

The Pearson Teacher Education and Development team is excited to launch sixty-one new online courses in Curriculum & Instruction (Math, Science Technology), Coaching, Special Education, Reading, English Language Learners, and Leadership. Whether you're interested in establishing an online COHORT, enhancing your current course offerings, or being able to customize pre-created content to support a blended learning environment, Pearson now has the solution!

Developed by eLearning instructional designers and subject matter experts, these courses were created using a methodology designed to promote student retention and success in any classroom environment. Each course is fully customizable and includes:

- A variety of interactive multimedia elements, assignments, and discussion questions will help you save time with course preparation and assessment. Additionally, relevant flash-based video and interactive readings will bring homework and assignments to life.
- All cognitive assessments are correlated to Bloom's Taxonomy, ensuring your courses are pedagogically sound and thoroughly cover higher order thinking skills.
- Online reading exercises integrated within the course offer access to current topics and discipline-leading resources.
- Rubrics, downloadable lectures, instructor guides, sample syllabi, pre-created assignments, and many more time-saving resources make it easy to attain a foundation of support items that you can then utilize in the classroom.

Whether your goal is to support a virtual classroom or create a web enhanced learning environment, it is as easy as selecting the course(s) that best meet your needs and working with your local Pearson sales representative to help you through the simple and efficient process.

For access to our demonstration courses, visit us at www.educatorgrowth.com Username: TEDSales / Password: TEDSales or demo at www.coursecompass.com Log in as Instructor: Username: TedSales / Password: 1TedSales

For more information or to schedule a presentation, contact your local sales rep or e-mail Ted@pearson.com.

(usernames and passwords are case sensitive)

Curriculum and Instruction

Classroom Management

The course introduces comprehensive classroom management and the research and philosophical foundations that support a comprehensive approach. Students will discover *proactive* measures they can take to build a positive climate for learning and *reactive* measures they can take to deal effectively with disruptions/ violations and to resolve conflicts. Students will learn how to use reflection and feedback to assess their classroom management system.

Classroom Assessment

Students will use learning taxonomies to establish learning standards and develop methods of measuring achievement based on those standards. As they design assessments, they will implement methods of establishing validity and reliability. Students are guided in preparing various kinds of traditional test items and authentic performance assessments. The course also provides direction for using portfolio assessment, reporting student achievement, and interpreting standardized tests.

Inclusion

Students will learn to modify curriculum, instruction, and assessment to meet the needs of every student; to collaborate when designing and implementing curriculum and instruction for an inclusive classroom; and to develop the affective skills of students in inclusive settings.

Differentiated Instruction

This course covers how to address student differences by differentiating components of the curriculum—content, processes, and products. It provides guidance on how to present content through a variety of sources that appeal to various learning style preferences, how to differentiate activities (processes) to appeal to varied interests and classroom needs, and how to choose graded assignments (products) that apply to your interests and your teaching.

Cultural Diversity

The course explores historical, theoretical, and practical perspectives on multicultural education. It also shows students how to develop plans to address the diverse needs in their own classroom environments. The course examines curriculum, instruction, and assessment topics and presents strategies that promote success for every student within culturally sensitive classrooms.

Problem-Based Learning

The course explores how technology can assist in the design and implementation of the problem, the investigation of the problem, and the communication of solutions to the problem. It also shows how to use authentic assessments to determine what students have learned through PBL units.

Active Learning

By the end of the course, students will have had the opportunity to develop skills with a wide range of engaging teaching strategies that can be implemented immediately.

Urban Education

The course explores strategies that target a broad range of students and provides guidance on how to cultivate the ability to recognize and respond to students' cultural knowledge and to build a culturally sensitive environment that promotes success for diverse students.

Survival Skills for New Teachers

The course provides strategies to apply right away and offers new teachers the material they need to plan their first teaching year. The assignments and discussion provide a preview of the common problems first-year teachers face, so they can begin to think about how they will meet these challenges.

Parental Involvement

The course focuses on how to build a partnership with parents. Students examine research findings, review professional literature, and investigate and apply new strategies for communicating with parents and involving them in their children's classrooms.

Adolescent Development

The course studies adolescence from a developmental perspective across time and place, examining the biological, psychological, and social changes during early and late adolescence as well as the transition to emerging adulthood. Students will study identity, relationships, school, work, and problems faced by adolescents.

Graphic Organizers

The course will explore applications for different types of graphic organizers and will also show students how to use graphic organizers to help their students organize big ideas, to empower their students to become problem solvers, to support strategic reading, and to enable creative writing.

Online Courses

Reading

Foundations of Literacy

This course will review theories of reading development and current thinking about reading instruction; explore and implement strategies to improve vocabulary, fluency, and comprehension; and design and integrate writing instruction. It will review some causes of reading difficulties and discuss intervention strategies to promote student reading success.

Reading Assessment and Diagnosis

This course explores the variety of reading assessment tools and their uses to improve planning of a reading program. Students will learn to administer and interpret instructional assessments for screening and diagnosis of reading problems.

Reading Assessment and Diagnosis

Instructional Interventions

The course helps students complete an action research project to address the reading difficulties of a particular individual by planning assessment sessions, scoring and analyzing test results, and applying a diagnostic model to target the individual's specific reading problems.

Elementary Literacy and Reading Strategies

This course will explore ways of interweaving the teaching of reading within the teaching of content. Students will investigate, discuss, and apply instructional strategies that integrate content with decoding strategies.

MS/HS Literacy and Reading Strategies

Provides an overview of content literacy, as related to adolescents. Students will learn a wide variety of teaching strategies and ideas that can be utilized in the content area classroom. The course will discuss issues such as motivation, use of technology, and classroom assessment. Students will investigate how to enhance literacy, honor individual differences, and meet the unique needs of all individuals.

Content Area Reading

The course focuses on such teaching strategies as word attack and before-, during-, and after-reading activities as well as strategies for research and writing instruction within a content area.

Children's Literature in the Classroom

The course will focus on the elements of literature and how to apply those elements to both picture books and chapter books. Students will examine criteria for selecting books and will develop their own criteria for identifying "good" books for their students and the particular teaching and learning situations for which they plan to use children's literature.

Elementary Writing Strategies

The course explores the components of good writing and discusses these components for a variety of genres. Students will learn to design instruction to enhance writing performance and learn how to modify and differentiate instruction to meet the needs of various individuals.

Middle School Writing Strategies

The course focuses on the process approach to teaching writing and assessing the writing product. Students will learn how to create a positive writing environment and how to teach the various stages of the writing process: prewriting, drafting, revising, editing, and publishing.

Adolescent Literature

The course explores the role of genre in adolescent literature and investigates the role of literary elements in the telling of a story or the presentation of information. The course will help develop criteria for selecting literature for the classroom and help students select books, whether for education or entertainment.

Foundations of Reading (MS/Secondary)

The course reviews theories of reading development and reading instruction; explores strategies to improve vocabulary, fluency, and comprehension; and designs and integrates writing instruction in the content areas. Students will review causes of reading difficulties and discuss intervention strategies to promote reading success. They will learn strategies to assess literacy development and how to modify instruction and assessment practices based on assessment data and learner needs.

Math

Elementary Math Strategies

This course outlines the mathematical concepts elementary students should understand, such as the base-ten number system, fractions, geometry and algebra, patterns, measurement, and data. Students will discover strategies to help learners problem solve, make connections with the real world and other content areas, use reasoning and proof, and improve computational fluency.

Middle School Math Strategies

The course focuses on developing middle school teaching methods that reflect the vision for school mathematics of the National Council of Teachers of Mathematics (NCTM) standards. The course will examine the five NCTM content strands (number and operations, algebra, geometry, measurement, and data analysis and probability) within the context of a student-centered approach and explore numerous applications of problem solving and discovery instructional strategies.

Technology for Teaching Math

The course allows students to experiment with technology in a safe environment—with spreadsheets, manipulating virtual three-dimensional polygons, and locating useful information on the Internet. Students will develop an online community of learning with other educators where they will discuss Internet safety concerns and share teaching ideas.

Math Across the Curriculum

This course introduces the multidimensional teaching strategy of curriculum integration. Students will learn the elements of curriculum integration and explore the rationale for integrating mathematics throughout the curriculum.

Conceptual Understanding for Mathematics

This course provides an understanding of the attributes commonly associated with conceptually based mathematics lessons. Students will read and discuss the theory and research behind conceptual learning while comparing and making distinctions between conceptually-based lessons and traditional procedurally-based lessons.

Teaching Graphing

In this course, students will explore active learning strategies and learn to integrate these strategies to teach graphing. In particular, they will learn about teaching three types of graphical representations: bar graphs, circle graphs, and coordinate graphs.

Teaching Geometry and Measurement

The course covers the theory of the Van Hiele levels, Piaget's theory, and, in general, how students learn geometry. Students will compare teaching practices to determine those most effective in helping learners become more successful in geometry. The course involves creating a repertoire of developmentally appropriate mathematics teaching strategies to increase your students understanding of geometry.

Online Courses

Teaching Percents and Decimals

This course investigates strategies and activities that foster middle school students' conceptual understanding of decimals and percents. Students will explore the National Council of Teachers of Mathematics (NCTM) standards as they discover methods to integrate technology, differentiate instruction, and write (communicate) in mathematics.

Teaching Fractions

The course focuses primarily on rational number concepts and operations. It is specifically designed to support teachers in developing and maintaining strategies for engaging and assisting students who struggle with fractions. Students will also explore strategies for encouraging and enhancing *all* mathematical learning.

Teaching Algebra

Algebra is the starter course, if you will, to the rest of the mathematics any individual will learn. This course helps students teach all the aspects of algebra: number operations, ratios and proportions, reasoning functions, data analysis, and probabilities.

Teaching Probability and Statistics

The course will explore how to improve students' conceptual understanding of probability and statistics. They will apply general theories and effective practices and plan lessons and activities to help every student succeed in the diverse mathematics classroom.

Science

Elementary Science Strategies

The course presents students with various strategies to integrate science concepts and skills successfully into the classroom. They will investigate strategies for helping students see the omnipresence and relevance of science. In addition, they will review the latest research related to science education, safe practices, and assessment; discover how to find science resources of all types on the Internet; and design and implement the integration of a major science concept into your curriculum.

Middle School Science Strategies

The course explores theories of how students learn science, reviews science process skills and discovery learning, and reviews strategies and techniques for teaching safe hands-on science. Students will examine teaching standards and a variety of assessment tools. They will get ideas for planning and teaching specific science units as well as enrichment ideas in different content areas. Students will also receive guidance for productive and appropriate use of the Internet.

Earth Science

The course will assist you in designing earth science instruction that engages students, challenges and changes their perception of science, improves their understanding of science concepts and processes germane to earth science, and demonstrates the relevance of earth science in their daily lives.

Optics: Teaching About Light and Color

The course assists in creating optics activities that engage students, challenge and change their perceptions of optical phenomena, improve their understanding of optical concepts and processes, and demonstrate the relevance of optics in their daily lives. This course introduces exploratory activities, laboratory and take-home experiments, student projects as well as teacher-centered demonstrations that can be used when teaching about light.

Technology

Integrating Technology

The course will help students use technology effectively in their teaching. It explores Internet resources ranging from blogs to sites that offer test generators and electronic graphic organizers. Students will then learn to integrate those resources into the content area(s).

Trends in Technology

By matching current trends in technology with sound educational research, this course delivers applications of technology that will transform the classroom. Students will discover the best professional resources and the most exciting projects for learners from blogs to software tutors powered by artificial intelligence. The course also examines research on effective use of technology in the classroom.

Maximizing Technology

The course focuses on integrating technology in the classroom to foster digital literacy and enhance learning. Students will examine 21st century teaching and learning skills in general and technology tools in particular, and will evaluate these skills and tools in context of their own classroom practice.

Electronic Student Portfolios

Students will develop a definition of portfolios based on the writings of leading educators. They will select electronic portfolio tools by using established criteria, explore and evaluate student portfolios published online, and develop an electronic portfolio plan based on expert models. Throughout the course, they will debate current issues regarding use of student portfolios in general and electronic portfolios in particular.

Teaching Writing Through Blogs and Wikis

The course focuses on research-based suggestions for integrating blogs and wikis to help learners improve their writing skills as well as promote their technology literacy skills. Students will gain hands-on experience with blogs and wikis, and acquire knowledge from recent research on effective technology integration. The course reviews award-winning classroom projects and design technology-enhanced learning opportunities for the classroom.

Media Literacy

The course focuses on tools and techniques that foster information and media literacy and enhance learning in the classroom. Students will examine research on the importance of information and media literacies and see how they can transform classrooms. Students will enhance their own information and media literacy skills by becoming savvy Internet researchers and informed guides to their classrooms on the ethical use of information found online.

ELL

Introduction to SIOP®

The course introduces the concept of sheltered instruction in general and the SIOP model in particular. Students will learn the eight components of the SIOP model and how to use the SIOP framework in classroom instruction for ELLs of all capabilities.

Teaching Reading and Literacy to English Language Learners

The course helps students investigate and implement research-based literacy strategies, instruction, and assessments to create an optimal learning environment for English language learners. It provides an overview of variables that affect second language acquisition. The readings and video segments discuss oral language development and offer research-based instructional strategies for improving phonemic awareness, vocabulary, fluency, comprehension, and writing.

ELL Methods and Curriculum Development

The course presents the theories, tools, and techniques for using methods and developing curricula that meet both the language and content learning needs of English language learners. Through the exploration of methodology for teaching English language learners, students will apply what they learn and plan a differentiated curriculum to meet the needs of English language learners. This course investigates strategies for building on the learners' prior knowledge, increasing student interaction, and assessing student progress toward learning goals.

Online Courses

Assessing Language and Content Learning

The course examines formal and informal assessment, with a focus on authentic assessment for English language learners. It investigates and applies pre- and post-instructional assessment, and discusses, creates, and modifies various methods and tools for assessing acculturation, language proficiency, and content.

Language Acquisition

The course examines concepts of first- and second-language acquisition as they relate to practical classroom application. Students discuss and compare theories and research of language development and acquisition to better understand how children acquire first and second language skills. The course also explores the cultural challenges learners face, how individual learner characteristics affect language learning, and how to increase English language learners' social and academic skills through structured content lessons.

Cross-Cultural Communication

The course explores the role of culture in society and in the classroom. It discusses demographic trends of second language learners in the U.S., along with issues such as immigration, race, and ethnicity. Students will learn how to recognize the signs of culture shock and how to help learners overcome it.

Introduction to Linguistics

This course focuses on linguistics, the scientific study of language. It begins by exploring the properties of language and discussing the linguistic challenges that English language learners face. It examines each of the subfields of linguistics: sound (phonetics and phonology), structure (morphology and syntax), and meaning (semantics and pragmatics).

Special Education

Autism Spectrum Disorder and Asperger Syndrome

In this course, students will examine research findings, survey colleagues, review professional literature, implement new strategies for planning and adapting instruction in the classroom, and analyze the effectiveness in meeting the challenging special needs of students with autism spectrum disorders and Asperger Syndrome.

RTI

In this course, students will review Response to Intervention (RTI) models, and will discuss how to implement these models. They will learn how to work with teams of general educators and special educators so that they may distinguish *difference* from *disability* and plan the most effective instruction for all students.

Education of Exceptional Children

In this course, students will gain a basic understanding of special education from its beginnings to current trends and issues. They will learn how paradigm shifts and litigation influence the options for students with disabilities. This course explores the characteristics of specific disabilities so that students may be able to describe the components necessary for evaluation, eligibility determination, ongoing assessment, and service delivery models.

Coaching/Mentoring

Paraeducator Management

The course will help provide effective orientation for paraeducators, define their roles, and develop regular communication to make the most of what these important members of the instructional team offer. It will also help maximize the potential of the paraeducator. Students will explore legal, ethical and professional issues related to paraeducators in the classroom, learn strategies for creating and maintaining a professional rapport, investigate resources that support and promote the role of paraeducators, and discuss techniques for enhancing the success of paraeducators in the classroom.

Leadership

Assessment for Administrators

The foundations course of assessment for administrators will discuss what teachers' and schools' assessment programs should include. It will investigate the relationship between instruction and assessment as students explore different types of assessments such as selected-response, supply-response, performance, and portfolio.

So... You Want to Be an Administrator?

The course introduces the various components of educational leadership and helps apply them to a district's philosophies and culture. Through textbook assignments, online readings and discussions, keeping a reflective journal, and completing an action research project, students will begin to develop a personal philosophy of educational leadership.

Foundations of Leadership

In this course, students will discover various research-based approaches of educational leadership and management strategies, and will investigate these concepts in relation to the Interstate School Leader Licensure Consortium (ISLLC) standards. This course will explore effective leadership theories and compare them to students' experiences, skills, and leadership styles. Students will identify the capacity in their school for building and sustaining values, beliefs, and culture and for sustaining a common vision and mission for improving teaching and learning.

Standards-Based Curriculum, Instruction, and Assessment

In this course, students will explore the complex roles and responsibilities of instructional leaders as they relate to curriculum planning and development. They will learn how to analyze curriculum, instruction, and assessment as they relate to standards so that you may foster students' learning. Through textbook assignments, online readings and discussions, keeping a reflective journal, and completing an action research project, students develop their own perspective of standards-based curriculum, instruction, and assessment, and will learn how to apply these ideas in their district, school, and to their classroom.

Technology for Administration and Instruction

In this course students will analyze technologies used for instructional and administrative purposes, and will address issues of student privacy, data security, fair use and copyright. Students will also evaluate hardware and software, administrative record keeping, and access to data to make informed decisions. Students will also explore technology standards for students, teachers, and educational leaders.

Data-Driven Decision Making

In this course, students will evaluate the effectiveness of data-driven decision making for the classroom teacher by using data collection, data analysis, and accountability mechanisms. They will discover how a classroom teacher can use data-driven decision making effectively in his or her own teaching even when data-driven decision making is not used in the school. They will use data-driven decision making to investigate their own teaching at a micro level.