

**MOLLOY UNIVERSITY**  
**School of Education and Human Services**  
**Teacher Education Department**

EDU 5900 64

Exploring the New York State Next Generation Middle School Math Standards

Summer 2026

Synchronous Online Course

July 13<sup>th</sup> through July 16<sup>th</sup>

Instructor: Deanna Pisciotta

Email: To be determined

Course Description:

This course is designed to help 7<sup>th</sup> and 8<sup>th</sup> grade middle school math teachers to understand and interpret the New York State Next Generation Standards. The course will review all the standards for each grade level including pre-requisites that the students should understand from previous years. This course will allow you to create lesson plans on certain topics and understand how a unit plan should be completed. We will review certain topics that children struggle with and teach methods that will help the students to understand the material effectively. Participants will use the knowledge gained in this course to create a course outline for their grade level.

Shared Vision:

The Molloy University Teacher Education Faculty has derived its vision for the exemplary teacher from the University's mission statement, the four pillars of the Dominican Tradition, comments and input from the Professional Education Unit's Advisory Board and degree candidates as well as numerous faculty discussions rooted in the department's knowledge base which undergirds the initial and advanced programs' curriculum, pedagogy, and values.

The teaching professionals who complete Molloy's teacher preparation programs are distinguished by their ability to exemplify and promote core values in their own teaching. These values include:

- Belief that all children can learn
- Learner-centered and value-centered curriculum and pedagogy
- Ethics and spirituality
- Intellectual curiosity
- Independence and risk-taking, while promoting collective identity and responsibility
- Diversity, multiculturalism, and pluralism, including divergent thinking
- Passion for teaching
- Commitment to students and their communities
- Civic responsibility through the promotion of social justice and interdependence
- Commitment to democracy

#### Course Objectives:

By the end of this course, participants will be able to:

- Navigate through the New York State Next Generation standards
- Have a deep understanding of the 7<sup>th</sup> and 8<sup>th</sup> grade math curriculum
- Understand the connection between grade levels
- Determine the prior knowledge topics the students will need to know before beginning a topic.
- Create units of study to plan out a year

#### Course format:

- This course will be offered online through Canvas, Molloy's learning management system. The course will open two days before the start date and close one week after the last day of class. This section is offered July 13<sup>th</sup> through July 16<sup>th</sup>. There will be daily activities and discussions that must be completed at the end of each day. The final project will be due Friday, July 17<sup>th</sup> by 10 pm.

## **Required Readings, Videos, and Other Materials:**

- All materials will be provided throughout the course.

## Grading:

- 70% Module Assignments
- 10% Group Discussions
- 20% Final Project

## Technical Support:

- *Canvas Support* is accessed through the HELP feature in the lower left hand corner of Canvas. You can either call Canvas at (844) 408-6455 or use the online chat feature. Both services are available 24 hours, 7 days a week.
- *Technology Support Services* is located in Kellenberg 022 and can be reached via phone: 516-323-4800, email: [helpdesk@molloy.edu/tss](mailto:helpdesk@molloy.edu/tss)  
Technology services is also located on the second floor of Public Square and can be reached at 516-323-4817, or email [slewis2@molloy.edu](mailto:slewis2@molloy.edu)  
Check their website for hours: <https://www.molloy.edu/tss>
- Check within the modules for FAQ for each of the technology tools being used.

## **Molloy University and School of Education and Human Services Policies and Supports:**

### **Expectations of Academic Integrity for All Students**

[Honor Pledge and Academic Honesty Policy](#)

### **Course Withdrawals**

View the [Withdrawal Policy](#) for potential financial implications.

View the [Academic Calendar](#) and/or the course syllabus for the last day to withdraw dates.

### **Incompletes**

[Incompletes Policy](#)

## **Health and Wellness**

[Student Health Services](#)

[Student Counseling Center \(SCC\)](#)

## **Center for Access and Disability (Access)**

[Supportive Tools and Resources/ Ally](#)

## **Ally for Canvas**

[Supportive Tools and Resources/ Ally](#)

## **Use of Proctorio for Exams/Quizzes (if applicable)**

[Proctorio Resources for Students](#)

## **Email Accounts**

Students are expected to communicate via their Molloy email account or through Canvas throughout the semester. Those who use a non-Molloy account may miss important messages. Students are responsible for responding to all forms of communication related to this course in a timely manner. Instructors will respond to emails from students within 24 hours. When emailing the instructor(s), please include the course number and section you are enrolled in.

## **APA Manuscript Style**

All manuscripts in the field of education are written in the style format of the American Psychological Association. Candidates in the Graduate Education Programs are required to purchase the Publication Manual of the American Psychological Association (7<sup>th</sup> ed.). (2010). American Psychological Association.

All papers written in every course must adhere to the manuscript prescriptions defined in

I look forward to working with you during this course. If you have any questions or concerns, please email me.

Dates and Times to Remember

### **Exploring the New York State Next Generation Middle School Math Standards**

**July 13 through July 16**

**Molloy University**

**Deanna Pisciotta**

**Email address to be determine**

*Assignments:*

*You will be required to attend two zoom meetings for this course. The first meeting will be Monday, July 13<sup>th</sup> from 6:30-7:30 pm and the second meeting will be Tuesday, July 14<sup>th</sup> from 6:30-7:30 pm. During this time we will discuss the standards and have a conversation of topics students struggle with. You will have assignments due daily. Please refer to the information below for due dates. Your final project will be due by Friday, July 17<sup>th</sup> at 10pm. Please make sure all work is submitted by the appropriate times.*

Day	Assignment	Due
1- Monday, July 13 <sup>th</sup>	<b>Module A: Introduction to the class.</b>  <b>Module B: Attend live session</b>  <b>Module C: Link to the online 7<sup>th</sup> grade New York State Standard link- we will discuss first half today</b>  <b>Module D: Article on Understanding the standards</b>	Introduction due by 9pm  Live session reflection due by 9pm    Answer the questions related to article by 9pm

2-Tuesday, July 14 <sup>th</sup>	<p><b>Module A: Attend Live Session</b></p> <p><b>Module B: Discussion Board on commonly mistaken topics</b></p> <p><b>Module C: Submit Course outline for 7<sup>th</sup> grade Incorporate unit plans- we will discuss second half today</b></p>	<p>Live session reflection due by 9pm</p> <p>Discussion board response due by 9pm</p> <p>7<sup>th</sup> grade course outline rough draft due by 10pm</p>
Day 3- Wednesday, July 15 <sup>th</sup>	<p><b>Module A: Link to 8<sup>th</sup> grade New York State Standards link- We will discuss first half today</b></p> <p><b>Module B: Discussion board on commonly mistaken topics.</b></p> <p><b>Module C: Respond to commonly mistaken topics presentation</b></p>	<p>8<sup>th</sup> grade curriculum due by 9 pm</p> <p>Discussion board response due by 9 pm</p> <p>Response due by 9pm</p>
Day 4: Thursday, July 16 <sup>th</sup>	<p><b>Module A: Discussion board on 8<sup>th</sup> grade standards</b></p> <p><b>Module B : 8<sup>th</sup> grade course outline rough draft</b></p> <p><b>Final Project</b></p>	<p>Discussion board response due by 9 pm</p> <p>8<sup>th</sup> grade course outline due by 9pm</p> <p>Final project due by Friday, July 17<sup>th</sup> by 10 pm</p>