

**Emerging Scholars Program (ESP) workshop for Introduction to Advanced Mathematics**  
MATH 294 - Fall 2018

Tuesdays 12 pm - 1:50 pm (section 23407)  
Thursdays 12 pm - 1:50 pm (section 25803)  
Stevenson Hall 120

- **Instructor:** Jānis Lazovskis, SEO 522  
**Office Hours:** Tuesdays & Thursdays 2:00 pm - 3:00 pm in the Math & Sciences Learning Center, SES 3rd floor  
**Website:** [math.uic.edu/~jlv/m294/](http://math.uic.edu/~jlv/m294/)  
**Email:** [jlazov2@uic.edu](mailto:jlazov2@uic.edu)

- **Catalog Description:** Intensive math workshop for students enrolled in MATH 215. Students work together in groups to solve challenging problems.

- **Description:** This course complements MATH 215, but goes beyond the material and focuses on how to solve problems rather than on just getting the right solution. The questions will be more advanced and conceptual than in MATH 215. We will be working collaboratively in groups, completing worksheets based on course material.

Before each class, the day's worksheet will be available online on the course website (see above). I will hand out physical copies of the worksheet each class, but you may bring your own copy as well.

- **Grades:** You will be assigned a letter grade in this class based on attendance. Excused absences do not count against your attendance. "Excused" means you have emailed me before the start of class with a reason for missing the class.
  - If you have at most two unexcused absences, you will get an A.
  - If you have three unexcused absences, you will get a B.
  - If you have four unexcused absences, you will get a C.
  - If you have five unexcused absences, you will get a D.
  - If you have six or more unexcused absences, you will get an F.

Attendance will be kept track of by a checklist about 15 or 20 minutes into every class. Please keep track of your own attendance as well.

- **MATH 215:** You should be signed up for the MATH 215 lecture. MATH 294 will help you master the material, and students in ESP workshops historically have done better in the associated course. This workshop is **not a substitute** for your lecture.

- **The Math & Sciences Learning Center:** (aka MSLC) Located on the 3rd floor of SES, this is an excellent place to get help with your homework and individual tutoring. It is staffed by math graduate students and some advanced undergraduates who are always happy to help you with the easiest or toughest questions you care to ask. Check your favorite tutor/TA's MSLC schedule at <https://mslc.uic.edu/> later this week. Tutoring begins next week and continues through the end of finals week.

- **ESP tips:** ESP is all about talking to each other about math. It can be hard to do this without prior practice; here are some sample things to say that might help start the conversations:

- Why did you \_\_\_\_\_?
- I think what \_\_\_\_\_ is saying is...
- This makes sense because...
- Can someone please explain...?
- Did you mean \_\_\_\_\_?
- This is like/not like \_\_\_\_\_ because...

You don't have to LOVE math to be here, but you should follow the principle of LOVE:

- Listen as much as you speak. *I don't understand. Can you explain that to me?*
- Own your team's ideas. *Does everyone agree with this idea?*
- Value everyone's input. *What do YOU think about this?*
- Every minute counts. *Okay, let's get back to work.*