Getting Help (specifically):

Email: **220datastr@udel.edu**

Is it a question about a grade?
- Fill out the appropriate class form
  - There are forms for many of your class concerns. Please use them!

You are welcome to attend any TA's office hours or discord hours!

Is it a general question about concepts?
- View powerpoints/videos
- Ask your partner for help
- Attend group help session
- Ask in class or in lab or on Discord
- Google
- Contact the Office of Academic Enrichment (see page 2)

You are welcome to attend any TA's office hours or discord hours!

Is it a general question about class (due dates, etc.)?
- Check Canvas
- Ask your partner
- Post to Discord
- Ask in class

You are welcome to attend any TA's office hours or discord hours!

Is it a specific question about code?

1) **Add a print statement (cout) at the beginning of the function and at the end of the function**
   - These print statements should state the name of the function
   - They should print out the parameter values when you enter the function
   - They should print out the value being returned by the function, if it is returning the function

   Why? So you can trace through your code and know exactly which functions ran to completion and which one failed

2) **Once you know which function fails:**
   - Put print statements throughout that function, along with printing out variable values, until you know exactly where your code is failing!!!

3) **ONLY THEN ask in class hands-on sessions/TA office hours/ post privately on discord/**
   If you don't have the above print statements, and a clear picture of where your code is failing, we will insist you add the debugging statements before we will look at your code.

Why? Debugging is an essential component of programming. You very well may spend more time debugging than writing code. You must understand basic techniques for debugging.

Note: when turning your code in, comment out these debugging print statements!!!

When asking about code, be very specific in your questions:
- Questions that require one word or sentence to be answered are much more likely to be answered promptly
- We are much more likely to answer, "The loop in this function isn't behaving the way I think it should." than, "My program isn't working and I don't know why."

It is unlikely that we will answer questions on the weekends, especially after 5:00pm.

Resources

Office of Academic Enrichment

- Free group tutoring: Hint: get a group of 3-6 and start early - after mid October, potential tutors are busy or have other commitments
- Low-cost individual tutoring
- Free Drop-in Tutoring in Math, Chemistry, and Physics
- Online Workshops and in-person study skill workshops to help students master essential study skills

Other Useful Links:

- Office of The Dean of Students for many potentially useful resources
- Report concerns about a student's wellbeing
- University Writing Centers
- Center for Counseling & Student Development
- Disability Support Services
- Office of Student Conduct
- Orientation and Transition Programs
- Student Diversity & Inclusion
- Student Health Services
- Student Wellness & Health Promotion
- Center for Disability Studies: for help with Assistive Technology
- Student Financial Services: For financial options
- Sexual Offense Support
- Undocumented and DACA Students