



NORTHEAST COMPREHENSIVE CENTER

# Building an Environment for Computer-Based Testing

February 6, 2014 | 9:00am - 10:00am  
Jason Gaines



# About the Northeast Comprehensive Center

The mission of the Northeast Comprehensive Center (NCC) is to develop the capacity of the state education agencies in Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, and Vermont and their networks and agencies to assist districts and schools in improving achievement outcomes for all students. In doing so, we strive to engage with state education leaders in:

- Thinking **systemically** about the relationships among all elements to create coherence and articulate a common purpose;
- Using **research-based findings** and **rigorous evidence** to evaluate impact, refine practices, seek new solutions, and meet learners' needs;
- Acting **strategically** to maximize opportunities and to make the best use of available resources; and
- Working **collaboratively** across leadership levels and organizations to leverage resources and overcome barriers.

## About Us:

NCC is a partnership between RMC Research Corporation, the Community Training and Assistance Center, Learning Innovations at WestEd, and the New York Institute of Technology.

NCC operates under a grant from the US Department of Education. However, our work does not necessarily represent the policy of the US Department of Education, and you should not assume endorsement by the federal government.

To learn more visit our website:

**www.  
northeastcompcenter.org**



# Agenda

- Course Overview
  - Audience
  - Goal and Objectives
  - Units
- Course Offerings and Registration
- Next Steps and Questions



**Course Overview**

Audience



# Audience

The Building an Environment for Computer-Based Testing course is designed to provide technical assistance to:

- State Education Agencies (SEA)
- Local Education Agencies (LEA)



# Course Overview

# Goals and Objectives



# Goals

Upon the completion of this course, participants will be able to:

- Effectively implement computer-based testing programs,
- Share best practices and
- Collaborate in a professional learning community which will continue to support the development of such programs.



# Objectives

Participants will:

- Conduct a readiness assessment and a needs assessment to understand how the district/school is situated for computer-based testing
- Develop a strategic plan for a computer-based testing program implementation
- Develop an implementation plan for a computer-based testing program implementation
- Develop an accountability and assessment for a computer-based testing program implementation that will help your district/school make real-time necessary changes to your implementation
- Reflect and share best practices with course facilitators and other course participants





**Course Overview**

Units



# Unit 1: Readiness and Needs

Through the lessons presented in this unit you will be conducting a district/school readiness and needs assessment for computer-based testing programs.



# Unit 1: Readiness and Needs

- Lesson 1

- Participants will learn: the purpose and basic definitions of readiness and needs assessments, the relationship between readiness and needs assessments, and how these assessments are implemented in an educational setting.

- Lesson 2

- Participants will transition introductory understanding of readiness and needs assessments to a working knowledge of these assessments, and an ability to conduct their own customized readiness and needs assessment.



# Unit 1: Readiness and Needs

- Lesson 3
  - Participants will conduct their readiness and needs assessment using the NCC Readiness and Needs Assessment as the base document.
- Lesson 4
  - This lesson teaches participants to analyze their readiness and needs assessment. Additionally, participants will explore evaluation methods.



# Unit 2: Content

Through the lessons presented in this unit you will develop the components of your strategic plan that relate to content necessary for computer-based testing programs.



# Unit 2: Content

- Lesson 1
  - Participants will gain a fundamental understanding for the type of course content needed to implement CBT programs.
  
- Lesson 2
  - Participants will explore the model content frameworks and specifications on the PARCC and Smarter Balanced consortiums.



# Unit 2: Content

- Lesson 3
  - Participants will explore how to make their content accessible, and gain insight on the style and structure of the computer-based tested used for evaluating the standards outlined by Common Core State Standards.
  
- Lesson 4
  - In this lesson, participants will gain an understanding of the relationship between teacher training, technology, operations and accountability & assessment through the frame of content.



# Unit 3: Teacher Training

Through the lessons presented in this unit you will develop the components of your strategic plan that relate to teacher training necessary for computer-based testing programs.





# Unit 3: Teacher Training

- Lesson 1
  - In this lesson, participants will gain a deeper understanding of better understand effective online teaching and learning practices.
  
- Lesson 2
  - Participants will gain a fundamental understanding of their current level of teacher training in regard to online teaching and learning.



# Unit 3: Teacher Training

- Lesson 3
  - In this lesson, participants will explore techniques in order to better prepare teachers to foster success in CBT programs, using various resources to make teacher training more accessible.
  
- Lesson 4
  - In this lesson, participants will gain an understanding of the relationship between content, technology, operations and accountability & assessment through the frame of teacher training.



# Unit 4: Technology

Through the lessons presented in this unit you will develop the components of your strategic plan that relate to technology necessary for computer-based testing programs.



# Unit 4: Technology

- Lesson 1

- Participants will gain a fundamental understanding for the type of technology needed to implement computer-based testing. Students will explore potential concerns and issues that can arise pre-, present, and post-testing.

- Lesson 2

- In this lesson, participants will learn the purpose of, and how to use the Tech Readiness Tool developed by the PARCC and Smarter Balanced consortiums, in order to help transition states and districts to computer-based testing of Common Core Standards.



# Unit 4: Technology

- Lesson 3

- Participants will explore how to make their current technology accessible, thereby enabling teachers and student to have success on computer-based tests.

- Lesson 4

- Participants will gain an understanding of the relationship between content, teacher training, operation, and accountability and assessment through the frame of technology.



# Unit 5: Operations

Through the lessons presented in this unit you will develop the components of your strategic plan that relate to operations necessary for computer-based testing programs.



# Unit 5: Operations

- Lesson 1

- In this lesson, participants will gain a fundamental understanding for the type of operational concerns that could arise when implementing computer-based testing programs.

- Lesson 2

- Participants will gain a fundamental understanding for your the current level of operations in regard to implementing computer-based testing.



# Unit 5: Operations

- Lesson 3
  - In this lesson, participants will explore techniques on building capacity which leads to better design and implementation of computer-based testing programs.
  
- Lesson 4
  - In this lesson, participants will gain an understanding of the relationship between content, teacher training, technology, and accountability & assessment through the frame of operations.





# Unit 6: Accountability and Assessment

Through the lessons presented in this unit you will develop district/school accountability and assessment tools to evaluate the fidelity and integrity with which your district/school computer-based testing program is being implemented.



# Unit 6: Accountability and Assessment

- Lesson 1

- In this lesson, participants will learn how to assess the implementation of computer-based testing programs.

- Lesson 2

- In this lesson, participants will determine appropriate accountability and assessment tools needed in order to implement computer-based testing.



# Unit 6: Accountability and Assessment

- Lesson 3

- In this lesson, participants will gain a fundamental understanding for the process of developing an accountability and assessment plan for the implementation of computer-based testing programs.

- Lesson 4

- In this lesson, participants will gain a fundamental understanding for the process of developing an accountability and assessment tools, guidance, and training. A theoretical and practical outlook at developing appropriate accountability and and assessment tools, guidance, and training is provided.



**Course Offerings**

Registration



# Course Offerings and Registration

The NCC will begin offering the course in February 2014. The proposed start dates are list in the following:

- Monday, February 10, 2014
- Monday, March 31, 2014
- Monday, May 19, 2014

To register for the course, please do so by visiting the following link:

<http://goo.gl/ku7Px2>



# Course Demonstration



**Next Steps**

Questions



# Next Steps and Questions

- We are actively accepting registrations for all of the course sections. The first section begins on February 10, 2014.
- If you have any further questions, please contact:  
  
Jason Gaines [jgaines@northeastcompcenter.org](mailto:jgaines@northeastcompcenter.org)





# Comprehensive Center Evaluation

The NCC is required to have our technical assistance event participants complete our incredibly comprehensive evaluation. This is what allows us to provide free service – like our working group session. We appreciate your thorough feedback.

Please follow the link below to complete our comprehensive center evaluation:

- <http://goo.gl/NncSoz>





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Thank you.