

Framework for Instructional Design for Pennsylvania Educators Only

EDUO 9391 3 Graduate-Level Credits/Units

Instructor – Robin Seneta

rseneta@dominicancaonline.com

Course Overview

Enhance your instructional effectiveness by fostering a dynamic and inclusive learning environment by leveraging technology, differentiating instruction and exploring a variety of engaging ways to assess student learning.

Course Learning Objectives: In this course, participants will complete the following objectives:

- Curate a comprehensive set of instructional materials tailored to the curriculum and accessible to all students with differentiation for diverse learning needs.
- Develop technology integrated materials to enhance instructional delivery and classroom engagement.
- Design formative and summative assessments, along with feedback systems that provide meaningful, timely, and feedback to support student growth.
- Create a positive learning environment by structuring management strategies, including routines and procedures that promote emotional well being and foster a sense of community.

National Board for Professional Teaching Standards (NBPTS)

- Proposition 1: Teachers are committed to students and their learning.
- Proposition 2: Teachers know the subjects they teach and how to teach those subjects to students.
- Proposition 3: Teachers are responsible for managing and monitoring student learning.
- Proposition 4: Teachers think systematically about their practice and learn from experience.
- Proposition 5: Teachers are members of learning communities.

MODULE ONE:

OBJECTIVE: Curriculum Enhancement

- Revise and update curriculum plans to align with current standards and facilitate all learning for students' needs, incorporating new content, interdisciplinary connections, and differentiated instruction strategies.
- Differentiate a comprehensive curriculum that aligns with district standards and incorporates differentiated instruction to meet diverse student needs.
- Integrate interdisciplinary themes and real-world applications into the curriculum to enhance student engagement.

ASSIGNMENT: Complete a comprehensive slideshow that contains the following information

1. Introduction slide with the objectives that you completed from this module. You may choose 1 of the objectives to complete or do a combination of these objectives.

2. Evidence of Curriculum Enhancement

- a. Provide clear documentation of your work using a combination of:
- i. **Tangible artifacts** (e.g., lesson plans, revised curriculum documents).
 - ii. **Reflective documentation** (e.g., annotations explaining changes made).
 - iii. **Observable outcomes** (e.g., implementation strategies, classroom integration plans).
- b. Evidence can be presented through:
- i. Include links to public folders or online repositories with your curriculum updates.
 - ii. Embed photographs that capture the materials or work you have completed.
 - iii. Directly upload revised documents where applicable.

3. **Reflection:** Write a reflection analyzing the outcome of this work and its potential impact on your classroom. Additionally, provide a breakdown of how your time was spent on this category, detailing the work completed. Be sure to include the date, objective, activity description, and time spent for each task. Be sure to address the following:
- a. **Effectiveness:** How well did the curriculum revisions align with district standards and support diverse learners?
 - b. **Strengths:** What aspects of the revisions were particularly successful in enhancing student engagement and learning?
 - c. **Areas for Improvement:** What challenges did you encounter, and what refinements could be made in the future?
 - d. **Classroom Impact:** How do you anticipate these changes will benefit student learning and instructional effectiveness?

ASSESSMENT: Submit your Slideshow or PDF of your slideshow

MODULE TWO

OBJECTIVE: Instructional Materials Development:

- Curate a comprehensive set of instructional materials, including worksheets, multimedia resources, and manipulatives, that are tailored to the curriculum and accessible to all students.
- Create a collection of manipulatives and hands-on learning tools that support kinesthetic learning and help students grasp complex concepts.

ASSIGNMENT: Complete a comprehensive slideshow that contains the following information

1. Introduction slide with the objectives that you completed from this module. You may choose 1 of the objectives to complete or do a combination of these objectives.

2. Evidence of Instructional Materials Development

a. Provide clear documentation of your work using a combination of:

- i. **Tangible artifacts** (Include examples such as lesson plans, revised curriculum documents, multimedia resources, or any hands-on tools you developed.).

- ii. **Reflective documentation** (e.g., annotations explaining changes made).

- iii. **Observable outcomes** (e.g., implementation strategies, classroom integration plans).

Evidence can be presented through:

- i. Share links to public folders containing your curriculum updates or instructional material resources.
- ii. Embed photographs that showcase your materials or work completed.
- iii. Directly upload revised documents where applicable.
- iv. Reflection:

3. **Reflection:** Write a reflection analyzing the outcome of this work and its potential impact on your classroom.

Additionally, provide a breakdown of how your time was spent on this category, detailing the work completed. Be sure to include the date, objective, activity description, and time spent for each task. Be sure to address the following:

- a. **Effectiveness:** How well do your instructional materials align with district standards and support diverse learners?
- b. **Strengths:** What aspects of the revisions were particularly successful in enhancing student engagement and learning?
- c. **Areas for Improvement:** What challenges did you encounter, and what refinements could be made in the future?
- d. **Classroom Impact:** How do you anticipate these changes will benefit student learning and instructional effectiveness?

ASSIGNMENT: Complete a comprehensive slideshow that contains the following information

MODULE THREE

OBJECTIVE: TECHNOLOGY INTEGRATION

- Evaluate classroom technology, including software, hardware, and educational apps, to enhance student learning and streamline instructional practices.
- Develop a plan for integrating technology into daily lessons, with an emphasis on fostering digital literacy and responsible use among students.
- Create multimedia content, such as slideshows, videos, educational apps, and interactive lessons, to enhance instructional delivery.

ASSIGNMENT: Complete a comprehensive slideshow that contains the following information

1. Introduction slide with the objectives that you completed from this module. You may choose 1 of the objectives to complete or do a combination of these objectives.

2. Evidence of Technology Integration

- a. Provide clear documentation of your work using a combination of:
 - i. **Digital artifacts** (Include examples such as digital lesson plans, interactive curriculum documents, online assessments, or multimedia resources that utilize technology.).
 - ii. **Reflective documentation** (Offer annotations or written explanations that detail the technological tools and strategies you implemented, and the reasons behind your choices).
 - iii. **Observable outcomes** (Describe the strategies used to integrate technology into your classroom, such as online collaboration platforms, virtual learning environments, or digital formative assessments).
- b. Evidence can be presented through:
 - i. Provide links to public folders or cloud-based repositories that house your technology-enhanced curriculum updates.
 - ii. Embed screenshots or photographs showcasing digital resources or the technology in action.
 - iii. Directly upload revised digital documents where applicable.

3. **Reflection:** Write a reflection analyzing the outcome of this work and its potential impact on your classroom. Additionally, provide a breakdown of how your time was spent on this category, detailing the work completed. Be sure to include the date, objective, activity description, and time spent for each task. Be sure to address the

following:

- a. **Effectiveness:** How well do your technology integration align with district standards and support diverse learners?
- b. **Strengths:** Which aspects of your digital resources or technology integration have been particularly effective in enhancing student engagement and learning?
- c. **Areas for Improvement:** What challenges did you encounter while integrating technology, and what refinements could be made for future initiatives?
- d. **Classroom Impact:** How do you anticipate these technology-driven changes will benefit student learning and instructional effectiveness?

ASSESSMENT: Submit your Slideshow or PDF of your slideshow

CHOOSE ONE TRACK MODULE **FOUR (TRACK ONE):**

OBJECTIVE: ASSESSMENT AND FEEDBACK STRATEGIES

- Design a variety of formative and summative assessments, along with a feedback system that provides meaningful, timely, and constructive feedback to support student growth.
- Explore innovative assessment methods, such as project-based learning, portfolios, and peer assessments, to diversify evaluation approaches.

ASSIGNMENT: Complete a comprehensive slideshow that contains the following information

1. Introduction slide with the objectives that you completed from this module. You may choose 1 of the objectives to complete or do a combination of these objectives.

2. Evidence of Assessment and Feedback Strategies

a. Provide clear documentation of your work using a combination of:

- i. **Tangible artifacts** (Include examples such as revised lesson plans incorporating formative and summative assessments, rubrics, digital or paper-based assessment tools, and examples of feedback provided to students.)
- ii. **Reflective documentation** (Offer annotations or written explanations detailing the assessment methods and feedback strategies you implemented, including your rationale and any modifications made).
- iii. **Observable outcomes** (Describe the implementation strategies used in your classroom. This might include methods for analyzing assessment data, techniques for providing timely feedback, and ways you have adjusted instruction based on assessment outcomes). b. Evidence can be presented through:
 - i. Provide links to public folders or cloud-based repositories where your assessment tools and feedback samples are stored.
 - ii. Embed screenshots or photographs that capture examples of your assessment materials or feedback sessions.
 - iii. Directly upload revised documents or digital artifacts where applicable.

3. **Reflection:** Write a reflection analyzing the outcome of this work and its potential impact on your classroom.

Additionally, provide a breakdown of how your time was spent on this category, detailing the work completed. Be sure to include the date, objective, activity description, and time spent for each task. Be sure to address the following:

- a. **Effectiveness:** How well do your assessment and feedback strategies align with district standards and support the diverse learning needs of your students?
- b. **Strengths:** What aspects of your assessment methods and feedback practices have proven particularly effective in enhancing student engagement and learning?
- c. **Areas for Improvement:** Identify any challenges you encountered and suggest potential refinements for future iterations.
- d. **Classroom Impact:** Explain how you anticipate these strategies will benefit student learning and contribute to overall instructional effectiveness.

ASSESSMENT: Submit your Slideshow or PDF of your slideshow

CHOOSE ONE TRACK

MODULE FOUR (TRACK TWO):

OBJECTIVE: CLASSROOM MANAGEMENT PLANNING AND DESIGNING

- Develop and refine classroom management strategies, including routines, procedures, and behavior management plans, to create a structured and positive learning environment.
- Design and organize a classroom layout that maximizes student engagement, supports diverse learning styles, and creates a welcoming, inclusive atmosphere for all students

ASSIGNMENT: Complete a comprehensive slideshow that contains the following information

1. Introduction slide with the objectives that you completed from this module. You may choose 1 of the objectives to complete or do a combination of these objectives.

2. Evidence of Classroom Management Planning and Designing

- a. Provide clear documentation of your work using a combination of:
- Tangible artifacts** (Include examples such as classroom management plans, revised behavior or discipline procedures, seating charts, or visual aids that support your management strategy).
 - Reflective documentation** (Offer annotations or written explanations that detail the rationale behind your management strategies and any modifications made to support your classroom environment).
 - Observable outcomes** (Describe the implementation strategies you have planned, such as routines, communication protocols, and ways to promote a positive classroom climate. Include details on how these strategies will be integrated into daily classroom activities).
- b. Evidence can be presented through:
- Provide links to public folders or digital repositories where your management plans and supporting materials are stored.
 - Embed photographs or screenshots that showcase your classroom setup or management materials in action.
 - Directly upload revised documents or digital artifacts where applicable.

3. **Reflection:** Write a reflection analyzing the outcome of this work and its potential impact on your classroom. Additionally, provide a breakdown of how your time was spent on this category, detailing the work completed. Be sure to include the date, objective, activity description, and time spent for each task. Be sure to address the following:
- Effectiveness:** How well do your classroom management plans align with school policies and support the diverse needs of your students?
 - Strengths:** Identify which aspects of your management strategies have the potential to create a positive and engaging classroom atmosphere.
 - Areas for Improvement:** Discuss any challenges encountered during the planning process and suggest possible refinements for future iterations.
 - Classroom Impact:** Explain how you anticipate these classroom management strategies will improve student behavior, engagement, and overall instructional effectiveness.

ASSESSMENT: Submit your Slideshow or PDF of your slideshow

CHOOSE ONE TRACK

MODULE FOUR (TRACK THREE):

OBJECTIVE: CLASSROOM COMMUNITY BUILDING AND SEL

- Develop strategies for fostering a positive classroom culture, including creating a welcoming first-day experience and establishing clear classroom expectations.
- Plan activities and routines that build relationships and encourage a sense of community among students from the outset of the school year.
- Integrate social-emotional learning into daily instruction, including activities that promote self-awareness, self-management, social awareness, relationship skills, and responsible decision-making.
- Create a classroom environment that supports students' emotional well-being and helps them develop

resilience, empathy, and effective communication skills.

ASSIGNMENT: Complete a comprehensive slideshow that contains the following information

- Introduction slide with the objectives that you completed from this module. You may choose 1 of the objectives to complete or do a combination of these objectives.

2. Evidence of Classroom community building and SEL

- a. Provide clear documentation of your work using a combination of:
 - i. **Tangible artifacts** (Include examples such as lesson plans, activity guides, classroom discussion prompts, community circle agendas, or mindfulness and SEL exercise plans.).
 - ii. **Reflective documentation** (Offer annotations or written explanations detailing the rationale behind your strategies, the changes made, and how these initiatives promote a supportive classroom environment).
 - iii. **Observable outcomes** (Describe the implementation strategies you have planned or executed—such as cooperative learning activities, classroom rituals, or community agreements—that foster a sense of belonging and support students' social and emotional well-being).
- b. Evidence can be presented through:
 - i. Provide links to public folders or digital repositories where your community-building and SEL resources are stored.
 - ii. Embed photographs or screenshots showcasing your classroom activities, community events, or SEL initiatives in action.
 - iii. Directly upload revised documents or digital artifacts where applicable.

3. **Reflection:** Write a reflection analyzing the outcome of this work and its potential impact on your classroom. Additionally, provide a breakdown of how your time was spent on this category, detailing the work completed. Be sure to include the date, objective, activity description, and time spent for each task. Be sure to address the following:
- a. **Effectiveness:** How well do your community building and SEL strategies align with district or school standards and support the diverse emotional and social needs of your students?
 - b. **Strengths:** What aspects of your initiatives have been particularly successful in enhancing classroom cohesion, empathy, and student well-being?
 - c. **Areas for Improvement:** Identify any challenges encountered and suggest refinements or additional strategies for future practice.
 - d. **Classroom Impact:** Explain how you anticipate these community building and SEL strategies will benefit the overall classroom environment and improve student engagement and success.

ASSESSMENT: Submit your Slideshow or PDF of your slideshow

MODULE FIVE

OBJECTIVE: PROFESSIONAL LEARNING AND NETWORKING

- Engage in targeted professional learning through podcasts or webinars that focus on the latest educational trends, pedagogy, learning tools and classroom practices.
- Explore opportunities for networking with other educators through social media, online forums, and educational conferences to stay connected and informed.
- Engage in reflective practice by documenting your experiences, insights, and outcomes from implementing these objectives. Share your reflections and ideas for continuous improvement and professional learning, staying informed about the latest educational trends and best practices through targeted professional learning opportunities

ASSIGNMENT: Complete a comprehensive slideshow that contains the following information

- 1. Introduction slide with the objectives that you completed from this module. You may choose 1 of the objectives to complete or do a combination of these objectives.

2. Evidence of Professional Learning and Networking

- a. Provide clear documentation of your work using a combination of:
 - i. **Tangible artifacts** (Include examples such as posts from social media groups, digital badges, notes from webinars, or records of collaborative projects and networking events.).
 - ii. **Reflective documentation** (Offer annotations or written explanations detailing the professional learning opportunities you pursued and the networking strategies you employed. Explain how these initiatives have contributed to your growth and improved your instructional practices).
 - iii. **Observable outcomes** (Describe the implementation strategies or collaborative efforts that have emerged from your professional learning. This might include how you have shared new ideas with colleagues, integrated innovative practices into your classroom, or contributed to a professional learning community).
- b. Evidence can be presented through:
 - i. Provide links to public folders or digital repositories where your professional learning resources and networking materials are stored.
 - ii. Embed screenshots or photographs that capture your participation in professional development events, online forums, or networking gatherings.
 - iii. Directly upload revised documents or digital artifacts where applicable.

3. **Reflection:** Write a reflection analyzing the outcome of this work and its potential impact on your classroom. Additionally, provide a breakdown of how your time was spent on this category, detailing the work completed. Be sure to include the date, objective, activity description, and time spent for each task. Be sure to address the following:
- a. **Effectiveness:** How well do your professional learning and networking activities align with your career goals and the broader objectives of your district or school?
 - b. **Strengths:** Identify which aspects of your professional development and networking efforts have been particularly effective in enhancing your instructional practices and expanding your collaborative network.
 - c. **Areas for Improvement:** Discuss any challenges you encountered and propose potential refinements or additional strategies to further enhance your professional growth.
 - d. **Impact on Practice:** Explain how you anticipate these professional learning and networking experiences will benefit your classroom instruction, leadership, and overall contribution to your school community.

ASSESSMENT: Submit your Slideshow or PDF of your slideshow

Course Materials:

The following are a list of suggested resources that could be used to supplement some of the research in these topics:

Curriculum Alignment and Development:

- *Atlas:* A curriculum management system that helps educators develop, review, refine, analyze, and share standards-aligned curriculum and lessons.
onatlas.com

Differentiated Instructional Materials:

- *Diffit:* An AI tool that assists teachers in creating tailored instructional materials, ensuring accessibility for all students.
web.diffit.me

Technology Integration:

- *Eduaide.Ai:* An AI-powered teaching workspace that helps educators create, adapt, and refine their instructional materials, enhancing classroom engagement.
eduaide.ai

Assessment Design and Feedback Systems:

- *Curriculum Works:* Provides tools to easily create standards-aligned K-12 lessons and units, along with a resource library of vetted lessons and educational resources.
curriculumworks.org

Classroom Management Strategies:

- *Learning A-Z:* Offers thousands of differentiated instruction resources to support various learning styles, aiding in effective classroom management.

Professional Networking and Development:

- *Edutopia*: A platform offering articles, videos, and discussions on the latest educational trends, pedagogy, learning tools, and classroom practice

RUBRIC FOR EACH MODULE:

	Exemplary (4)	Proficient (3)	Developing (2)	Beginning (1)
Objective Completion	Thoroughly addresses selected objectives within each of the modules.	Adequately addresses selected objectives within each of the modules.	Partially addresses selected objectives within each of the modules.	Fails to address selected objectives, within each of the modules.
Evidence Presentation	Provides extensive evidence of completed objectives through a diverse array of tangible artifacts, reflective documentation, and observable outcomes, effectively linked or displayed within the presentation.	Presents sufficient evidence of completed objectives through tangible artifacts and reflective documentation, adequately linked or displayed within the presentation.	Offers limited evidence of completed objectives, with few artifacts or documentation, and minimal linkage or display within the presentation.	Provides little to no evidence of completed objectives, lacking artifacts, documentation, or observable outcomes within the presentation.
Time Spent Breakdown	Clearly details the 10-hour time investment with a comprehensive breakdown, including specific dates, objectives, detailed activity descriptions, and exact time spent on each task.	Provides a clear breakdown of the 10-hour time investment, including dates, objectives, activity descriptions, and time spent on each task.	Offers a partial breakdown of the 10-hour time investment, with some dates, objectives, activity descriptions, and time allocations, but lacks detail.	Lacks a clear breakdown of the 10-hour time investment, with missing or vague dates, objectives, activity descriptions, and time allocations.
Reflection Quality	Delivers a thoughtful and insightful reflection, thoroughly analyzing the effectiveness of the work completed and articulating specific ways it will enhance classroom practice.	Provides a clear reflection, analyzing the effectiveness of the work completed and explaining how it will enhance classroom practice.	Offers a basic reflection with limited analysis of the work's effectiveness and minimal explanation of its impact on classroom practice.	Provides a superficial or missing reflection, lacking analysis of the work's effectiveness and failing to explain its impact on classroom practice.

Presentation Organization	Organizes the slideshow in a logical, coherent manner with a clear introduction, well-structured content, and a concise conclusion, utilizing effective design elements to enhance readability and engagement.	Structures the slideshow coherently with a clear introduction, organized content, and a conclusion, using design elements that support readability and engagement.	Displays a basic structure in the slideshow with an introduction, content, and conclusion, but lacks coherence or effective design elements, affecting readability and engagement.	Presents a disorganized slideshow lacking a clear introduction, coherent content, or conclusion, with poor design elements that hinder readability and engagement.
----------------------------------	--	--	--	--

Scoring Guide:

- **Exemplary (4):** 18–20 points
- **Proficient (3):** 14–17 points
- **Developing (2):** 10–13 points
- **Beginning (1):** 5–9 points

Total Possible Points: 20