

Purposeful Learning Through Multiple Intelligences™ Online

Course Description

Purposeful Learning Through Multiple Intelligences™ Online focuses on helping educators identify and apply the multiple intelligences (MI) to meet the needs of today's diverse classrooms. Based on Howard Gardner's Theory of Multiple Intelligence™, participants will demonstrate the power of teaching and learning through this unique instructional process. Participants will explore other theories of intelligence, MI subcapacities, and their own MI profiles.

Course Alignments

This PLS 3rd Learning course is aligned to Charlotte Danielson's **Framework for Teaching:**

Domain 1 – 1B, 1D, 1E, and 1F

Domain 2 – 2A and 2B

Domain 3 – 3A, 3B, 3C, 3D, and 3E

Domain 4 – 4A, 4D, 4E, and 4F

Course Outcomes

Upon completion of this class, the learner will be able to:

1. Discuss and apply current, validated research underlying the theories, principles, and practices that lead to and support multiple intelligences.
2. Identify the eight intelligences (bodily-kinesthetic, interpersonal, intrapersonal, logical-mathematical, musical-rhythmic, naturalist, verbal-linguistic, and visual-spatial) and the primary characteristics and subcapacities evident within a lesson.
3. Analyze and discuss your own MI profile and how that has affected you as both learner and teacher.
4. Assess students to ascertain their MI profile.
5. Develop an intervention plan to meet the needs of struggling learners by assessing their multiple intelligences strengths and weaknesses and providing alternate instructional strategies.
6. Design and analyze a range of specific instructional strategies designed to meet the learning needs of each intelligence.

7. Identify and design entry points for integrating multiple intelligences in the classroom through classroom climate, products and portfolios, learning centers, or integrated multiple intelligences lessons.
8. Design an integrated multiple intelligences lesson.
9. Reflect on and continuously evaluate personal practice, adjust accordingly, and actively seek out opportunities to grow professionally using the knowledge and skills gained of this course.
10. Work collaboratively to refine understanding of content, give and receive feedback, improve expertise, and share knowledge, skills, and experiences.
11. Incorporate technology to enhance lessons and to enable students to learn to use it effectively.
12. Generalize this course content to reflect how the multicultural and diverse populations within classrooms have their needs met via the application of the skills, strategies, and knowledge of this course.

Required Text

Armstrong, T. (2018). *Multiple intelligences in the classroom* (4th ed.). Alexandria, VA: Association for Supervision and Curriculum Development.

Gardner, H. (2006). *Multiple intelligences: New horizons in theory and practice*. New York, NY: Basic Books.

Instructors and learners will also use instructor-generated materials, learner-generated materials, and Web-based resources to facilitate learning.

Topical Outline

List of Concepts

Multiple Intelligences

Descriptions of intelligence, definitions of common concept of intelligence, review of important terms, introduction to Howard Gardner's Multiple Intelligences (MI), differences between MI and the intelligence quotient, overview of the background behind MI, introduction to MI theories, the link between MI and education

MI, the Brain, and Cultivating Learning

Differences between MI and learning styles, opposing views of MI, relationship between MI and brain concepts, overview on parts of the brain and their impact on learning, identification of one's own MI, view of MI in action, review of tools and strategies to discover a student's MI

**Verbal-
Linguistic and
Logical-
Mathematical
Intelligences**

Exploration of the verbal-linguistic and logical-mathematical intelligences, description of the verbal-linguistic and logical-mathematical intelligence subcapacities, review of teaching situations involving the verbal-linguistic and logical-mathematical intelligences, teaching strategies and assessment ideas for verbal-linguistic and logical-mathematical intelligences

**Visual-Spatial
and Musical-
Rhythmic
Intelligences**

Exploration of the visual-spatial and musical-rhythmic intelligences, description of the visual-spatial and musical-rhythmic intelligence subcapacities, review of teaching situations involving the visual-spatial and musical-rhythmic intelligences, teaching strategies and assessment ideas for visual-spatial and musical-rhythmic intelligences

**Bodily-
Kinesthetic and
Interpersonal
Intelligences**

Exploration of the bodily-kinesthetic and interpersonal intelligences, description of the bodily-kinesthetic and interpersonal intelligence subcapacities, review of teaching situations involving the bodily-kinesthetic and interpersonal intelligences, teaching strategies and assessment ideas for bodily-kinesthetic and interpersonal intelligences

**Intrapersonal
and Naturalist
Intelligences**

Exploration of the intrapersonal and naturalist intelligences, description of the intrapersonal and naturalist intelligence subcapacities, review of teaching situations involving the intrapersonal and naturalist intelligences, teaching strategies and assessment ideas for intrapersonal and naturalist intelligences

**Emotional
Intelligence,
and Blending
MI with
Technology**

Exploration of the emotional intelligence, description of the emotional intelligence subcapacities, review of a teaching situation involving the intrapersonal and emotional intelligence, teaching strategies and assessment ideas for emotional intelligence, overview of additional emotional intelligence models, integration of MI and technology

**Teachers,
Classroom
Environment,
and MI
Integration**

Identify reasons teachers are drawn to MI theory, description of MI classroom, review of a teaching situation that addresses MI, creation of a MI lesson plan

Course Assessments and Links to Institutional Outcomes and Course Outcomes

Throughout the course, the learner will be assessed and evaluated on the completion of the following assessments. Participants will complete a course project designed to strengthen professional practice and extend knowledge related to the specific content of the course. This project is divided into multiple grade activities to be completed throughout the term. Additional learning activities include whole-group and small-group discussions and assessments for a total of 962 points.

Modules	Topics of Modules	Points	Correlations With Course Outcomes
Module 1:	Multiple Intelligences	28	1, 9, 10, 12
Module 2:	MI, the Brain, and Cultivating Learning	58	1, 3, 4, 9, 10, 12
Module 3:	Verbal-Linguistic and Logical-Mathematical Intelligences	134	1, 2, 5, 6, 7, 8, 9, 10, 12
Module 4:	Visual-Spatial and Musical-Rhythmic Intelligences	128	1, 2, 5, 6, 7, 8, 9, 10, 12
Module 5:	Bodily-Kinesthetic and Interpersonal Intelligences	124	1, 2, 5, 6, 7, 8, 9, 10, 11, 12
Module 6:	Intrapersonal and Naturalist Intelligences	118	1, 2, 5, 6, 7, 8, 9, 10, 12
Module 7:	Emotional Intelligence, and Blending MI with Technology	88	1, 2, 5, 6, 7, 8, 9, 10, 11, 12
Module 8:	Teachers, Classroom Environment, and MI Integration	139	1, 2, 5, 6, 7, 8, 9, 10, 11, 12
All:	Course Project	145	1, 2, 3, 9, 10, 12
	Total	962	

Criteria specific to each assessment will be explained in conjunction with the instructional activities.

Instructional Methodology

The instructional methodology of this course focuses on developing, enhancing, and improving the instructional expertise and pedagogical knowledge base of practicing educators. Strategies include presentation of new content through online readings, active construction of knowledge through practice and problem solving, collaborative group work, personal reflection, structured small-group or whole-class discussion, analysis of assigned reading, and the application of course content and skills to participant's individual grade level, subject area(s), and classroom.

Grading Scale

The course facilitator will post the college-specific grading scale.

PLS 3rd Learning's Late Policy

There will be a 10% deduction of points per day for all posts and submitted assignments that are late. Replies posted after the due date will earn no points. In

rare cases, partially or poorly completed assignments may be resubmitted for partial credit at the discretion of the instructor. The following exceptions apply:

- If a participant is sick/hospitalized or has a death in the family, the timing of makeup work may be arranged with the course facilitator. No points will be deducted if the work is completed according to the agreement.
- If a participant is on vacation/traveling/etc., the participant must contact the course facilitator ahead of time to avoid a penalty. This type of absence may occur only once during a course. All posts should be submitted for the missed module before leaving.
- If a participant has difficulty completing everything in a week, an extension can be granted if the participant contacts the facilitator during the week (not at the last minute).

PLS 3rd Learning's Participant Drop Policy

- Participants are eligible to receive a refund if they attend class for one week or less. This means participants must withdraw by the end of Module 1 to receive a refund.
- Refunds of the balance of tuition paid will be given, minus the \$50 deposit.

PLS 3rd Learning's Academic Integrity Policy

PLS 3rd Learning expects absolute academic honesty and integrity from every course participant. The specific Academic Integrity and Honor Code Policies of our partner colleges and universities are embraced and enforced by PLS 3rd Learning instructors. The following are considered to be serious violations:

- Plagiarism: the use of another's ideas, data, or words without proper acknowledgement.
- Fabrication: the use of invented information or the falsification of research or other findings with the intent to deceive.
- Collusion: improper collaboration with another in preparing assignments or projects.
- Cheating: an act of deception by which a student misrepresents that he or she has mastered information on an academic exercise that he or she has not mastered.
- Academic Misconduct: tampering with grades, or taking part in obtaining or distributing any part of student work that is not his or her own.

Violation or suspected violation will be investigated and pursued according to specific college/university procedures.

Identity Authentication

The college/university, PLS 3rd Learning, and students share a joint responsibility to ensure that each student's contribution in an online course activity comes from that student alone. For the student, this responsibility has two parts:

1. Students are responsible for positively ensuring that every contribution to an online course created with the student's computer account is made by the student alone. Contributions covered under this policy include: written assignments; quiz and exam submissions; discussion forum postings; live

participation in text-based chat sessions, phone conferences, and videoconferences. If a student allows another person to write or make any kind of submission to an online activity in the student's name, then this constitutes cheating and will be treated as a violation of academic honesty.

2. Students are responsible for ensuring the integrity of their computer account security by following the actions required of them by the PLS 3rd Learning Acceptable Use Policy. These actions include keeping passcodes private, updating passcodes when required by PLS 3rd Learning, and reporting breaches of the security policy to the IT Helpdesk.

Course Evaluation

The evaluation of learner work will be based on the defined criteria for learner assessments. The criteria for learner assessments will be outlined for students prior to instructional activities and engagement with student learning targets (outcomes). Grading is based solely on the evaluation of student learning targets and defined criteria for learner assessments.

Formative assessment of learning outcomes is conducted throughout the course, using a variety of means that include the following: completion of assessments; constructive contributions to class discussions (whole-class as well as small-group); sharing of valuable, pertinent, and/or applicable ideas and experiences; and active participation in online interactions. It is expected that each participant will contribute to the academic quality of the course.

Summative assessment includes the completion of weekly learning activities and assignments for which the participant will need to synthesize class content, apply it to his or her own practice, and complete a plan for implementing the major components of content and skill acquired during the course.

Alignments to Charlotte Danielson's Framework for Teaching

Each PLS 3rd Learning course is aligned to the components in Charlotte Danielson's **Framework for Teaching**. The alignments for this course are listed below.

DOMAIN 1: PLANNING AND PREPARATION

- 1B. Demonstrating Knowledge of Students
- 1D. Demonstrating Knowledge of Resources
- 1E. Designing Coherent Instruction
- 1F. Designing Student Assessments

DOMAIN 2: THE CLASSROOM ENVIRONMENT

- 2A. Creating an Environment of Respect and Rapport
- 2B. Establishing a Culture for Learning

DOMAIN 3: INSTRUCTION

- 3A. Communicating with Students
- 3B. Using Questioning and Discussion Techniques
- 3C. Engaging Students in Learning
- 3D. Using Assessment in Instruction
- 3E. Demonstrating Flexibility and Responsiveness

DOMAIN 4: PROFESSIONAL RESPONSIBILITIES

- 4A. Reflecting on Teaching
- 4D. Participating in a Professional Community
- 4E. Growing and Developing Professionally
- 4F. Showing Professionalism

Course Outcome Correlations With Model Core Teaching Standards (InTASC)

Course Outcomes

Standard 1: Learner Development

The teacher understands how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.

**1, 2, 3, 4, 5, 6, 7,
8, 11, 12**

Standard 2: Learning Differences

The teacher uses understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.

**1, 2, 3, 4, 5, 6, 7,
8, 11, 12**

Standard 3: Learning Environments

The teacher works with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self motivation.

**1, 2, 3, 4, 5, 6, 7,
8, 11, 12**

Standard 4: Content Knowledge

The teacher understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make these aspects of the discipline accessible and meaningful for learners to assure mastery of the content.

**1, 2, 3, 4, 5, 6, 7,
8, 11, 12**

Standard 5: Application of Content

The teacher understands how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.

**1, 2, 3, 4, 5, 6, 7,
8, 11, 12**

Standard 6: Assessment

The teacher understands and uses multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.

**1, 2, 3, 4, 5, 6, 7,
8, 9, 10, 11, 12**

Standard 7: Planning for Instruction

The teacher plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.

**1, 2, 3, 4, 5, 6, 7,
8, 10, 11, 12**

Standard 8: Instructional Strategies

The teacher understands and uses a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.

**1, 2, 6, 7, 8, 11,
12**

Standard 9: Professional Learning and Ethical Practice

The teacher engages in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.

**2, 3, 4, 5, 6, 7, 8,
9, 11, 12**

Standard 10: Leadership and Collaboration

The teacher seeks appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

**2, 3, 4, 5, 6, 7, 8,
9, 10, 11, 12**

The Interstate New Teacher Assessment and Support Consortium (InTASC) standards were developed by the Council of the Chief State School Officers and member states. Copies may be downloaded from the Council's website at <http://www.ccsso.org/intasc>

Council of Chief State School Officers. (2011, April). Interstate Teacher Assessment and Support Consortium (InTASC) Model Core Teaching Standards: A Resource for State Dialogue. Washington, DC: Author.

http://www.ccsso.org/Documents/2011/InTASC_Model_Core_Teaching_Standards_2011.pdf

Course Outcome Correlations With National Board for Professional Teaching Standards (NBPTS) Five Core Propositions

Proposition 1: Teachers are Committed to Students and Their Learning.

Course Outcomes

NBCTs are dedicated to making knowledge accessible to all students. They believe all students can learn.

1, 2, 3, 4, 6, 7, 8, 11, 12

They treat students equitably. They recognize the individual differences that distinguish their students from one another and they take account for these differences in their practice.

1, 2, 3, 4, 6, 7, 8, 10, 11, 12

NBCTs understand how students develop and learn.

1, 2, 3, 4, 6, 7, 8, 11, 12

They respect the cultural and family differences students bring to their classroom.

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12

They are concerned with their students' self-concept, their motivation and the effects of learning on peer relationships.

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

NBCTs are also concerned with the development of character and civic responsibility.

1, 3, 4, 5, 6, 7, 8, 10, 12

Proposition 2: Teachers Know the Subjects They Teach and How to Teach Those Subjects to Students.

NBCTs have mastery over the subject(s) they teach. They have a deep understanding of the history, structure and real-world applications of the subject.

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12

They have skill and experience in teaching it, and they are very familiar with the skills gaps and preconceptions students may bring to the subject.

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12

They are able to use diverse instructional strategies to teach for understanding.

1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12

Proposition 3: Teachers are Responsible for Managing and Monitoring Student Learning.

NBCTs deliver effective instruction. They move fluently through a range of instructional techniques, keeping students motivated, engaged and focused.

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

They know how to engage students to ensure a disciplined learning environment, and how to organize instruction to meet instructional goals.

**1, 2, 3, 4, 5, 6, 7, 8, 9,
10, 11, 12**

NBCTs know how to assess the progress of individual students as well as the class as a whole.

**1, 2, 3, 4, 5, 6, 7, 8, 9,
10, 11, 12**

They use multiple methods for measuring student growth and understanding, and they can clearly explain student performance to parents.

**1, 2, 3, 4, 5, 6, 7, 8, 9,
10, 11, 12**

Proposition 4: Teachers Think Systematically about Their Practice and Learn from Experience.

NBCTs model what it means to be an educated person – they read, they question, they create and they are willing to try new things.

**1, 2, 3, 4, 5, 6, 7, 8, 9,
10, 11, 12**

They are familiar with learning theories and instructional strategies and stay abreast of current issues in American education.

**1, 2, 3, 4, 5, 6, 7, 8, 9,
10, 11, 12**

They critically examine their practice on a regular basis to deepen knowledge, expand their repertoire of skills, and incorporate new findings into their practice.

**1, 2, 3, 4, 5, 6, 7, 8, 9,
10, 11, 12**

Proposition 5: Teachers are Members of Learning Communities.

NBCTs collaborate with others to improve student learning.

**1, 3, 4, 5, 6, 7, 8, 9, 10,
12**

They are leaders and actively know how to seek and build partnerships with community groups and businesses.

9, 10, 12

They work with other professionals on instructional policy, curriculum development and staff development.

5, 6, 7, 9, 10, 12

They can evaluate school progress and the allocation of resources in order to meet state and local education objectives.

1, 4, 5, 6, 7, 8, 10, 11, 12

They know how to work collaboratively with parents to engage them productively in the work of the school.

1, 3, 5, 6, 7, 8, 10, 12

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