed and agility programs that will enhance their athletes' performance in these areas. Understand the physical features that allow or prevent athletes from developing speed, and how to overcome these obstacles through specific training while limiting injuries.

## Identifying and Preventing Eating and Exercise Disorders ● 5-12

With early detection the key, learn to recognize the signs that a student may be at risk for, or suffering from, an eating or exercise disorder. Understand the causes and symptoms, and how to help establish a healthy body image and positive relationship towards food and exercise.

## Sports and Games: Using Instructional Models in PE ● K-12

The days of uninspired and unorganized play are over! Course includes strategies for identifying competency-based, goal-oriented games and authentic activities appropriate for K-12 physical education, with tools for assessing students as they develop a lifelong interest in fitness.

## Additional Courses

Shaping Authentic PE Instruction in the 21st Century ● K-12

Motivating Players: It's an Art ● 9-12

Basketball, John Wooden's Way ● 6-12

Coaching for Character ● K-12

Why Good Coaches Quit ● 6-12

The Psychology of Sport ● 6-12

Preventing Childhood Obesity ● K-12

The Job of the Athletic Director ● K-12

Coaching the Female Athlete ● 9-12

Stretching Bodies and Minds: Using Yoga to Enhance Student Focus and Motivation (1 Credit) ● K-12

Farm to School: Bringing Healthy Food to our Schools ● K-12

Teaching Beginning Golf ● K-12

Teaching Golf: From 40 Yards In ● K-12

Teaching Intermediate Golf ● 5-12

Teaching Advanced Golf ● K-12



# Science



## Effective Teaching and Learning with Scientific Inquiry (Grades 3-8 or 9-12)

● ● ● 3-8, 9-12

Transform the classroom into an inquiry-based environment where students are inspired to learn and lead. Utilize a developmentally appropriate, step-by-step approach, engaging students in the engineering design process and empowering them to build their own scientific knowledge.

### NEW Teaching Environmental Science ● ● K-12

Examine how to effectively facilitate learning of current environmental thought, economics, ethics, problems, and the related physical, chemical, and biological principles. Guide students in becoming critical consumers of information, fostering their development of evidence-based reasoning.

## Next Generation Science Standards: A New Framework for Authentic Science Instruction

● ● ● K-12

Provides an in-depth understanding of *A Framework for K-12 Science Education* with strategies for translating the NGSS to classroom practices that engage students in authentic learning and inspire success in science.

### NEW Understanding Our Universe: An Introduction to Astronomy

● ● 6-12

A qualitative introduction to the nature of the solar system and beyond. Topics include: the celestial sphere, astronomical observation techniques, the planets and moons, asteroids and comets, the Sun, the lives and evolutions of stars, pulsars, black holes, galaxies, and dark matter.

## Teaching Tough Topics in Biology ● ● 6-12

Many students struggle to learn core concepts in biology, including proteins and genes, cellular respiration, and ecosystem stability. This course provides practical, research-based methods and frameworks you will use to plan and implement effective biology units. Learn how to select instructional strategies that support better understanding of fundamental concepts.

## Additional Courses

Teaching Scientific Argumentation and Critical Thinking ● ● 9-12

Engaging Students in the Study of Genetics ● 4-12

It's Getting Hot in Here: Exploring the Past, Present, and Future of Climate Change ● 5-12

Integrating Engineering Design with Middle & High School Science Instruction ● 5-12

Endangered Species and Mass Extinction Events ● 3-12

The Human Brain ● Pre K-8

Chemists in the Making: Fostering Inquiry with Science Notebooks ● ● 5-12

Tapped Out: The Global Water Crisis ● K-12

Nature Education and Environmental Literacy ● K-12

The Amazing Planet Earth ● K-8

Ice Ages and Glaciation ● 6-12





# Social Studies

## Read Between the Lines: Developing a Critical Historical Perspective ● ● ● 5-12

At some point, every history teacher has been asked, “Why is this important to me?” Teach your students to build critical historical perspectives, contextualizing history in a way that allows them to draw real meaning from past events.

### **NEW** Teaching Western Civilization Part 1 ● ● K-12

### **NEW** Teaching Western Civilization Part 2 ● ● K-12

Events, people, and eras from the time of the Ancient Near East (4000 B.C.) civilizations through the age of the Renaissance (Part 1) or late Renaissance Europe to the Digital Age (Part 2). Teach students how to determine the chronological evolution of Western Civilization and how today’s world is shaped by either the earlier or latter history of Western Civilization.

## America’s Wars: From the Civil War to Vietnam ● ● 9-12

Understand new perspectives, develop complex debates, and create new strategies for teaching America’s wars in a high-interest, interactive way that goes well beyond memorizing battle dates and political speeches.

## Teaching the Constitution and the Bill of Rights ● ● 5-12

The Founding Fathers established a lasting political philosophy that has acted as a model for governments around the world since its inception. To this day politicians and citizens alike continue to interpret and reinterpret the Constitution in light of our evolving society, culture, and political landscape. Engage students and develop a deep understanding of what motivated the writing of the Constitution, the process that created it, and how it continues to shape our daily life.

## Additional Courses

Teaching the American Presidency ● 5-12

History of Slavery in America: 1600s-1800s ● 4-12

America During the Thirties: The Great Depression, Dust Bowl, and New Deal ● 5-12

The American Civil Rights Movement ● 4-12

Teaching American Colonial History ● 6-12

Ancient Rome: The Rise of an Empire ● 3-8

Teaching the American Revolution ● 4-7

Ellis Island and Immigration in the 19th and 20th Centuries ● 6-12

A History of American Women’s Rights: From Susan B. Anthony to the Present ● 5-12

Forgotten Moments in History ● K-12

Ancient Greece ● 3-8

Teaching the American Civil War ● 4-7

History of Great Britain: 18th Century to the Present ● 6-12

# Technology

## Essential Classroom Technology for Teachers ● ● 3-12

A guide for the teacher interested in utilizing technology across subjects to increase student engagement and achievement, with strategies for using the latest technology and digital tools to streamline planning, create engaging learning experiences, and improve digital literacy.

## **NEW** Teaching Computer Science in K-5 ● ● K-5

Overview of how to begin preparing students with the competencies necessary to meet modern society's evolving technology needs, starting with the basics of computational thinking and moving into beginning programming. Addresses reasons for teaching computer science in elementary school and provides resources for use in the classroom setting.

## Blended Learning in the Liberal Arts (Grades K-5 or 6-12) ● ● K-5, 6-12

### Supporting Student Success in STEM Using Blended Learning (Grades K-5 or 6-12) ● ● K-5, 6-12

Students are now tech-savvy individuals whose regular interaction with technology influences how they learn, think, and communicate. Learn to design and implement blended learning instruction that combines online and in-class resources, leveraging technology to build a learning environment that addresses your students' unique characteristics as digital natives.

## Designing and Implementing Quality STEM Instruction ● ● ● K-8

Successfully plan and implement authentic, integrated STEM instruction that engages students in the processes and practices of scientists, mathematicians, and engineers.

## Using Tablets to Support 21st Century Instruction ● ● K-12

An in-depth exploration of how tablets can enhance student learning, improve 21st century skills, engage reluctant learners, and assist in nearly every component of effective teaching.

## Additional Courses

Get Connected with Social Media ● K-12

Social Media Tools for Teaching and Learning ● K-12

Respect, Educate, and Protect: Cultivating Digital Citizenship in 21st Century Learners (1 Credit) ● K-12

Level Up! Student Achievement Through Gamification and Game-Based Learning ● K-12

Closing the Gender Gap in STEM ● K-12

Bridging the Gap: Tech Tools for the Inclusive Classroom (Grades K-5 or 6-12) ● K-5, 6-12

Rewiring Education ● K-12

# The Arts

## The A in STEAM Stands for Arts (Grades K-5, 6-8, or 9-12)

● ● ● K-5, 6-8, 9-12

These courses (tailored for each grade group) provide strategies for integrating arts into STEM lessons, techniques for designing, implementing, and managing STEAM projects, and strategies for assessing students in a way that supports the development of key 21st century skills.

## Managing the Art Classroom ● K-12

Techniques, strategies, and tools for effectively managing your art classroom and striking the right balance between chaos and flow. Design a safe space that fosters self-expression, establish procedures for optimal engagement, and cultivate positive relationships with your students.

## **FEATURED** Fostering Artistic Literacy Using the National Core Arts Standards (Grades K-8 or 9-12) ● ● K-8, 9-12

Provides a framework for designing and implementing effective and engaging instruction in art domains (visual, dance, theatre, music, and media arts) and strategies for assessing students in the fundamental creative practices for the arts: imagination, investigation, construction, and reflection.

## Teaching Jazz: History and Appreciation ● K-6

Introduces jazz and its various styles, historical context, and leading figures. By listening to and analyzing original performances, learn to teach students about the roots and types of jazz, musicians and their works, and how jazz intersected with key events in African-American history and culture.

## Crafting Student Assessment in Art ● K-12

Learn how to create a variety of formative and summative art assessment strategies – including art journals, portfolios, integrated performances, and judging strategies – that support student growth.

## Teaching Classical Music: History and Appreciation ● K-6

Classical music is a genre often unfamiliar to children, but one with the potential to teach positive academic and emotional skills. With audio recordings of important works, trace the development of classic music from the Baroque to the Impressionistic periods. Learn how to teach the key composers, instruments, compositional styles, and historical context of each period.

## Additional Courses

Arts Education for Early Learning and Emergent Literacy ● ● ● K-5

Integrating Art and Drawing into the Elementary Curriculum ● K-6

Be Versatile with Verse: Poetry in the Classroom ● K-12

FIND MORE  
COURSE DETAILS  
ONLINE