NC K-5 Relicensure Package (80 Hours)

The NC K-5 Relicensure Package includes 6 self-study courses (10 or 30 hours each) for a total of 80 hours of professional development.

This package includes the requirements for General, Literacy, and Academic Subject Area CEUs.

- Cultural Competency and Reflective Teaching
- Ethics in Education
- Integrated Curriculum
- Learning Strategies for the 21st Century
- Literacy in Learning
- Standards in Teaching

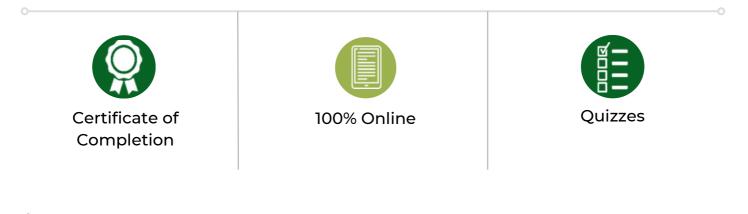# Cultural Competency and Reflective Teaching

Standards:

This course aligns to the INTASC Standards including Learner Development, Learning Differences, Learning Environments and Planning for Instruction.

It also aligns to the McRel Teacher Evaluation Standards including Teacher Leadership, and Diverse Learners.

This course demonstrates responsive teaching in the classroom by helping teachers consider and build competence in meeting the many learning needs of all students. Learn how to build culturally diverse classrooms that are sensitive and equitable to learners across languages, genders, religions, cultural backgrounds, and special needs.

Teachers will also reflect on their teaching practice and interactions while considering ways they can grow.

Certificate of Completion

100% Online

Quizzes

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Cultural Competency and Reflective Teaching

Course Outline

SECTION A: Cultural Competency and Responsive Teaching

LESSON 1: Cultural Competency

- Defining culture and cultural competency
- Cultural beliefs and values
- Impact of culture on behavior

LESSON 2: Bias

- Definition, types, and identification of bias
- Assumptions, perspectives, and self-perceptions

LESSON 3: Culturally Responsive Classrooms

- Impact of culture on teaching and learning
- Brain roles in learning
- Teaching styles and student impact
- Building rapport with students

LESSON 4: Culturally Responsive Teaching

- Diversity in the classroom
- Understanding diversity: origin, religion, gender, language, special needs, and mental health
- Cohesive classrooms and school communities
- Collaborating with families

Cultural Competency and Reflective Teaching

Course Outline

SECTION B: Reflective Teaching Practice

LESSON 1: Introduction

- Need for reflection
- Critical attributes and attitudes of a reflective teacher
- Types of reflection
- Circle of reflection
- Levels of reflective thinking
- Are you a reflective teacher?

LESSON 2: Reflective Thinking and Application

- Developing reflective practice
- Factors that influence reflection
- Applying reflection in practice using strategies such as reframing classroom situations, action research, learning journals, logs, diaries, teaching portfolios, autobiographical narratives, storytelling, critical incident analysis, and self-observation

LESSON 3: Opportunities for Professional Growth

- Characteristics and types of job-embedded professional development
- Practicing collaborative learning using various strategies like mentoring, peer observation, coaching, and so on
- Building effective Professional Learning Communities (PLCs)
- Enhancing traditional professional development through classroom visitation, conferences, learning study, examining student work, and workshops

LESSON 4: Professional Development Plan

- Principles of PDP
- Professional development cycle
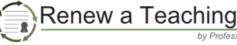- Elements of PDP
- Step-by-step guide to write a PDP

10

**10 Hours
of Learning**

**Convenient Access:
Start Right Away**

**Resources & Tools for
Professional Learning Plans**
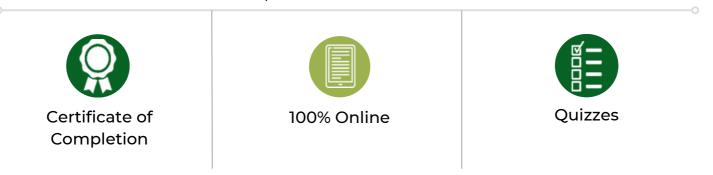
Ethics in Education

Standards:

This course aligns to all of the INTASC Standards including Learner Development, Learning Differences, Learning Environments, Content Knowledge, Application of Content, Assessment, Planning for Instruction and Instructional Strategies.

It also aligns to all of the McRel Teacher Evaluation Standards including Teacher Leadership, Diverse Learners, Teachers Know Content, Teachers Facilitate Learning and Teachers Analyze and Reflect.

We all have an innate ethical sense that urges us to make choices. The information provided here are focused on enabling teachers to broaden their understanding of ethical issues.

Teachers explore growth in ethical areas of academic excellence, boundaries, and academic integrity. From protocols for social media, reporting abuse, transference and plagiarism, these issues are where ethics and education meet. This course is full of practical strategies, resources, and guidelines for teachers to implement in their particular teaching situations. Through reflection and introspection, teachers develop an understanding of their ethical self and are given a range of tips to bring high ethical standards into every stage of their educational practice.

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Quizzes

Ethics in Education

Course Outline

SECTION A: Ethics for Education Professionals

LESSON 1: Ethics in School

- Examining morals, ethics, and laws while understanding subtle differences between them
- Insight on schools of thought and ethical models
- Professionalism and how it applies to teachers
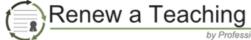- Reviewing basic ethical practices

LESSON 2: Ethical Boundaries

- Types of boundaries and establishing boundaries through communication, both verbal and non-verbal
- Transference
- Insight on challenging ethical issues, including excessive thinking, jealously, and inappropriate relationships, as well as how these may be avoided

LESSON 3: Ethical Behaviors

- Professional habits, including the infusion of modesty, fidelity, and civility
- Understanding appropriate behavior, including touch and conversation
- Practical strategies that can be used to maintain positive professional relationships with students, colleagues, and parents
- Virtues and traits that are the cornerstone for every professional teacher

LESSON 4: Ethics in Practice

- A framework for making ethical decisions in the context of the classroom and school
- Strategies to promote school-wide ethical practice, including mentoring, PD, ethical committee, ethical code of conduct, and an honor code.

Ethics in Education
Course Outline

SECTION B: Ethical Conduct in Education

LESSON 1: Ethical Understanding

- Why ethics?
- Growing in ethics
- Ethical culture
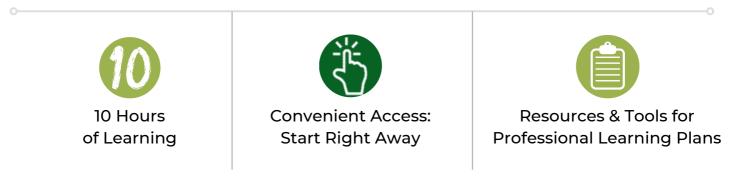- Ethical conduct

LESSON 2: Academic Excellence

- Commitment to student learning
- Quality education
- Professional growth
- Research practices

LESSON 3: Behaviors and Boundaries

- Safe learning environments and technology safety
- Professional, relationship, and physical boundaries
- Dignity and respect
- Confidentiality and trust

LESSON 4: Academic Integrity

- The hero code
- Integrity and education
- Establish expectations and use formative assessment
- Create an honor code and grade objectively

10
10 Hours
of Learning

Convenient Access:
Start Right Away

Resources & Tools for
Professional Learning Plans
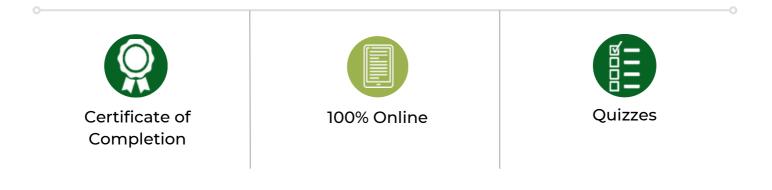
Integrated Curriculum

Standards:

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STEM education is not just about doing what's "cool" and "in." It is essential in today's world that our students learn to apply what they learn in real life situations and across different subjects. The STEM model helps prepare our students for the 21st century.

The first part is designed to equip and encourage you to integrate STEM education into your classroom and design your own standards-based STEM curriculum.

The second part helps teachers understand how to incorporate math practices into any classroom. Teachers learn how to set up their classroom in a way that increases student involvement and makes math real and fun for everyone.

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Quizzes

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Integrated Curriculum

Course Outline

SECTION A: Standards-based Instruction through STEM

LESSON 1: Introduction

- Definition of STEM
- Need for STEM
- Three STEM program attributes and five different STEM program models

LESSON 2: Setting Up for STEM

- Characteristics of STEM students and teachers
- Understanding STEM in the context of Math and Science
- Integrating STEM into any classroom
- Choosing appropriate STEM material and curriculum

LESSON 3: STEM Standards and Assessments

- Shared standards that are internationally benchmarked
- Challenges and benefits of successful STEM assessments
- Assessments for elementary, middle, and high school classrooms
- Benefits, opportunities, and challenges of STEM integration

LESSON 4: Designing STEM PK-12 Curriculum

- Integrating STEM into elementary, middle, and high-school classrooms
- Designing STEM instruction for the year
- Writing individual STEM units using science, math, technology, and literacy standards
- Implementing effective lessons in the classroom

Integrated Curriculum
Course Outline

SECTION B: Mathematics for All Teachers

LESSON 1: Introduction

- History of mathematics
- The truth about math
- Discrediting the different math myths
- The solution to math anxiety

LESSON 2: Math Practices

- Mathematics redefined
- NCTM and CCSS standards related to math
- Mathematical practices and strategies to employ in the classroom

LESSON 3: Facilitating Student Learning

- Motivation theories and how to apply them in the classroom
- Different learning styles
- Understanding brain power
- Content knowledge and application

LESSON 4: Setting Up

- Math and group work
- Making connections between math and real life
- Using mathematical tools
- Encouraging persistence, providing novelty, and differentiating instruction while teaching math

10
10 Hours
of Learning

Convenient Access:
Start Right Away

Resources & Tools for
Professional Learning Plans

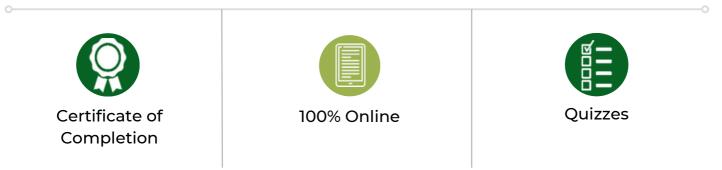# Learning Strategies for the 21st Century

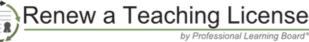## Subject Area Requirement

Standards:

This course aligns to all of the INTASC Standards including Learner Development, Learning Differences, Learning Environments, Content Knowledge, Application of Content, Assessment, Planning for Instruction and Instructional Strategies.

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Schools need to intentionally design learning environments where teachers can effectively explore issues and develop relevant pedagogies.

To equip teachers, the first section promotes an Inquiry-based Learning (IBL) framework for lesson planning. Through multiple classroom examples, teachers are shown what roles they play and how they can encourage student initiative.

In the second section, teachers are shown how they can implement collaborative learning and develop successful learners. This framework enables teachers to recognize characteristics of collaborative classrooms, be aware of student and teacher roles, and practice group activities as an essential part of classroom learning.

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Learning Strategies for the 21st Century

Course Outline

SECTION A: Inquiry-based Learning

LESSON 1: Introduction to IBL

- The need of an Inquiry Based Learning (IBL) approach and knowing the constituents involved
- Academic research that supports IBL
- Differences between IBL and traditional education
- Define roles of teachers and students

LESSON 2: Inquiry-based Learning Model

- The need for a model to apply the IBL approach
- Various models developed by academicians
- Practical applications of the inquiry model for teaching lessons
- The emotional trajectory of an inquiry process

LESSON 3: Designing IBL

- The IBL foundations for effective lesson plans and activities
- Ways to classify students based on their understanding and experience with IBL
- Manage the dynamic classroom environment
- Principles and methods of assessing students

LESSON 4: Enhancing the IBL Classroom

- Creation of a support system for effective inquiry-based learning
- Use of technology to enhance the IBL experience
- Technology as a tool for professional development
- Web tools that can help at different stages of inquiry

Learning Strategies for the 21st Century

Course Outline

SECTION B: Classroom Collaboration

LESSON 1: Introduction to Collaborative Learning

- What is collaborative learning and why should students collaborate?
- Collaboration vs. Traditional Approach
- Benefits and Importance of collaborative learning
- Overview on effective collaboration in the classroom
- Alignment of collaboration to State Standards
- The Collaborative Learning Model

LESSON 2: Collaborative Tools and Strategies

- Characteristics of a collaborative teacher
- Grouping strategies and designing grouping assignments
- Collaborative learning techniques, web tools, and projects for collaboration
- Interactions and activities in a collaborative classroom
- Around the world collaboration
- Resources for collaboration

LESSON 3: The Collaborative Classroom

- Characteristics of a collaborative classroom
- Student and teacher roles in a collaborative classroom
- Preparing for collaborative activities
- Examples of classroom collaboration and collaborative learning spaces
- Managing today's classroom

LESSON 4: Assessment, Accommodations, and Challenges

- Collaborative assessment
- Approaches to collaborative assessment
- Challenges in a collaborative classroom and conflict resolution
- School-wide policies to promote collaboration

10 Hours of Learning

Convenient Access: Start Right Away

Resources & Tools for Professional Learning Plans

Learning Strategies for the 21st Century

Course Outline

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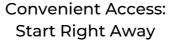
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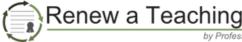- School-wide policies to promote collaboration

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10 Hours of Learning

Convenient Access: Start Right Away

Resources & Tools for Professional Learning Plans

Literacy in Learning
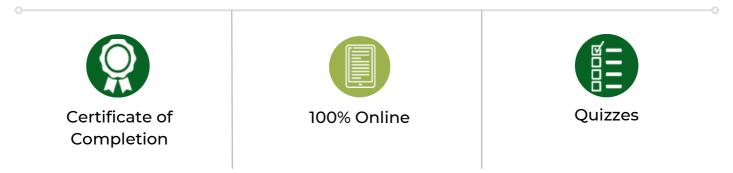

Literacy Requirement

Standards:

This course aligns to all of the INTASC Standards including Learner Development, Learning Differences, Learning Environments, Content Knowledge, Application of Content, Assessment, Planning for Instruction and Instructional Strategies.

It also aligns to all of the McRel Teacher Evaluation Standards including Teacher Leadership, Diverse Learners, Teachers Know Content, Teachers Facilitate Learning and Teachers Analyze and Reflect.

Literacy in Learning is designed to help NC teachers meet the standards and requirements of the North Carolina State Board of Education related to Literacy.

Teachers will be taught ideas and techniques to present evidence-based assessment, diagnosis and intervention strategies for students who are not demonstrating reading proficiency, grounded in the Science of Reading.

This course encourages teachers in North Carolina make use of literacy-related activities, including evidence-based reading instruction practices that address the acquisition of language, phonological and phonemic awareness, phonics and spelling, fluency, vocabulary, oral language, and comprehension that can be differentiated to meet the needs of individual students.

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Literacy in Learning

Course Outline

SECTION A: Developing Cognition Skills

LESSON 1: Introduction

- Definition of cognitive skills and the barriers to successful learning
- Statistics on American students
- Five typical approaches prescribed for learning difficulties

LESSON 2: The Brain and Learning

- The brain structure and the latest techniques and technology in brain research
- Learning about what impacts brain development in a young child

LESSON 3: Testing

- IQ and achievement tests
- The importance of the right test to diagnose learning difficulties
- The connection between cognitive skills and learning
- Learning about several types of testing and how they can be used effectively

LESSON 4: Cognitive Skills

- The 2 parts of learning
- Why cognitive skills are foundational tools
- The various theories of learning
- Attention and memory and how these skills can be developed in students

Literacy in Learning
Course Outline

LESSON 5: Learning Styles

- Types of learning styles including visual, auditory, kinesthetic
- Learning styles inventory and its applications
- How learning styles impact teaching strategies and curriculum planning

LESSON 6: General Training Strategies

- Definition and symptoms of autism
- The autism spectrum and primary conditions within this spectrum
- Other similar conditions, including Rett's syndrome and Fragile X syndrome
- Primary management for autism
- Functioning of the brain in autism and the cause for deficits

LESSON 7: Reading Strategies

- Basic and critical reading skills
- Strategies to improve basic and critical skills
- Comprehension strategies
- The steps in reading
- Understanding the various reading approaches

LESSON 8: Special Conditions

- Specific cognitive issues in conditions such as ADHD, Dyslexia, PDD, Autism, and ODD
- Learning strategies for these conditions

Literacy in Learning
Course Outline

SECTION B: Early Reading Skills

LESSON 1: Language Development

- Stages of reading development
- The role of neuroscience in language development
- Reading wars and speech-language impairments
- Reading disorders and assessment for reading disorders

LESSON 2: Reading Disorders

- Growth mindset approach and "think-aloud" strategy
- Zone of proximal development (ZPD)
- Gradual release of responsibility
- Fostering early literacy at home and play & literacy

LESSON 3: Supporting Early Literacy Skills

- Purposeful conversations and vocabulary
- Academic vocabulary and narratives
- Phonological words and syllable awareness
- Rhyming, onset, rime, and phonemic awareness

LESSON 4: Phonics

- Letter-sound relations and keyword for each letter
- Word building and decoding words
- Letter tiles and elkonin boxes
- Sound-spelling patterns and encoding (spelling)

The Art and Science of Reading

Course Outline

SECTION C: Reading in Content Areas

LESSON 1: Reading Fundamentals

- What is reading comprehension
- Reading disorders
- Assessments for reading, writing, and spelling
- Reading at home and school
- Growth Mindset approach

LESSON 2: Reading Comprehension

- Reading development
- Strategies in building reading skills
- Working memory
- Vocabulary instruction

LESSON 3: Comprehension Strategies

- A Purpose for reading
- Art of questioning
- Visualization skills and inferencing
- Using self-monitoring and making predictions

LESSON 4: Text Structure

- Why text exists and why we read
- Graphic organizers
- Informational texts
- Digital text

Literacy in Learning

Course Outline

SECTION D: Reading Across the Curriculum

LESSON 1: Research

- The importance and nature of the 'reading' skill
- Language development in the early years
- Implications of different levels of daily language exposure
- How the brain processes what we already know and have experienced to develop reading skills

LESSON 2: Reading Assessments

- Diversity of students' reading abilities
- The purpose of reading assessments and components
- Common reading assessments and their usage
- Cloze and CARI to measure reading performance

LESSON 3: Basic Reading Strategies

- Basic reading strategies and accessing results
- Essential elements and traditional lesson formats
- Pre-reading, the reading process, and post-reading
- Effective ways to extend the life of the text beyond the lesson

LESSON 4: Reading Across Content Areas

- Scaffolding a common textbook to support varying reading levels using four steps
- Using different books on a common topic or learning objective to meet differing needs
- Question-Answer Relationships (QARS)
- Effectively approaching different structures of texts

Literacy in Learning
Course Outline

SECTION E: Tackling Tough Text

LESSON 1: Comprehension

- The importance of building students' self-efficacy to ensure learning
- The need for appropriate background knowledge and reading strategies
- Strategies for teaching reading comprehension
- Go beyond traditional teaching models toward participatory literary practices
- The Reading Comprehension Checklist

LESSON 2: The Checklist

- The roadmap to activate students' background knowledge
- Understanding essential steps while working with the checklist, to ensure an internalization of the reading comprehension process
- The value of pre-reading in making stronger readers, and the four steps involved

LESSON 3: Working with Questions

- Understanding how to label and analyze questions that accompany the text

LESSON 4a: Time to Read

- Beginning the final part of the checklist; the actual reading of the text
- The process of identifying and underlining five key words in the text
- The recommended sequence of answering questions
- The importance of emphasizing students' self-confidence

LESSON 4b: Evaluating the Checklist

- The practical aspects and benefits of using the checklist in the classroom
- Using the evaluation in the checklist to identify areas where students need more help
- Understanding the need for tough text levels and the significance of the checklist

30
30 Hours of Learning

Convenient Access: Start Right Away

Resources & Tools for Professional Learning Plans

Standards in Teaching

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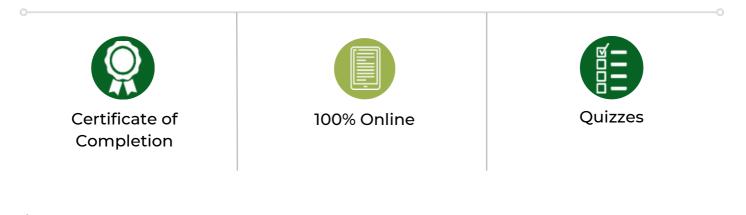
This course helps teachers provide the latest educational standards in the classroom.

The first part of this course will help you understand more about standards and how you can integrate them in your classroom.

The second part of this course will focus on standards-based formative assessment, and how you can use this in your classroom. For both a student-centered and teacher-driven education model, formative assessments enable teachers to respond to the needs of the student quickly and allow the student to shape instruction.

Certificate of Completion

100% Online

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Standards in Teaching

Course Outline

SECTION A: Integrating Standards in Teaching

LESSON 1: Standards

- What standards are and the difference between content and performance standards
- Challenges that teachers and schools face while integrating standards
- About the standards

LESSON 2: Integrating Standards

- Integrated curriculum
- Levels of integration
- Discipline integration, combined integration, multidiscipline integration, interdisciplinary integration, trans disciplinary integration, and how these can be implemented in the classroom

LESSON 3: Impact on People, Instruction and Planning

- The teacher's role and the student's role in planning
- Procedural and conceptual knowledge
- Evaluating standards and building a framework in order to implement them
- The importance of learning objectives

LESSON 4: Principles of Assessment

- Pre-assessment
- Difference between formative and summative assessments
- Concepts related to designing and implementing assessments including backward design and testing
- Principle of authentic assessment

Standards in Teaching

Course Outline

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Standards in Teaching
Course Outline

SECTION B: Formative Assessment

LESSON 1: The Essentials

- Concepts behind and purpose of formative assessment
- Practical strategies that may be used to implement formative assessment
- Commonly used formative assessments, including teacher observation, questioning, rubrics, essays, and peer assessment
- Benefits of each strategy and how they can be used effectively

LESSON 2: Nuts and Bolts

- The process of formative assessment
- Concepts behind goal mastery
- The importance of feedback, reports, visual depiction, and celebration in formative assessment
- Designing lesson plans that integrate formative assessment

LESSON 3: Making Connections

- The role of assessment in standards-based education
- Formative and summative assessments, and the difference between the two

10 Hours of Learning

Convenient Access: Start Right Away

Resources & Tools for Professional Learning Plans