

**Math 2890: High Performance Computing in Mathematics
Honors Add-On class
Course call number: 69518**

Professor: Dana Brunson

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Office Hours: Open door and by appointment.

HPCC Program Coordinator: Phillip Doehle

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Meetings: Tuesdays 3:30-4:45, MSCS 514

Online environment: Github repository (<https://github.com/HPC-classes/2017-fall>)

Overview: This one credit hour course will provide students with an introduction to the use and value of High Performance Computing in scientific research. Students will learn the key issues in supercomputing while learning to use OSU's supercomputer Cowboy.

Prerequisites: Concurrent enrollment in a Mathematics course.

Syllabus Attachment: Please read the OSU syllabus attachment

(<https://academicaffairs.okstate.edu/sites/default/files/Fall%202017%20Syllabus%20Attachment.pdf>) . This has a lot of important information, including instructions about disability accommodations. Please contact me privately during the first week of the course if you need accommodations as a result of a disability.

Grading: Your grade will be based on weekly assignments and participation (attendance), as follows:

- Weekly assignments: 75%
- Participation (attendance): 25%

Grading scale:

- 90% or above - A
- 80-89% - B
- 70-79% - C
- 60-69% - D
- 60% or lower - F