

Essentials of Geometry and Computational Logic

Mr. Ashcraft and Mrs. Lopez

"Take up your cross and follow me..." Luke 9:23

Essentials of Geometry and Computational Logic

Welcome to Essentials of Geometry and Computational Logic. In this class you will further develop your reasoning and problem solving skills as you study topics such as congruence and similarity, logic and apply properties of lines, triangles, quadrilaterals, and circles in Geometry and computer programing.

Time: 12:30-1:10

Location: Classroom 1 / Computer Lab

"His master replied... You have been faithful with a few things; I will put you in charge of many things." Matthew 25:21

Organization

Much of the daily work done in class such as notes and vocabulary will be organized in an Interactive Notebook (INB). This notebook MUST be brought to class every day and will be collected for grading after each chapter. The notebook should be used for Geometry class only. It will act as a study resource for you throughout the year. Once graded work has been returned to you, please keep it in a binder until the end of the semester.

"But everything should be done in a fitting and orderly way."
1 Corinthians 14:40

Daily Materials

- 1 Interactive Notebook,
- Pens, pencils, highlighters,
- Loose-leaf lined + graph paper,
- Calculator

"Get ready; be prepared...and take command of them."
Ezekiel 38:7

Formative Assessment:

The assessment at regular intervals of a student's progress with accompanying feedback in order to help to improve the student's performance.

You can expect homework daily in Geometry. Homework is considered a formative assessment. Homework does not make up a large portion of the overall grade it is NECESSARY for me to gauge your learning, and for you to practice, wrestle with, and gain mastery of the concept.

Homework must have all assigned problems completed, all steps shown for each problem, and must be completed by yourself to be eligible for full credit. Geometry: "Late" homework will NOT be accepted after the chapter test.

Computational Logic: Your homework will be in the form of Programs, some will take a day and others a week or so. Programs turned in late will decrease by 10% each day until it is submitted.

"Six days you should labor and do all your work..."
Exodus 20:9

Summative Assessments - Geometry

The assessment to evaluate student learning, skill acquisition, and academic achievement at the conclusion of a defined instructional period.

You will take several summative assessments during each chapter. If you are unsatisfied with the grade you earned on a Geometry assessment, you may retake the assessment. *Before you retake an assessment, you must complete the homework for those sections and review the original assessment with me.* There will also be a final exam each semester.

Geometry projects will also be a part of your summative assessment grade.

"Try me, and I will come forth as gold."
Job 23:10

Grading For Learning

Grading for Learning ensures that your grade reflects your **true knowledge of the material**. You will be allotted multiple opportunities to show mastery of a concept, through projects, quizzes and exams.

Grading Scale:

93-100% = A 85-92% = B 75-84% = C 70-74% = D 0-69% = F

Geometry

Tests and quizzes – 25%
Formative Assignments – 15%
Class Participation 10%

Computational Logic

Tests – 20%
Quizzes – 15%
Programs – 15%

“God tested Abraham and he replied, ‘here I am’”
Genesis 22:1

Classroom Expectations

1. Keep all personal electronics put AWAY. #onlywithpermission, #nopicturesorvideos
2. Respect the teacher, classroom, other students and self. #benice
3. Be responsible for your own learning. #nocheating, #workhard
4. Clean up after yourself. #notyourmaid
5. Turn your homework in on time. #participationpoints

Make-Up Work - Geometry

It is your responsibility to find out what class-work and assignments you missed while you were away. Upon returning to class, you should find your file in the *We Missed You Box*. In it will be a summary of what was discussed and any materials handed out that day. Please ask me if you need more information.

“God will bless the work of YOUR hands.”
Deuteronomy 24:19

Class Participation Grade - Geometry

You will be given 5 participation points each day, one point for being present the entire class period, one for having your materials, and 3 for turning in completed homework assignment on time. The Interactive Notebook (INB), will also be given points under the Class Participation category. Please keep your INB up-to-date, legible, and complete.

“Give us this day our daily bread.” Matthew 6:11

Contact Information

Office Hours Mr. Ashcraft:

Mornings – as arranged with Mr. Ashcraft, evenings in the dorms.

Office hours Mrs. Lopez

1st Semester 2nd Semester

10:25-12:00, 2:00-3:30. 9:40 - 11:00, 2:00-3:30.

Call or text:

Mrs. Lopez 410-599-7774

Mr. Ashcraft 828-775-6694

Please call/text before 9:00 pm.

#early2bedearly2rise

Email:

Mr. Ashcraft: lashcraft@highland-academy.com

Mrs. Lopez: llopez@highlandacademy.com

Be Proactive

If you are struggling, you can:

1. See me in my office during office hours,
2. Call/text me,
3. Ask a fellow student,
4. Go to Khanacademy.com and watch a video explanation of the topic.
5. Visit Mr. Ashcraft's blog <http://www.highland-academy.com/computer-applications-assignments-blog/>
Visit Mrs. Lopez's blog www.mrslopezclasses.wordpress.com

“To these God gave understanding.” Daniel 1:17