

# Online Professional Development Modules

NORTH CAROLINA DEPARTMENT OF PUBLIC INSTRUCTION



Free self-paced modules, self-paced mini-modules, and facilitated courses

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## Self-Paced Modules

### 21st Century Mentor Training

All NC students deserve effective teachers. This module helps mentors in implementing best practices for guiding beginning teachers to reach their fullest potential. The module is built around the NC Mentor Standards which are aligned with the NC Professional Teaching Standards. (1.0 CEU)

### Action Research for the Classroom: An Introduction

Action research takes reflective practice of educational practitioners and adds systematic inquiry that helps clarify how their particular classrooms/schools operate, how well they teach and how well their students learn. The goal of this module is to facilitate a deep understanding of action research, providing resources and information that will inform inquiry to improve instructional practice and student results. (2.0 CEU)

### Analysis of Student Work Process: Reviewer Certification

The Analysis of Student Work Reviewer Certification module is intended to help reviewers understand the ASW Process and provide general as well as content-specific reviewer training. This module will serve as a calibration and certification tool for ASW reviewers. Potential reviewers must successfully complete the module training and calibration in order to participate as reviewers in the ASW Process. (1.0 CEU)

### Assessing Digital Tools

Knowing which digital tools to use in a particular learning context can be a complex issue. This module will provide models by which teachers can consider both the pros and cons of using various types of digital tools in their classroom, with examples and opportunities for participants to evaluate their own technology use. (1.0 CEU)

### Building and Sustaining Professional Development

This module supports district leaders, charter leaders and teacher-leaders in establishing systems and structures for planning, designing and evaluating high quality professional development. The focus is on Guskey's model for PD evaluation. (0.5 CEU)

### Charter School Governance Board Training

This module supports current and future board members through proven governance strategies and resources along with the content of the 2013–2014 NC Governance Fundamentals training sessions. Each section provides governance exercises designed to analyze and strengthen the board's governance practices. (2.4 CEUs)

### Connecting With Our 21st Century Learners

Today's students will face challenges our generation has yet to imagine. This module focuses on ensuring that every student is ready to meet those challenges. The 21st Century Skills Framework developed by the Partnership for 21st Century Skills helps to guide this discussion. Participants observe and analyze model lessons to identify 21st century skills and methods of teaching them, design a lesson incorporating 21st century skills and tools, and collaborate with colleagues to critique lessons developed by other participants. (1.0 CEU)

### Data Literacy in Action

In this module, the concepts of data literacy introduced in the introductory module will be explored further. The module will introduce a data interpretation cycle that can be used to inform instructional decision making and will address the steps of that cycle in depth. (1.0 CEU)

### Developing and Maintaining a Positive Learning Environment in Your Classroom

This module offers strategies that will enable teachers to shape the management of their classrooms by building relationships with students, establishing procedures, and planning lessons. Beginning teachers who have completed a teacher preparation program as well as those who are entering the profession via alternative routes will benefit from this module. It will also help veteran teachers who would like to refresh their management techniques. (1.0 CEU)

### Digital Literacies in the K–12 Classroom

Students need continual guidance in building digital literacy, and teachers need to reflect continually on how best to provide that guidance—and to refine their own skills. Just as basic literacy—reading and writing—must be a part of teaching and learning in every content area, so must digital literacy. This module offers a sound and thorough grounding in digital literacy as it pertains to the classroom. (1.2 CEUs)

### Flipped Classrooms: Action Research from the GTN Project

The flipped classroom is an instructional strategy that relies on video and online technologies to present instructional material. Students view videos containing instructional content and then use class time for projects and discussion. This module will summarize existing research on flipped classrooms and showcase action research by Governor's Teacher Network participants. The focus will be on the effectiveness of flipped classrooms, highlighting the experiences of teachers, affordances and constraints of the instructional strategy, and also best practices for educators wishing to utilize the flipped classroom model with their students. (0.5 CEU)

### Global Awareness, Diversity and Cultural Sensitivity in the Classroom

As we prepare students for college and career, knowledge of the world is invaluable. What are we doing to foster global awareness and global empathy in our classrooms? What responsibility do educators in NC have to teach students about the world? How prepared are our educators to understand and serve the students in NC's diverse school community? In this module, we will share ideas for global education. We will also focus on the correlation between global education and the NC Professional Teaching Standards. (1.0 CEU)

### Introduction to Data Literacy

This module includes information on types of data, strategies for analyzing and understanding data. Activities involve learning experiences that develop and enhance strategies to identify, evaluate, and use data to inform instruction. (0.4 CEU)

### Literacy in History/Social Studies, Science, and Technical Subjects: Part I

This introductory module defines literacy in the disciplines. Learners will receive an overview of the connections between the NC Essential Standards and the Common Core State Standards for Literacy in History/Social Studies, Science and Technical Subjects. They will practice examining, discussing, and creating learning activities for their students that integrate the NC Essential Standards and the Common Core Literacy Standards for disciplines in grades 6–12. (0.3 CEU)

### Literacy in History/Social Studies, Science, and Technical Subjects: Part II

Learners will review the standards in their disciplines and understand how the teaching of literacy is a school-wide responsibility. They will also examine teacher behaviors, pedagogical approaches, and students' skills and attitudes surrounding the development of CCSS in the respective disciplines. They will practice examining and creating learning activities for their students that integrate the NC Essential Standards and the Common Core Literacy Standards for disciplines in grades 6–12. (1.0 CEU)

### Literacy Strategies in the Math Classroom: Action Research from the GTN Project

Literacy is a set of skills that students need to build in all content areas, including math! This module summarizes current research on literacy strategies for math instruction and highlights a few specific strategies teachers can use during math instruction to improve literacy, especially as it relates to math. The strategies included here are showcased in the action research of Governor's Teacher Network participants. (1.0 CEU)

### NC Principal and Assistant Principal Evaluation: Understanding the Process

This module explores the steps of the NC Principal and Assistant Principal Evaluation Process, including orientation, self-assessment, goal-setting, mid-year meeting, conferencing, and summary evaluation. (0.5 CEU)

### NC Professional Teaching Standards

The demands of 21st-century education have required new roles for teachers in their classrooms and schools. The North Carolina Professional Teaching Standards define what teachers need to know and do to teach students in the 21st century. This module explores the teacher standards, their elements, and the rating scales for each element. (1.0 CEU)

### NC School Executive Standards

The NC Principal and Assistant Principal Evaluation Process is based on the NC School Executive Standards. These standards have been developed as a guide for principals and assistant principals as they continually reflect upon and improve their effectiveness as leaders throughout their careers. The standards serve as an important tool for principals and assistant principals as they consider their growth and development as executives leading schools in the 21st century. (1.0 CEU)

### NC Teacher Evaluation: Understanding the Process

This module explores the steps of the NC Educator Evaluation Process, including self-assessment, goal-setting, observations and conferencing, planning professional development, and summary evaluations. (0.5 CEU)

### **NC Teacher Leadership Specialist: Understanding the Evaluation Process**

Teacher Leadership Specialists include teachers who directly support teachers, informing instruction for student achievement. This group includes teachers who are not assigned student rosters. The State Board approved standards and evaluation process are included in this module. This evaluation tool is aligned with the NC Teacher evaluation and is focused on teacher support. Teacher leaders and administrators who evaluate teacher leaders, curriculum facilitators and/or literacy coaches will find this resource valuable. (0.5 CEU)

### **Preparation for Foundation of General Curriculum/Math Licensure Exam**

This module is designed to provide teachers with the knowledge and skills needed in the preparation of taking the NC General Curriculum Mathematics Subtest and to deliver effective instruction in math. It is intended to help teachers coming in from out of state prepare for the licensure exam and to be used by IHE instructors to guide the preparation of content to be included in their courses to prepare students for the test. (1.0 CEU)

### **Preparation for Foundation of Reading Licensure Exam**

This module is designed to provide teachers with the knowledge and skills needed to assist in the preparation of taking the Foundations of Reading for NC Exam and to deliver effective instruction in reading. This module is intended to help teachers coming in from out-of-state prepare for the licensure exam. It can also be used by Institutions of Higher Education (IHE) instructors to guide them in the content that should be included in their courses to better prepare their students for the test. (1.0 CEU)

### **Responsibilities of the 21st-Century Educator**

This module begins with the foundational 4Cs (Communication, Collaboration, Critical Thinking, and Creativity) and how those components contribute to educational practice. Learners will explore Professional Learning Networks and tools to create them; explore global awareness, global empathy and how to connect a classroom to the global community; and look at student-centered instruction and the use of digital strategies to promote such instruction. (1.0 CEU)

### **The Professional Educator: An Ethics Guide for North Carolina Teachers**

State Board policy TCP-C-014 defines the code of ethics for all North Carolina educators. The purpose of this code of ethics is to set standards of professional conduct. This module reviews these standards for all teachers. This is also an essential tool for beginning teachers' and lateral entry teachers' growth and development. This module should take approximately 10 hours to complete and will be worth 1 CEU on completion.

### **The Reading and Writing Connection: Action Research from the GTN Project**

Although reading and writing are often taught as separate subjects, the teaching and understanding of them is strongly interconnected. North Carolina educators have already seen a shift in this direction with the implementation of the Reading 3D/mCLASS Assessments. Using action research from Governor's Teacher Network projects, this module will build a further understanding of the connections between reading and writing in the classroom. (1.0 CEU)

### **The WIDA English Language Development Standards**

This module introduces the World-Class Instructional Design and Assessment (WIDA) English Language Development Standards. The benefit of using the WIDA Standards is delivering instruction that increases comprehensibility for every student, and the goal of this module is to facilitate all teachers' embedding explicit language instruction in their teaching and learning. (2.0 CEUs)

### **Understanding the Role of School Resource Officers in Schools**

The single greatest benefit for our K-12 students is to create collaborations among our educators, school resource officers, school nurses, school social workers, school counselors and school psychologists. This module will help school personnel develop an awareness of the role and effective utilization of School Resource Officers in order to create a caring and safe educational environment that benefits learning and community. (0.5 CEU)

### **Understanding Student Behavior**

This module is for middle and high school teachers and school staff. The module will help teachers and staff develop an enhanced awareness of behavioral health issues in the classroom which may foster academic achievement for all students, decrease dropout rates, and increase NC's graduation rates. (0.5 CEU)

### Understanding the Schools' Role in Suicide Prevention

Suicide attempts have increased among North Carolina's student population of elementary, middle and high school students. Suicide attempts and deaths are devastating events for students, families, friends, and staff with crucial emotional consequences. This module will serve as a tool to assist educators as teachers and peers are often among the first to identify when a student displays warning signs of contemplating suicide. This module provides an evidenced tool increasing knowledge for prevention and intervention. Included are resources for assistance and recovery supports for the students, school staff and families. (0.5 CEU)

### Understanding Young Student Behavior

This module is for preschool through grade 5 teachers. The module will serve as a tool to assist teachers to develop an enhanced awareness of behavioral health issues in young students and extend that knowledge to foster long-term connectivity and academic achievement for all students, decrease the dropout rates, and ultimately increase NC's graduation rates. (0.5 CEU)

### Universal Design for Learning

Today's classrooms consist of a diverse group of learners. This module focuses on ensuring that every student has equal access to learning by removing barriers that are often present in curriculum. (1.0 CEU) **Course is currently being revised and will be available again the end of 2015.**

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## Mini-Modules

Mini-modules are shorter than modules, requiring 1 to 3 hours of work, and are self-paced. Credit may be awarded at the local level in combination with additional professional development requirements.

### Completing the Teacher Professional Development Plan Component within the Online Evaluation Tool

This mini-module is designed to help teachers understand the process for completing the Professional Development Plan (PDP) in the online NC Educator Evaluation System tool. The PDP is component eight (8) of the NC Teacher Evaluation Process.

### Completing the Training, Orientation and Self-Assessment Components within the Online Evaluation Tool

This session is designed to help teachers understand components 1–3 of the NC Teacher Evaluation Process and document completion of these components in the online NC Educator Evaluation System tool.

### Creating and Managing PD through Home Base

This mini-module will take you through the process of creating, managing, and delivering professional development through Home Base – whether self-paced or instructor-led, Moodle-based or non-Moodle.

### Creating a Connected Culture through Student Engagement and Empowerment

This mini-module will provide a structure for teachers to guide students to be intrinsically motivated by growing into empowered, connected, contributing members of the classroom community. Building relationships involves getting acquainted, creating an identity, providing mutual support, celebrating diversity, and developing synergy. Everyone is involved within a community of leaders and learners in the connected classroom. This mini-module should take about 3 hours to complete.

### Demonstrating High Expectations

This mini-module examines the impact of teacher expectations on student success in an era of new standards, explores how educator beliefs are reflected in classroom and school settings, and examines the Framework for 21st Century learning to fully understand the complexity of this topic.

### **Developing Effective Data Teams**

This module is designed for school level educators who serve as members of a data team or who will be charged with building capacity to develop local data teams. The module will explain the data teams process and how to use data teams to implement data-driven decision making at the classroom level.

### **Differentiation in the Classroom**

This session provides participants with an overview of differentiation. Upon completion, participants will be able to apply their new knowledge in their learning environment to meet the individual needs of their students and will be able to identify resources in order to deepen their understanding on a local level.

### **District Benchmark Assessments**

This mini-module guides district administrators, curriculum specialists, and teacher leaders through step-by-step directions to create district benchmark assessments. It includes information on how to create multiple types of items, including multiple choice, open responses and gridded responses, and covers both Manual Tests and Express Tests.

### **Effective Professional Learning Communities**

This mini-module highlights basic information about PLCs and why PLCs are currently crucial. Participants are then guided to organize an effective PLC process, viewing a video with teachers and their principal who explain their PLCs. Educators are finally reminded of the importance of collaboration and trusting relationships for PLCs to meet their full potential.

### **EVAAS Basics**

The new mini-module "EVAAS Basics," available through Home Base to all NC educators, explains the EVAAS growth model of evaluating teachers, including the differences between growth and proficiency, how projections and predictions are calculated and used, and how statistical concepts like normal curve equivalents and standard error contribute to making Standard 6 a fair assessment of teacher growth.

### **Integrating Student-Created Videos in the Classroom**

This instructional mini-module will showcase how to effectively incorporate videos and films into your daily instruction. Participants will learn about student-created videos, student film festivals and how to get the most out of videos and films in your school and classroom.

### **National Board Certification: A Guide for Teachers**

The mini-module provides information about the history, benefits and the North Carolina process for pursuing the National Board Certification process. This mini-module will help educators determine their readiness for the certification process and guide them through the new certification requirements released during 2014. Information regarding the currently available Component 1 and Component 2 are included. This is an overview and we recommend candidates also seek support from their LEA or professional organizations.

### **Setting Learning Targets & Questioning for Learning**

This mini-module provides teachers and administrators with an understanding of essential questions, clear learning targets and how their use can enhance student instruction. The module concludes with an opportunity for participants to practice, connecting an essential question with possible big ideas and several learning targets within a unit of study.

### **SMART Goals for Students**

Participants will learn to guide students in the development of individual SMART goals to facilitate learning and target their individual learning needs. A case study is provided to illustrate the process of setting a SMART goal with a student.

### **Twitter in Education**

Twitter can be a valuable tool to support learning. Learn how Twitter supports formative assessment, resource sharing, collaboration, individualized learning, and professional community. Discover how to use Twitter in the classroom and for communicating with students and families. This session will start with the basics and no prior experience with Twitter is required.

### **Using Adobe Connect**

This mini-module highlights how to create and host meetings, as well as how to effectively use the software to get the most out of virtual meeting space. Participants learn best practice tips to use this collaboration tool for planning and discussions with PLCs or PLNs.

### Using Google Apps in the Classroom

Google for Teachers is a mini module that demonstrates how to integrate various Google apps into classroom instruction. Teachers who complete the module may apply knowledge to earn Google Educator certification by completing basic exams required by Google.

### Video Recording in the Classroom for Self-Reflection

Video is a powerful reflection tool for educators and can provide insights into classroom practice. This mini-module will provide insights, techniques and resources to help make your classroom video recordings more successful and effective. Participants can expect to spend around 30-45 minutes in this module.

### What the Best NC Teachers Do

NC Teachers of the Year highlight effective classroom practices, including “hooking” reluctant learners and maximizing learning opportunities for all students. This video series offers advice to new teachers and highlights effective instructional practices and strategies. Tools are included for participant self-reflection and professional growth.

### Writing SMART Goals

This session focus on goal setting. It provides teachers with knowledge and strategies to set meaningful goals for student achievement that are SMART: Strategic, Measurable, Achievable, Results-oriented and Time-bound.

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## Facilitated Courses

These courses are facilitated by DPI professionals and registration is limited to 35 participants.

### Building and Sustaining Professional Development

Supports district leaders, charter leaders and teacher-leaders in establishing systems and structures for planning, designing and evaluating high quality professional development. The focus will be on Guskey’s model for PD evaluation. (6 weeks, 1.0 CEU)

### Connecting with our 21st Century Learners

Today's students will face challenges our generation has yet to imagine. This course focuses on ensuring that every student is ready to meet those challenges. The 21st Century Skills Framework developed by the Partnership for 21st Century Skills helps to guide this discussion. Participants observe and analyze model lessons to identify 21st century skills and methods of teaching them, design a lesson incorporating 21st century skills and tools, and collaborate with colleagues to critique lessons developed by other participants. (5 weeks, 1.0 CEU)

### Data Literacy in Action

In this course, the concepts of data literacy introduced in the introductory course will be explored further. The course will introduce a data interpretation cycle that can be used to inform instructional decision making and will address the steps of that cycle in depth. (6 weeks, 1.5 CEUs)

### Digital Literacies in the K–12 Classroom

Students need continual guidance in building digital literacy, and teachers need to reflect continually on how best to provide that guidance-and to refine their own skills. Just as basic literacy-reading and writing-must be a part of teaching and learning in every content area, so must digital literacy. This course offers a sound and thorough grounding in digital literacy as it pertains to the classroom-or of digital literacies, as the title of the course says, for there are many ways of thinking about digital literacy. (7 weeks, 1.5 CEUs)

### **Introduction to Data Literacy**

This course provides an introduction to data literacy. Both teacher and principal perspectives are included. It includes information on types of data, strategies for analyzing and understanding data, and processes for determining how these can influence instructional practices. In order to design effective instruction and learning environments, educators need to determine what learners know, and effectively use evidence collected. This course aims to provide learning experiences that develop or enhance abilities to find, evaluate, and use data to inform instruction.

(5 weeks, 1.0 CEU)

### **Introduction to Universal Design for Learning**

Today's classrooms consist of a diverse group of learners. This course focuses on ensuring that every student has equal access to learning by removing barriers that are often present in curriculum. This course introduces the learner to UDL and its principles. (4 weeks, 1.0 CEU)

### **Literacy in History/Social Studies, Science and Technical Subjects, Part 1**

This introductory course defines literacy in the disciplines. Learners will receive an overview of the connections between the NC Essential Standards and the Common Core State Standards for Literacy in History/Social Studies, Science and Technical Subjects. They will then have guided practice examining, discussing, and creating learning activities for their students that integrate the NC Essential Standards and the Common Core Literacy Standards for disciplines in grades 6-12. (5 weeks, 0.5 CEU)

### **Literacy in History/Social Studies, Science and Technical Subjects, Part 2**

Learners will review the standards in their disciplines and understand how the teaching of literacy is a school-wide responsibility. They will also examine teacher behaviors, pedagogical approaches, and students' skills and attitudes surrounding the development of CCSS in the respective disciplines. They will have guided practice examining, discussing, and creating learning activities for their students that integrate the NC Essential Standards and the Common Core Literacy Standards for disciplines in grades 6–12.

(7 weeks, 1.5 CEUs)

### **NC Teacher Standards and Evaluation Process**

This course provides an in-depth look at the NC Professional Teaching Standards and will help educators understand their role in the new evaluation process, as well as deepen their understanding of the six professional teaching standards.

(6 weeks, 2.0 CEUs)

### **Responsibilities of the 21st Century Educator**

This course begins with the foundational 4Cs (Communication, Collaboration, Critical Thinking, and Creativity) and how those components contribute to educational practice. Learners will explore Professional Learning Networks and tools to create them; explore global awareness, global empathy, and how to connect a classroom to the global community; and look at student-centered instruction and the use of digital strategies to promote such instruction. (8 weeks, 1.0 CEU)

### **Seize the Data: Empowering Teachers to Create and Use Assessment and Measurement**

This 14-week virtual course is taught by a North Carolina Center for Advancement in Teaching (NCCAT) Data Literacy Specialist (trained NC classroom teachers), and includes weekly assignments that are classroom-embedded and designed to help teachers reflect on the importance of data and how they collect, analyze, and use it in their instruction. Teachers will gain a basic understanding of data literacy principles and be able to reflect on and improve existing classroom assessment practices and classroom data collection. This course should take approximately 40 hours to complete. Satisfactory completion of the course will earn 4 CEUs. Participants should expect to spend 2-3 hours per week on course-related work. (14 weeks, 4 CEUs)

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## PD MOOClets

A Massive Open Online Course (MOOC) allows a large number of participants to learn together and requires a high degree of learner independence. Our MOOClet, with large but limited participation (200), preserves the advantages of facilitated courses such as instructor involvement and allows a larger number of participants to share ideas and learn from one another.

### Action Research for Educators

The goal of this course is to facilitate a deeper understanding of action research, and develop a connected network of participating educators across the state. The course has been developed to provide teachers participating in the **Governor's Teacher Network (GTN)** project resources and support throughout the span of the project. The course will provide resources and instruction, in a just-in-time manner. Participants will learn about each step of the action research process so that they are then ready to put that step into practice. Along with the facilitators of the course, each GTN teacher will be supported throughout the project by regional PD leads who will meet with participants, face-to-face, or online, throughout the project. This regional support and networking will be expanded in the online course to give participants an opportunity to interact with others all across the state.

### Effective Digital Strategies for the K-12 classroom (MOOClet)

This course is intended for K-12 classroom teachers and other instructional personnel. It focuses on using digital tools and strategies to support teaching and learning and enriching individuals' knowledge through developing communities of practice across the state in their subject and grade level. In this course, we will look at the 4Cs — Creativity (and Innovation), Critical thinking (and Problem solving), and Communication and Collaboration — which are critical keystones for the 21st century classroom. We will collaboratively investigate digital tools and strategies that can be used to enhance the teaching and learning of these skills. This course should take approximately 20 hours to complete. (6 weeks, 2.0 CEUs)

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## Online Discussion Forums

### Cross-district Strategic Solutions Forum

Cross-district Strategic Solutions Sessions serve to facilitate state-wide discussions targeting challenges/issues identified by districts. Each 60 minute interactive webinar session focuses on a specific issue or problem (identified by a district) with time for peer feedback. This online discussion forum allows participants to continue the conversation by sharing ideas and resources after the conclusion of the live webinar. Each topic forum is hosted in the Home Base Professional Development system and remains open for 10 days after each webinar. This is not a traditional online module or course for professional development but serves as a solutions-oriented forum for educators.



NCDPI - RESA PD Calendar - <http://www.dpi.state.nc.us/profdev/calendar/>

NCDPI WikiCentral link - <http://wikicentral.ncdpi.wikispaces.net/NCDPI+WikiCentral+Page>