

Discrete Mathematics

Spring Semester, Academic Year 2018-2019

Instructor: Ms. Julie Dowling **Phone:** 907-5032 **e-mail:** jdowlin@imsa.edu

Office Hours: A,B,C,D Days: Mod 2, 7, 8
By appointment if you really need to meet with me at a specific time.
Please note that on I-days I am usually in meetings all day

Materials needed:

- 1) 3-ring Binder (*for Discrete Mathematics only, please*) ---- bring it everyday
Please use dividers to organize your binder into clearly defined sections (e.g., class notes, in-class work, worksheets, homework, quizzes).
- 2) Pencil, Pens, & Paper ---- Use pens only when making corrections. (Colored pencils are useful)
- 3) Graphing calculator (TI-89 Titanium preferred, TI-89, TI-83/84 are okay) ---- bring it everyday

IMSA Policy on Academic Integrity and Academic Honesty:

Academic honesty and integrity are expected from each and every student at IMSA! Acts that go against IMSA's Academic Behavior Code are unacceptable and will be dealt with according to school policy. Refer to the **IMSA 2018-2019 Student Handbook, pages 11-13** for student expectations regarding academic honesty and IMSA's Academic Behavior Code.

Policies:

- 1) Class will begin promptly at its designated start time. Refer to the **IMSA 2018-2019 Student Handbook, pages 13-16**, for attendance expectations and policies.
- 2) Be prepared for class. If you come to class unprepared, you not only deprive yourself, but you also deprive the other students at your table, and, in fact, the entire class. And be sure to get enough sleep so you are alert in class.
- 3) Neatness counts in all your work. "Chicken scratch" is not one of IMSA's world languages!
- 4) Each student is responsible to contribute his or her fair share to the classroom learning experience. Be willing to participate *actively* in all group activities and whole-class discussions and to work *collaboratively* with your classmates. And just to be clear, this means that you should not be spending valuable class time staring at your computer screen, unless it is open to some document or website related to the current class discussion.
- 5) Each student will be asked to engage actively in problem solving, to present problems to the class for critique and discussion, and to help others understand the course content.
- 6) Each student is expected to treat others with respect and politeness, to keep a sense of adventure (and humor), to have patience, and to be willing to try new stuff!
- 7) If for some reason you are having difficulties, *please be sure to get help before disaster strikes.*

Course Components:

Worksheets/in-class work – You can expect to be given these assignments most every class. This work will often form the basis for explorations, discussions, and homework. Though these assignments will not be collected, my expectation is that they will be completed in a timely manner, either by the end of that class or the beginning of the next class, so that everyone can contribute to the class discussion on the material.

Homework – Every week or so, a worksheet that I distribute will be designated as a homework assignment. This means that the assignment will be collected and graded, so you should be absolutely sure to do it clearly, completely, and thoroughly. Often you will be given time during class to work on these assignments. If a homework assignment is turned in late without prior approval from me (which is not a good idea), then you can expect anywhere from a 10% to 100% reduction in points, depending upon just how late the assignment is turned in. And I do expect you to turn in each homework assignment, even if it is really late.

Quizzes/Quests/Tuizzes: – These

- will be given two or three times each quarter,
- may or may not involve the use of a calculator,
- will be announced, and
- may occasionally be done with a partner or partners.

Semester grades will be averaged using the following weightings:

Quizzes/Quests/Tuizzes	60%
Homework	20%
Final Exam	20%

Grading scale:

- A - 90% or above
- B - 80% or above but less than 90%
- C - 70% or above but less than 80%
- D - less than 70% (*no one* should have a score in this range!)