

The New Art and Science of Teaching Online Course

CEU

Introduction to the course

This course is based on Dr. Robert J Marzano's *The New Art and Science of Teaching*. This book is a greatly expanded volume of the original *The Art and Science of Teaching*, offering a framework for substantive change based on Dr. Marzano's 50 years of education research. While the previous model focused on teacher outcomes, the new version places focus on student outcomes. Throughout the online course, Marzano details the elements of three overarching categories of teaching, which define what must happen to optimize student learning.

About Solution Tree Online Courses

Solution Tree partners with noted experts and authors to develop online courses that provide engaging and rigorous professional development. Each course is highly interactive and is facilitated by experts who provide direct and timely feedback to every learner. Courses are comprised of 42 hours of work, including videos, reflections, eBook readings, online quizzes and writing assignments. Courses can be taken for graduate credit - offered through Lynchburg College - or CEU credit where states or districts approve.

Solution Tree's online courses can be accessed by educators anytime and anywhere there is Internet connectivity. Learners can use desktops, laptops and tablets to access their online courses.

Each course is facilitated by expert teachers and administrators who provide practical and timely feedback on all written assignments. Students can send emails to course facilitators at anytime from within the online course.

Course Objectives

1. Explore instructional strategies that correspond to each of the 43 elements of *The New Art and Science of Teaching*, which have been carefully designed to maximize student engagement and achievement.
2. Utilize ten design questions and a general framework that will help determine which classroom strategies you should use to foster student learning.
3. Analyze the behavioral evidence that proves the strategies of an element are helping learners achieve academic success.
4. Study the state of the modern standards movement and what changes must be made in K–12 education to ensure high levels of learning for all.

Opportunities for Assessment & Application

Each module of this online course will contain an online quiz containing between 10 and 20 multiple-choice questions on the topics covered in the module. Online quizzes are automatically graded and learners are provided immediate feedback.

Readings & Supplemental Support Material:

The New Art and Science of Teaching by Robert J Marzano. ISBN: 9781943874965. A joint Publication of ASCD and Solution Tree. Copyright © 2017 by Solution Tree Press

Scope and Sequence

Module 1

- **Video Introduction**
- **A Deeper Read**
 - **Chapter 1: Providing and communicating clear learning goals**
 - **Chapter 2: Using Assessments**
- **Key Things to Remember**
- **Quiz**

Module 2

- **Video Introduction**
- **A Deeper Read**
 - **Chapter 3: Conducting Direct Instructional Lessons**
 - **Chapter 4: Conducting Practicing and Deepening Lessons**
- **Key Things to Remember**
- **Quiz**

Module 3

- **Video Introduction**
- **A Deeper Read**
 - **Chapter 5: Conducting Knowledge Application Lessons**
 - **Chapter 6: Using Strategies that Appear in All Types of Lesson**
- **Key Things to Remember**
- **Quiz**

Module 4

- **Video Introduction**
- **A Deeper Read**
 - **Chapters 7: Using Engagement Strategies**
 - **Chapter 8: Implementing Rules and Procedures**
- **Key Things to Remember**
- **Quiz**

Module 5

- **Video Introduction**
- **A Deeper Read**
 - **Chapter 9: Building Relationships**
 - **Chapter 10: Communicating High Expectations**
- **Key Things to Remember**
- **Quiz**