# Lake-Sumter State College Course Syllabus

<table>
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<tr>
<th>Course / Prefix Number</th>
<th>MGF 1107</th>
<th>Course Title:</th>
<th>Explorations in Math</th>
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<tbody>
<tr>
<td>CRN:</td>
<td>10349</td>
<td>Credit:</td>
<td>3</td>
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<tr>
<td>Term:</td>
<td>Fall 2014</td>
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## Course Catalog Description:
This is a survey course covering a selection of at least six (6) topics from among the following: consumer mathematics, linear and exponential growth, numeration systems, history of mathematics, number theory, voting techniques, graph theory, mathematical systems, non-Euclidean geometries, linear correlation and regression, and similar topics which demonstrate the beauty and utility of mathematics to the general student population.

## Instructor:
<table>
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<tr>
<th>Bret Taylor</th>
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## Contact Information:
| Email: taylorb@lscc.edu |
| Phone: 435-6408 |

| Leesburg SM227 |
| Office Location: |
| Office Hours: |
| [Posted on my door and on my website; vary during the semester] |

All students are required to use LakerMail for official college e-mail communications. See the college webpage for instructions on activating LakerMail.

## Prerequisites:
C or higher in MAT 1033 or appropriate placement score

## Textbook and Other Course Materials:
None required. Handouts will be given.

## Technology and Online Computer Access Requirements:
Scientific calculator required. Graphing capabilities not required

## Course Objectives:
(what the course will do)
Provide students with exposure to topics which demonstrate the beauty and utility of mathematics to the general public.

## Student Learning Outcomes (SLOs) Assessed in this Course:
1. The student will be able to calculate in non-base ten arithmetic.
2. The student will demonstrate competency in geometric modeling.
3. The student will be able to apply consumer mathematics to real world applications.
### Academic Integrity:
The successful functioning of the academic community demands honesty, which is the basis of respect for both ideas and persons. In the academic community, there is an ongoing assumption of academic integrity at all levels. There is the expectation that work will be independently thoughtful and responsible as to its sources of information and inspiration. Honesty is an appropriate consideration in other ways as well, including but not limited to the responsible use of library resources, responsible conduct in examinations, and the responsible use of the Internet. (See college catalog for complete statement.)

### Important Information for Students with Disabilities:
Any student with a documented disability who requires assistance or academic accommodations should contact the Office for Students with Disabilities immediately to discuss eligibility. The Office for Students with Disabilities (OSD) is located on the Leesburg Campus, but arrangements can be made to meet with a student on any campus. An appointment can be made by calling 352-365-3589 and specific information about the OSD and potential services can be found at [www.lssc.edu](http://www.lssc.edu), then go to “Quick Links” and click on Disability Services.

### Privacy Policy (FERPA):
The Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part99) is a Federal law that protects the privacy of a student’s education records. In order for your information to be released, a form must be signed and in your records located in the Admissions/Registrar’s Office.

### Attendance/Withdrawal Policies:
Regular, punctual attendance is essential to your success in this course. Attendance will be recorded at the beginning of each class period. If you arrive late it is your responsibility to see the instructor after class to ensure your attendance has been recorded, or you may be counted as absent. If you must miss a class you should contact a fellow student to find out what was covered, copy notes, etc. before the next class. You are responsible for what was covered during your absence. If you wish to withdraw from this course it is your responsibility to do so. Merely stopping attendance does not constitute withdrawing.

### Withdrawal Deadline:
The deadline for withdrawing from this course this semester is **November 5, 2014**.

### Methods of Evaluation:
Your grade in this course will be based on 5 tests. Your lowest test, excluding the last one, **may** be dropped in order to improve your average to a B, C or D. Your lowest test will not be dropped to improve your average to an A.

Make up exams will be given at the discretion of the instructor and will normally be given on a Monday at 5:30 pm.

### Grading Scale:
- At least 90: A
- At least 80 but less than 90: B
- At least 70 but less than 80: C
- At least 60 but less than 70: D
- Less than 60: F

### Course Calendar:
The content of course is given in handout the first day of class. Pace of instruction will vary depending upon the interest of the class in each topic. Exams will be announced at least one week in advance.

### Classroom Rules and Policies:
This is a college class. Everyone in the room, students and faculty, are expected to act appropriately, in an atmosphere of mutual respect and courtesy.

### Violence Statement:
Lake-Sumter Community College has a policy of zero tolerance for violence as stated in College Board Rule 2.17. Appropriate disciplinary action will be taken in accordance with
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<tr>
<th>Syllabus Disclaimer</th>
<th>Board Rule 2.17.</th>
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<td>Information contained in this syllabus is, to the best knowledge of this instructor, considered correct and complete when distributed to the student. The instructor reserves the right, acting within policies and procedures of Lake-Sumter Community College, to make necessary changes in course content or instructional techniques without prior notice or obligation to the student.</td>
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