Odysseyware®

CURRICULUM OVERVIEW

Teaching and Training Careers

Career and Technical Education Series

Table of Contents

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 1: Foundations of Pedagogy:** Unit 1 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.

- **Unit 2: Planning and Preparing a Lesson:** In unit 2, 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 3: Delivering and Assessing:** Unit 3 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 4: Managing the Learning Environment:** Unit 4 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 5: Data and Use in School Relations:** Unit 5 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.

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

Unit 2: Planning and Preparing a Lesson

Assignments

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

Assignments

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

Assignments

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

Assignments

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	
Assignments	
1. Course Project Part 6: Putting it All Together*	2. Exam
3. Review	

(*) Indicates alternative assignment