

## 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 January 22, 2022, will be offered via Zoom on six Saturdays: January 22, February 5<sup>th</sup>, February 19, March 5, March 19, and April 2, 2022, at 9am to 12 pm Mountain Time (11 am – 2pm Eastern Time, 10 am – 1pm Central Time, and 8 am – 11am Pacific Time).
- Maximum of 15 participants (first come, first served).
- Earn one graduate credit, with 20 hours participation during the workshop.
- The \$40 tuition for the workshop is paid by our grant.

**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:**

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