

Online Courses for Secondary Educators

The online course series is designed to support secondary educators in Language Arts, Math, Science, and Social Studies by providing practical strategies and tools that can be immediately applied in classrooms to create an engaging and effective 21st century learning environment. The program seamlessly incorporates inquiry, projects, technology, and dynamic and flexible groupings into authentic teaching and learning within the specific content areas.

This innovative series:

- Includes iObservation companion 21st Century Skills Observation Form with resources that define effective instructional strategies
- Offers flexibility and ease with online learning
- Advances teacher skills in content-specific fields
- Couples most current evidence-based research with practical application
- Helps teachers engage students in learning
- Increases teacher job satisfaction
- When teachers engage and energize students, they find their teaching experience more rewarding, which ultimately improves teacher retention. Students also:
 - Score higher on standardized tests
 - Learn better with longer retention
 - Apply their knowledge outside of the classroom
- Each course provides 30 professional development hours

Price: \$299 per Enrollment

Special Package

Free professional development offer for secondary school principals. Limited time offer!

When you purchase the iObservation system by March 31, 2010, all teachers in your school will receive free enrollments to an online course of your choice for 12 months!

Stretch your professional development budget with convenient, **free online courses**.

Browse the catalog for course titles and descriptions in discipline-specific tracks.

Companion Observation Form in iObservation

Research-based content from the series aligns with classroom look-for strategies from the companion 21st Century Teaching & Learning Observation Form. This form, available with the purchase of iObservation, offers content resources that help leaders provide supportive feedback to teachers as they progress through the online courses.

Teaching Language Arts in the 21st Century Online Courses

Teaching in the 21st Century: The Need for Change	This course is designed to present compelling evidence that instructional practices must be updated in order to keep pace in a rapidly changing world.
Teaching Authentic Language Arts in the 21st Century	This course is a discipline-specific course focusing on analyzing and adapting current instructional practices to reflect appropriate elements of authentic instruction, incorporation of technology in the classroom, and creation of an authentic learning environment.
Differentiated Instruction in the 21st Century Language Arts Classroom	This course is a discipline-specific course focusing on the critical role that differentiated instruction must play if educators are to effectively meet the needs of each student in their classroom.
Inquiry-Based Learning in the 21st Century Language Arts Classroom	This course shows teachers how to develop and encourage inquiry-based learning as an instructional and curricular approach to engaging students interests, social/emotional needs as well as their abilities to inquire and think critically about significant content concepts and essential ideas. Inquiry-based learning sets forth the highest cognitive expectations for students being able to take more responsibility for their own learning through the inquiry and critical thinking processes. Using the course content you will conduct action research on a question based on inquiry-based learning.
Project-Based Learning in the 21st Century Language Arts Classroom	This course explains how project-based learning addresses learning through completing projects that foster skills in communication, collaboration, networking, research, using technology, and critical thinking.

Graduate Education Option

Teachers may opt to pursue graduate education credits earned towards a Master's degree in 21st Century Teaching & Learning. Graduate tuition rates apply. Visit the **National Institute for Professional Practice** at www.professionalpractice.org to learn more.

Teaching Math in the 21st Century Online Courses

Teaching in the 21st Century: The Need for Change	This course is designed to present compelling evidence that instructional practices must be updated in order to keep pace in a rapidly changing world.
Teaching Authentic Math in the 21st Century	This course is a discipline-specific course focusing on analyzing and adapting current instructional practices to reflect appropriate elements of authentic instruction, incorporation of technology in the classroom, and creation of an authentic learning environment.
Differentiated Instruction in the 21st Century Math Classroom	This course is a discipline-specific course focusing on the critical role that differentiated instruction must play if educators are to effectively meet the needs of each student in their classroom.
Inquiry-Based Learning in the 21st Century Math Classroom	This course shows teachers how to develop and encourage inquiry-based learning as an instructional and curricular approach to engaging students interests, social/emotional needs as well as their abilities to inquire and think critically about significant content concepts and essential ideas. Inquiry-based learning sets forth the highest cognitive expectations for students being able to take more responsibility for their own learning through the inquiry and critical thinking processes. Using the course content you will conduct action research on a question based on inquiry-based learning.
Project-Based Learning in the 21st Century Math Classroom	This course explains how project-based learning addresses learning through completing projects that foster skills in communication, collaboration, networking, research, using technology, and critical thinking.

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Teaching Science in the 21st Century Online Courses

Teaching in the 21st Century: The Need for Change	This course is designed to present compelling evidence that instructional practices must be updated in order to keep pace in a rapidly changing world.
Teaching Authentic Science in the 21st Century	This course is a discipline-specific course focusing on analyzing and adapting current instructional practices to reflect appropriate elements of authentic instruction, incorporation of technology in the classroom, and creation of an authentic learning environment.
Differentiated Instruction in the 21st Century Science Classroom	This course is a discipline-specific course focusing on the critical role that differentiated instruction must play if educators are to effectively meet the needs of each student in their classroom.
Inquiry-Based Learning in the 21st Century Science Classroom	This course shows teachers how to develop and encourage inquiry-based learning as an instructional and curricular approach to engaging students interests, social/emotional needs as well as their abilities to inquire and think critically about significant content concepts and essential ideas. Inquiry-based learning sets forth the highest cognitive expectations for students being able to take more responsibility for their own learning through the inquiry and critical thinking processes. Using the course content you will conduct action research on a question based on inquiry-based learning.
Project-Based Learning in the 21st Century Science Classroom	This course explains how project-based learning addresses learning through completing projects that foster skills in communication, collaboration, networking, research, using technology, and critical thinking.

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Teaching Social Studies in the 21st Century Online Courses

Teaching in the 21st Century: The Need for Change	This course is designed to present compelling evidence that instructional practices must be updated in order to keep pace in a rapidly changing world.
Teaching Authentic Social Studies in the 21st Century	This course is a discipline-specific course focusing on analyzing and adapting current instructional practices to reflect appropriate elements of authentic instruction, incorporation of technology in the classroom, and creation of an authentic learning environment.
Differentiated Instruction in the 21st Century Social Studies Classroom	This course is a discipline-specific course focusing on the critical role that differentiated instruction must play if educators are to effectively meet the needs of each student in their classroom.
Inquiry-Based Learning in the 21st Century Social Studies Classroom	This course shows teachers how to develop and encourage inquiry-based learning as an instructional and curricular approach to engaging students interests, social/emotional needs as well as their abilities to inquire and think critically about significant content concepts and essential ideas. Inquiry-based learning sets forth the highest cognitive expectations for students being able to take more responsibility for their own learning through the inquiry and critical thinking processes. Using the course content you will conduct action research on a question based on inquiry-based learning.
Project-Based Learning in the 21st Century Social Studies Classroom	This course explains how project-based learning addresses learning through completing projects that foster skills in communication, collaboration, networking, research, using technology, and critical thinking.

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Teacher Leadership & Instructional Coaching Online Courses

Teacher Leadership	This course explores how schools are rapidly changing and the complexity this change. Learners experience various tools of reflection throughout the course, explore the impact of school culture on learning, and understand the behaviors and attitudes of teacher leaders.
Coaching, Part I	This course provides the answer to the question "What is coaching?" The content identifies qualities associated with effective instructional coaches and explains why coaching is an effective initiative for improving student achievement. The online learner will participate in a variety of activities and analyze his or her success. Tools for how a teacher successfully moves into a coaching position are provided. An understanding of adult learners will be explored, allowing the learner to apply coaching strategies with teachers in their school.
Coaching, Part II	This course provides the answer to the question, "How do I become a more effective instructional coach?" After a review of essential elements of coaching, learners use data in a coaching model. Learners also learn how to implement a culture of continuous learning and receive insight on maximizing coaching potential.
Problem-based Approach to Instructional Coaching	This course takes learners through a review of coaching teachers to improve instruction, and learners identify and research learning styles. Learners also understand how to identify the four steps of the problem-based coaching model and conduct teacher action research.

Graduate Education Option

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