

James Webb Telescope



Credit: NASA

Acknowledgement: NASA SD Space Grant Consortium provided funding for this project.



Do you want to instill in your middle/high school students the desire and motivation to learn and understand the mathematics they need to pursue more coursework in science and engineering?

Online workshop for Middle and High School Math and Science Teachers

GES 692: Computational Astronomy- A Universe of Calculations

- The course starting September 10, 2022, will be offered via Zoom on six Saturdays: September 10, September 24, October 8, October 22, November 5, and November 19, 2022, at 9am – 12 pm Mountain Time (11 am – 2pm Eastern Time, 10 am – 1pm Central Time, and 8 am – 11am Pacific Time).
- Maximum of 20 participants (first come, first served).
- Earn one graduate credit, with 20 hours participation during the workshop.
- The tuition for the workshop is \$40.

Description: Teacher-participants will learn about math applications used in astronomy and space exploration, with the goal of being able to use the knowledge in their own classrooms. Through carefully selected material, the workshop will emphasize the connections between mathematics and space science. Lesson plans for the middle and high school classroom will be developed for courses such as math, physical science, and biology.

Registration: <https://www.sdsmt.edu/ComputationalAstronomy/>

For more information contact:

Dr. Donna Kliche: Donna.Kliche@sdsmt.edu

Dr. Martha Garlick: Martha.Garlick@sdsmt.edu