

# Boiler Gold Rush



HOW TO SUCCEED IN MATH

# How to Succeed in Math

## Course Coordinators:

- MA 15910, Introduction to Calculus (AG only)....Charlotte Bailey
- MA 15800, Precalculus..... David Norris
- MA 15300, Algebra and Trigonometry I..... Patrick Devlin

# Normal Math Flow

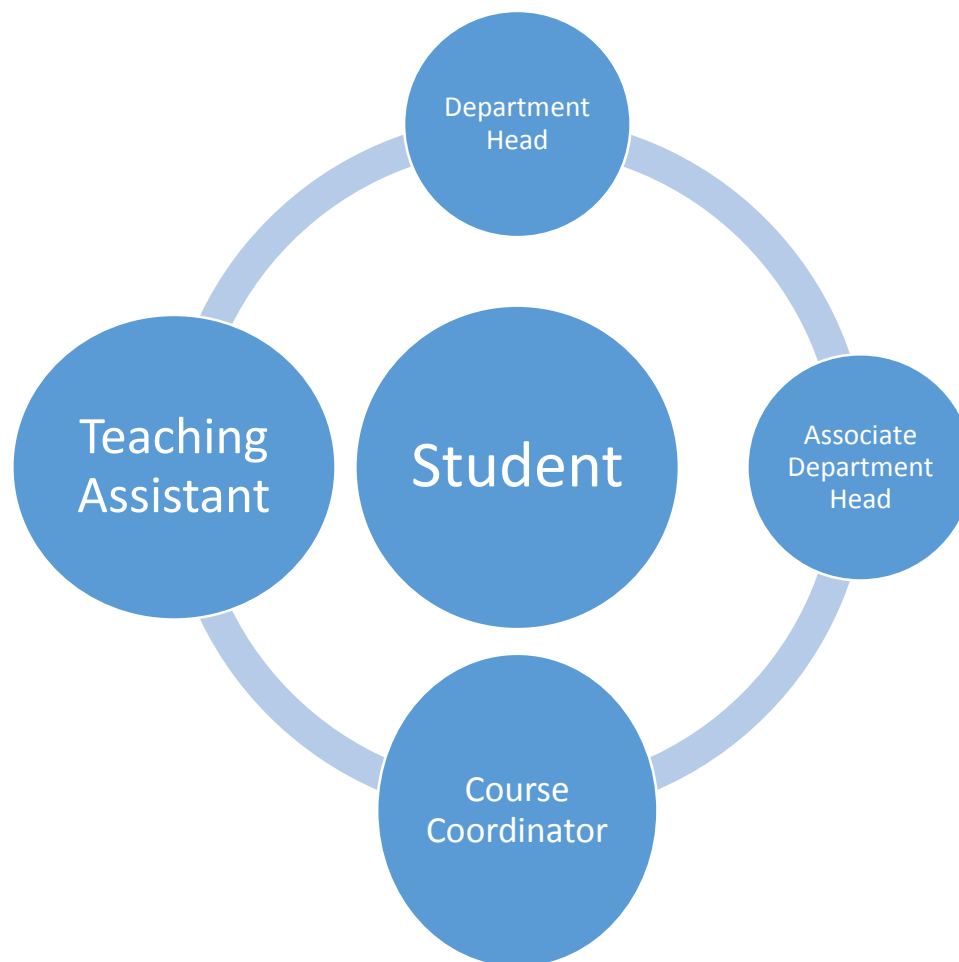
MA 15300 → MA 15800 → MA 16010 → MA 16020

MA 15800 → MA 16100 → MA 16200

MA 15910 → Done

MA 15300 → Done

# Purdue Mathematics Department



## General Tips/Hints for Success

- Attend class
- Prepare for each class
- Keep & take good notes
- Study material (not just before exam)
- Avoid bad habits (no “JIT”)
- Manage & balance time well
- Network
- Attend office hours
- Pay attention (50 min)

# I. Studying Mathematics for UNDERSTANDING

- ✓ Read text before class (2-3 pages)
- ✓ Keep up with the lecturer (Math is cumulative)
- ✓ Take good notes (it is NOT all in the book) and keep a notebook or folder
- ✓ Keep and review all returned HW/quizzes/exams;  
review your mistakes:  $e^{(a+b)} \neq e^a + e^b$
- ✓ Use available resources (not just before exam)
- ✓ Create or use Study Guides
- ✓ Organize and synthesize material

## II. Studying Mathematics for EXAMS

- ✓ Create or use Study Guides
- ✓ Work many problems
- ✓ Form study group (3-5 people)
- ✓ Prepare well in advance
- ✓ Exam # 2 will contain topics from Exam # 1
- ✓ Most exams are multiple choice
- ✓ Use available resources
- ✓ Follow instructions!

### III. Online Homework Tips

- ☐ Do problems without cheating
- ☐ Note the hard problems
- ☐ Issues with online system  
(Web Page Help → TA → Coordinator)
- ☐ Do HW well before the deadline
- ☐ Periodically look at scores





# MATH RESOURCES

[MATH Help Room \(MATH 205/211\)](#)

[Math Exam Archives](#)

[Tutor List](#)

[Course Web Page](#)

[Blackboard](#)

[LON-CAPA](#)

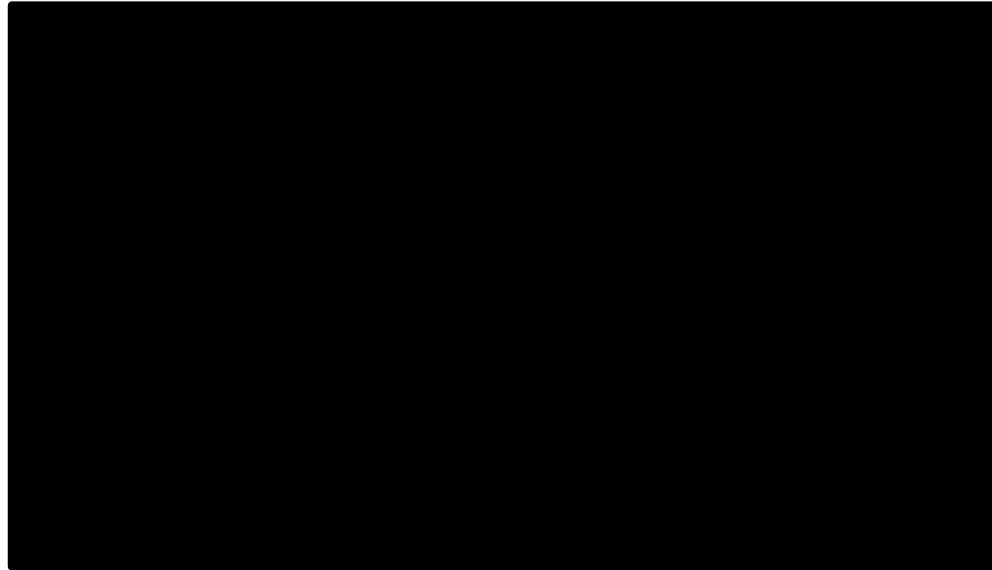
# FREE TUTORING

WIEP-WISP Free Tutoring (Earhart Hall)

COSINE Tutoring Program

Supplemental Instruction (SI)

# Supplemental Instruction (SI)

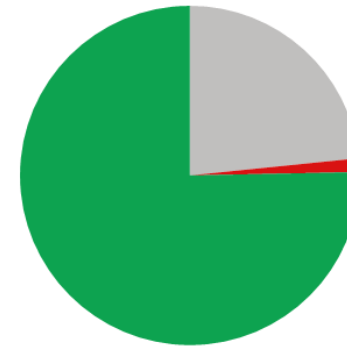


- Increase retention in targeted historically difficult courses
- Improve student grades in these historically difficult courses
- Increase graduation rates

**(MA 15300 and 15800)**

# Use Common Sense

- ❖ Manage time (don't procrastinate)
- ❖ Listen to your peers and/or upperclassmen
- ❖ Don't listen to your peers and/or upperclassmen
- ❖ Know the rules
- ❖ Avoid academic dishonesty
- ❖ Never be afraid to seek help
- ❖ Always be prepared



2015-2016 Semester Cost		
	Resident	Non Resident
Tuition and Fees	\$5,000	\$14,400
Per 3 Hour Course	\$1000	\$2,880
<b>Per Class Meeting (44 classes/semester)</b>	<b>\$23</b>	<b>\$65</b>

\*Based on 15 credit hour load

**Do not  
Skip Class!**