

Instructor: Dr. Janice Krouse

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Office Hours:

By appointment.

Text: The text, in the form of worksheets, was written by IMSA faculty.
These will be made available on a daily basis and also be downloadable through Moodle.

Materials needed:

- 1) 3-ring Binder (at least 1.5 in. wide and *for Geometry only, please*) ---- bring it everyday
Please use dividers to organize your binder into clearly defined sections (e.g., class notes, worksheets, Problem Sets, quizzes/exams).
- 2) Pencils, Pens, & Paper ---- Use pens only when making corrections.
- 3) Graphing calculator (TI-89 Titanium preferred, TI-89, TI-83/84 are fine) ---- bring it everyday
- 4) Nice to have: Straight edge, colored pencils, drawing template

Policies:

- 1) Class will begin promptly at its designated start time. Refer to the **IMSA 2017-2018 Student Handbook** 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.
- 5) Each student will be asked to engage actively in problem solving, to present problems and proofs 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) Most importantly, if you are having difficulties, *get help before disaster strikes*.

Course worksheets, homework and Problem Set expectations:

- 1) The course worksheets ARE your textbook! They must be completed daily AND checked by you (with help from your classmates) for correctness. You would not want to be given a textbook filled with errors to study from, so why would you want to create one of your own that has errors in it?
- 2) All work is to be done on the course worksheets. If you find that you need more space in order to write in solutions and proofs, download these worksheets from Moodle, re-space before printing them out, and then do your work on these sheets.
- 3) Simple numeric or yes/no answers are usually not acceptable. Unless otherwise stated, an answer must include a clearly stated explanation or some other form of reasoning/justification.
- 4) Marking figures appropriately and clearly, either the ones provided or ones that you draw, is always helpful when solving problems and completing proofs, and is therefore encouraged.
- 5) **Exact answers** are required unless stated otherwise.

More about Problem Sets:

Problems Sets will be handed out on a **C-day** (usually Friday) and collected the following **C-day**, at the *beginning* of class. If you will be absent or tardy on a day that a Problem Set is due, give it to another student in the class to turn in. I expected you to turn in every Problem Set, no matter how late it may be. If a Problems Set is turned in late without prior approval, then the following penalties apply.

after class but before 4:15 pm on the day the problem set is due	10% off
after class but before the class on the day after the problem set is due	25% off
after class but before 4:15 pm on the day after the problem set is due	50% off

IMSA Academic Behavior Code:

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 2017-2018 Student Handbook** for student expectations regarding academic honesty and IMSA's Academic Behavior Code.

Academic integrity – Students at IMSA are expected to help create an environment of honesty and trust. In doing so students are expected to report any incidences of cheating that they are aware of. This includes providing information in connection with any inquiry regarding academic dishonesty. Additionally, students who provide their work to others (when instructed not to) share the same responsibility as those who use the given work dishonestly.

Academic honesty – IMSA students are responsible for holding themselves to the rules and encouraging others to do the same. To act dishonestly is inexcusable. IMSA does not accept acts of dishonesty as an appropriate response to any situation. Students who engage in academic dishonesty should expect serious consequences. Students involved in breaches of academic honesty will be referred for formal discipline and minimally will receive a reduced or failing grade for the assignment with the possibility of a lower or failing course grade.

Assessments:

Exams and Tests:	One Final Exam along with six Unit Tests. If a Unit Test is not passed, you will have up to two more opportunities to retake it in order to pass , but only after additional practice problems are completed. Unit tests are kept by your instructor after they have been graded and the results discussed in class. You may come into the Math Office to look them over.
Quizzes:	Occur every 4 to 8 worksheets and will be yours to keep in your binder
Problem Sets:	One of these per week, unless replaced by an Inquiry Project
Inquiry Projects:	More information on these will be provided when and if they occur
Binder/Notebook:	Will be graded on a regular basis and may be checked at any time Should always be kept up to date in some well-organized manner in your binder

Grading policy:

Quarter grade:	60% from Unit Tests and quizzes 25% from problem sets, inquiry projects, and collected homework assignments 15% from course worksheets in binder and class participation
Semester grade:	80% from Cumulative Semester Work 20% from the <u>comprehensive</u> Final Exam
Grading scale:	A – 90% or above B – 80% or above and less than 90% C – 70% or above and less than 80% D – less than 70% (Let's avoid this!)