# **Precalculus Mr. Bell**

**2015–2016 jbell@efcts.us**

**Course Outline 614-837-9443 (Ext. 1204)**

**Website:** All course information (syllabus, notes, homework, useful links) can be found at **bellmathfcc.weebly.com**

**Background Information**

Undergraduate Degree: Bachelor of Science in Agriculture (Ag Economics)

 The Ohio State University

Graduate Degree: Master of Education (Math Education)

 The Ohio State University

Teaching Experience: Fairfield Career Center (2011-2015)

Canal Winchester High School (1998-2011)

 Columbus State Community College (2010-15)

**Prerequisite:** B or better in Algebra 2 or Advanced Algebra and/or teacher/guidance recommendation

**Course Description:** This is a traditional Precalculus class.

Selected topics from Algebra, geometry, trigonometry, and statistics will be

covered. Upon meeting certain requirements, some students will be eligible to

be dually enrolled in Math 1300 at Ohio University-Lancaster. This will enable

students to earn 4 semester hours of college credit at no cost.

**Requirements for course:**

* **BE ORGANIZED:** A 3-ring binder is great or some other method (backpacks and pockets not acceptable!). It should contain all of your notes, homework, and course handouts in an organized fashion.
* **CALCULATOR:** You are **required** to have a TI-83, TI-83 Plus, TI-84 or TI-84 Plus graphing calculator with you during **every class**. This calculator will enable you to represent each problem graphically. It will not take the place of doing each problem algebraically.
* **TEXTBOOK:** A textbook will be assigned. Some assignments will be traditional paper and pencil while others may be completed online.

**Grading- Weighted**

* **Practice Sets (20%)**
	+ Weekly set graded for accuracy due each Monday from Math XL (online program)- **40 points each**
	+ Other practice sets (some mandatory while others are optional) due when announced in class- **10 points each**
	+ 10-point Math XL practice sets require at least a 70% for full credit. 60-69% will earn 9 points, 50-59% will earn 8 points, and so on.

* **Weekly Quizzes (35%)**
	+ You can expect approximately 4 quizzes during each quarter. Some will be traditional paper and pencil quizzes while others may be completed online in class.
* **Tests (30%)**
* You can expect around 2 major tests each quarter. Each will account for around 15% of your quarter grade. The tests will be over more material than the quizzes.
* **Daily Quizzes (15%)**
* At the beginning of most class periods, there will be a 5-10 question quiz over previously taught material. Students will have 3-5 minutes to complete them. Each question will typically cover a singular concept whose response will require basic knowledge and comprehension of that concept. The purposes of these daily quizzes include increased retention, student accountability, and providing me with information on concepts that need more attention.

**Quiz Score adjustment from Chapter Tests:**

* When a chapter test is given and the test score is higher than a quiz score(s) from that chapter, Mr. Bell will raise the quiz score to the test grade. For example, if an eligible student earned a 75% and 81% on the quizzes for the chapter and then earned an 88% on the test, Mr. Bell will raise the quiz scores to 88% as well. Mr. Bell will never lower a quiz score.
* This policy is in place to encourage students to study material not originally mastered.
* **Make-up work** is the students’ responsibility. If a student misses a quiz or test, they must set a time within the school’s guidelines to make-up the quiz/test.
* All graded material is subject to change. Mr. Bell reserves the right to make changes in the rules or grading as they are needed.

**Semester/Final Exam:** There will be a semester exam administered in December. The content of this exam will be comprised of the first two nine weeks only. The final exam will be administered at the end of the year and is a comprehensive exam covering the entire year. In compliance with the EFCTS district, the semester average is 2/5 for both nine week terms, and 1/5 for the semester/final examination.

**GRADING SCALE**

 A = 92 – 100 % D = 60 – 71 %

 B = 82 – 91 % F = 0 – 59 %

 C = 72 – 81%

###### Class Expectations/Consequences

1. **Cell phones and other electronic devices are not to be used during class and should be put away unless otherwise indicated by Mr. Bell. See school policy in handbook.**
2. **Be On Time/Wait to be dismissed**: One unexcused tardy is tolerated each semester. Any additional unexcused tardies may result in disciplinary action. Please wait to be dismissed by me at the end of the period.
3. **Be Prepared:** Bring all materials to class daily; you will not be permitted to leave class to go get material once the tardy bell rings.
4. **Respect Others:** Every student has the right to learn in a safe and positive environment. Respect this right and come to class each day ready to learn.
5. **DO NOT bring food or drink to class. A clear bottle of water is allowed.**
6. All other school rules in the FCC student handbook are in force. Any infraction of the above rules may result in a detention and/or office referral and/or parental contact.