



# SENIORS TAKING ENHANCED MATHEMATICS

# 1

## Special Math Seminars For Seniors

*The Kellenberg Math Department is pleased to offer a special seminar for seniors who are completing their Trigonometry or Introduction to Calculus course.*

### **The Statistics Seminar**

Many college programs require the extensive use of mathematical and statistical concepts without needing the study of calculus. This seminar is for students whose college math programs will require advanced algebraic topics, and especially statistical techniques, including data analysis, confidence testing, and so on. During the seminar, extensive time is devoted to using the many features of the graphing calculator, including its statistical capabilities such as regression analysis, correlation of data, confidence intervals and hypothesis testing.

#### Key Facts – 2017 Statistics and Calculator Applications Seminar

- 6 Sessions, Mondays and Wednesdays, May 22<sup>nd</sup> through June 14<sup>th</sup>  
(except Memorial Day, May 29, and the day after graduation, June 5)
- Meeting times: 9:00 AM – 12:00 PM
- Mr. John Casalnuovo, Instructor
- Extensive Class Notes and Handouts provide useful resources for college
- For further information:

MrCasalnuovo@Kellenberg.org, or MrConrade@Kellenberg.org

You should take this seminar if you are going to be studying fields such as:

- |                     |                      |                         |
|---------------------|----------------------|-------------------------|
| ✓ Psychology        | ✓ Accounting         | ✓ Physical Therapy      |
| ✓ Education         | ✓ Financial Advising | ✓ Sports Medicine       |
| ✓ Insurance         | ✓ Stock Analysis     | ✓ Sports Administration |
| ✓ Actuarial Studies | ✓ Marketing          | ✓ Sports Statistics     |
| ✓ Business          | ✓ Data Mining        | ✓ Nursing               |





# SENIORS TAKING ENHANCED MATHEMATICS

# 2

## Special Math Seminars For Seniors

*The Kellenberg Math Department is pleased to offer a special seminar for seniors who are completing their Trigonometry or PreCalculus course.*

### The Senior Calculus Seminar

Often, first year students in college find their calculus courses exceptionally difficult. Sometimes, the quality of the teaching leaves much to be desired; other times, they are in class with highly motivated and competitive students who have focused on advanced math studies in high school at the expense of other liberal arts learning experiences. These factors coupled with the new, very abstract concepts of calculus and the need for demanding computational skills can make a calculus course very intimidating for many students. This seminar seeks to give various survival skills for Kellenberg students during their first year collegiate calculus courses.

#### Key Facts – 2017 Senior Calculus Seminar

- 6 Sessions, Mondays and Wednesdays, May 22<sup>nd</sup> through June 14<sup>th</sup>  
(except Memorial Day, May 29, and the day after graduation, June 5)
- Meeting times: 9:00 AM – 12:00 PM
- Bro. Gary Eck, Instructor.
- Extensive Class Notes and Handouts provide useful resources for college
- For further information: [MrCasalinuovo@Kellenberg.org](mailto:MrCasalinuovo@Kellenberg.org), or [MrConrade@Kellenberg.org](mailto:MrConrade@Kellenberg.org)



You should take this seminar if you are going to be studying:

- |                           |                     |
|---------------------------|---------------------|
| ✓ Mathematics             | ✓ Business          |
| ✓ Physics                 | ✓ Economics         |
| ✓ Chemistry               | ✓ Finance           |
| ✓ Engineering (all types) | ✓ Psychology        |
| ✓ Computer Science        | ✓ Accounting        |
| ✓ Pharmacy                | ✓ Actuarial Studies |
| ✓ Pre-Med                 | ✓ Statistics        |
| ✓ Nursing                 | ✓ Data Mining       |

*“More than half the students who began the semester with me dropped the class; the seminar helped me to survive the course.”*

*“By the end of the first week, my son called home to have me send him the seminar notes from Kellenberg.”*

*“I regret that I did not take the seminar. One of my friends who did said that it really helped.”*

*“Yes, the seminar helped a lot. Brother Gary said that it was probably worth a letter grade. He was right.”*