



ENLIGHTIUM ACADEMY

Ignitia™ Career and Technical Education
Electives

Teaching and Training Careers

Enlightium Academy invites you to open the door to career and college readiness with Career and Technical Education (CTE) courses from Alpha Omega Publications - Ignitia™.

These rigorous, hands-on courses for grades 7-12 promote critical thinking, emphasize problem solving, and encourage students to take responsibility for their own learning. With 24 CTE courses divided into six clusters, these courses put students on practical paths to post-graduate success.

Should you have any questions about the curriculum, please contact support@enlightiumacademy.com or call Enlightium Academy Customer Support at (866) 488-4818 ext. 2017.

If you have questions about technical support or product configuration, please see the information below for Alpha Omega Publications.

Alpha Omega Publications Technical Support

Alpha Omega Publications' technical support is Ignitia™'s full-service technical support system. We exist to promote and preserve our customers' satisfaction. Our services include:

- Technical Support
- Product Configuration and Update Management

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Telephone:

Toll Free: 1-877-251-6662
Monday –Friday 7 a.m. to 5 p.m. (CT)

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

Assignment Titles

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| 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. Project: 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 | 17. Glossary and Credits |
| 9. Project: Pick a Subject and Plan a Class to Standards | |

UNIT 2: PLANNING AND PREPARING A LESSON

Assignment Titles

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

UNIT 3: DELIVERING AND ASSESSING

Assignment Titles

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

UNIT 4: MANAGING THE LEARNING ENVIRONMENT

Assignment Titles

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

UNIT 5: DATA AND USE IN SCHOOL RELATIONS	
TEACHING AND TRAINING CAREERS	Assignment Titles
	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. Project: Special Project*
	14. Test
	15. Course Project Part 5: Peer Evaluations*
16. Glossary and Credits	

UNIT 6: COURSE PROJECT, REVIEW, AND EXAM	
TEACHING AND TRAINING CAREERS	Assignment Titles
	1. Course Project Part 6: Putting it All Together*
	2. Review
	3. Exam

(*) Indicates alternate assignment