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2018 - 2019 Curriculum Catalog  
Career and Technical Education Series  
Teaching and Training Careers

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## Teaching and Training Careers Course Overview

This course introduces students to the art and science of teaching. It provides a thorough exploration of pedagogy, curriculum, standards and practices, and the psychological factors shown by research to affect learners. In five units of study, lessons, and projects, students engage with the material through in-depth exploration and hands-on learning, to prepare them for teaching and training careers. Students are given many opportunities to be the teacher or trainer, and to explore the tasks, requirements, teaching strategies, and research-based methods that are effective and high-quality.

Unit One provides foundational information on the evolution of education, educational formats, learning theories and theorists, and the interconnectedness of knowledge areas in teaching and training careers. In Unit Two, students become teachers, creating courses and lesson plans to standards, in their exploration of instructional design and planning. They investigate resources and types of materials teachers select, use, and create.

Unit Three focuses on classroom strategies, as students role-play in simulations to devise methods of handling classroom issues and engage individual learners. They assess student and teacher performance through assessments themselves, examining the effectiveness of various methods. Unit Four focuses on the importance of a positive environment, as evidenced through research, and students identify elements that achieve this outcome. Students contrast inclusion-based education with previous instructional models from educational history. Unit Five completes the 30 lesson segments with student investigation of data collection; rankings; student records; and how data is collected, compiled, used, and stored. Students research outreach methods and accountability regulations and practices, to see how data use affects community standing and relationships, policy reform, and school reputation.

Students complete the course with a comprehensive knowledge of what is required in educational qualifications, preparing for, obtaining, and excelling in a teaching and training career they are encouraged to determine for themselves. They gain an informed awareness of research-based methods, effective strategies, the needs of individual learners, and the challenges teachers and trainers face in today's educational landscape.

### Objectives

- Categorize uses of statistics, evaluations, and reports.
- Compare learning styles and effective tools.
- Compare presentation and preparation attributes of teaching with other professions.
- Compare training and teaching goals and learning strategies.
- Identify components or types of lesson segments.
- Argue the importance of engaged learners and a positive environment.
- Describe the benefits of inclusive classrooms .
- Describe the importance of well-planned lessons for holding attention.
- Describe knowledge areas in training in contrast to teaching.
- Describe learning theory and theorists.
- Describe research on individual learners and school readiness.
- Describe teaching styles and lesson planning.
- Differentiate training pedagogy from that of teaching.
- Evaluate the needs of individual learners.
- Identify teacher-parent interactions.
- Identify the value of effective teaching styles.
- Summarize the effectiveness of balanced lesson flow.
- Summarize the evolution of learning theories.
- Summarize factors important to adult learning.
- Summarize factors in classroom environments that affect learning.
- Summarize the theory of multiple intelligences.
- Summarize ways in which materials assist individual learners.
- Summarize Worldviews in learning theory.

Unit 1: Foundations of Pedagogy	
Teaching and Training Careers	<b>Assignments</b>
	1. Course Overview
	2. Educational Knowledge Areas
	3. Project: Your Pet Theory
	4. Learning Theories and Student Experiences
	5. The Difference Between Teaching and Training
	6. Project: Training Day
	7. Quiz 1: History, Learning Theories and Theorists
	8. Defining Instructional Standards
	9. Project: Pick a Subject and Plan a Class to Standards
	10. Assessing Instructional Standards
	11. Individual Learning in Standardized Classrooms
	12. Project: Classroom Anecdotes as Research
	13. Quiz 2: Standards and Standardized Learning
	14. Special Project*
	15. Test
	16. Course Project Part 1: Your Educational Approach*
17. Glossary and Credits	

Unit 2: Planning and Preparing a Lesson	
Teaching and Training Careers	<b>Assignments</b>
	1. Creating the Lesson Plan
	2. Project: Build Your Lesson Plan
	3. Revising Lesson Plans for Effectiveness
	4. Project: Revise Your Lesson Plan
	5. Using Bloom's Taxonomy
	6. Quiz 1: The Lesson Plan
	7. Choosing and Using Resources: Textbooks
	8. Project: Find a Great Textbook for Your Class
	9. Resources: Teacher-Created Materials
	10. Project: Explore Teacher-Created Materials
	11. Resources: Evaluating the Source
	12. Quiz 2: Curriculum Resources
	13. Special Project*
	14. Test
	15. Course Project Part 2: Your Daily Plan as a Teacher*
16. Glossary and Credits	

Unit 3: Delivering and Assessing	
Teaching and Training Careers	<b>Assignments</b>
	1. Teaching Skills for Effective Lessons
	2. Project: Think Fast!
	3. Lesson Components for Success
	4. Project: Rethink Your Lesson Plan for Successes
	5. Active Learning Strategies
	6. Quiz 1: Teaching Styles
	7. Focus on Assessments
	8. Project: Research Assessment Requirements in Your State
	9. Types of Assessments
	10. Creating Assessment Activities
	11. Project: Create an Awesome Assessment
	12. Quiz 2: Assessments
	13. Special Project*
	14. Test
	15. Course Project Part 3: You're the Teacher, What's Your Style?*
16. Glossary and Credits	

Unit 4: Managing the Learning Environment	
Teaching and Training Careers	<b>Assignments</b>
	1. Schools in the Community
	2. Project: A Moment in School History
	3. Developmentally Appropriate Materials
	4. Creating Positive School Environments
	5. Project: Create a Positive Environment
	6. Quiz 1: School Environments in the Community
	7. The Inclusive Classroom
	8. Project: The Non-Inclusive Classroom: A Cautionary Tale
	9. Improving Learning Environments
	10. Inclusion of Multiple Intelligences
	11. Project: Multiple Intelligences in Action
	12. Quiz 2: Inclusive Classroom Strategies
	13. Special Project*
	14. Test
	15. Course Project Part 4: Meet the Principal: You!*
16. Glossary and Credits	

Unit 5: Data and Use in School Relations	
Teaching and Training Careers	<b>Assignments</b>
	1. Keeping Track of Performance
	2. Project: School Report Cards and Rankings Check
	3. Data Collection Systems
	4. Project: Data Collection Systems Hunt
	5. How Data Affects Policy in Education
	6. Quiz 1: Data Collection in Schools
	7. Education Advocacy
	8. Project: You're the Advocate
	9. Teacher-Parent Communication
	10. Accountability in Education
	11. Project: Accountability Project
	12. Quiz 2: Education Outreach
	13. Special Project*
	14. Test
	15. Course Project Part 5: Peer Evaluations*
16. Glossary and Credits	

Unit 6: Course Project, Review, and Exam	
TTC	<b>Assignments</b>
	1. Course Project Part 6: Putting it All Together*
	2. Review
	3. Exam

(\*) Indicates alternative assignment