



# Welcome Parents!

Intro to Engineering AA  
Room 352

*Please sign in.*



## Intro to Engineering AA

- Dr. Eric Brock, Science
  - [BrockEr@cps-k12.org](mailto:BrockEr@cps-k12.org)
  - 363-8477
- Mrs. Laurie Cotton, Mathematics
  - [CottonL@cps-k12.org](mailto:CottonL@cps-k12.org)
  - 363-8459
  - <http://homelink.cps-k12.org/teachers/cotton/>
- Help Nights scheduled as needed.



## Ohio State University

- Why this course?
- What is this course?
- Ohio State Credit.
  - OSU Portfolio.
  
- UC & Purdue.



## Course Overview

- Bike Labs
- Camera Labs
- Roller Coaster
- Circuits / Electronics
- Sketching
- Presentations
- Excel
- Autodesk Inventor
- MATLAB
- Fieldtrips

## Grading

- 40% Exams
- 30% Lab Reports
  - Individual teammate scores subject to change based on attendance & discretion of the instructors.
- 15% Classwork & Homework
- 10% Quizzes
- 5% Portfolio
  
- *Attendance*
  - *Two freebies permitted.*
  - *Consider syllabus when planning college visits.*

## Teams

- Ms. Kay
- Dr. Fentiman
  
- What do we do as teams?
  - Labs
  - Lab Reports
  - Teammate Evaluations
  - Attendance/Tardies

# Syllabus Updated Online

## Intro to Engineering First Quarter Syllabus 2008-2009

25% Sketch Excel Work, Bike Lab Quizzes  
30% The Four Bike Lab Report  
40% Two Exams  
5% Bike Lab Team Attendance

DAY	Date	Activity	Quiz/Exam	Teams	352	350	358
<b>Monday</b>	8/11/2008		<b>Records Day</b>				
Tuesday	8/12/2008	Course Overview, Learning Styles Evaluation, Calendars Given, Grading Info, OSU Portfolio			352		
Wednesday	8/13/2008	Newspaper Beam					358
Thursday	8/14/2008	Team Talk, Discuss Learning Styles, Roller Coaster Video			352		
Friday	8/15/2008	Sketching 1			352		
<b>Monday</b>	8/18/2008	Sketching 2			352		
Tuesday	8/19/2008	Bike Lab 1: Overview, Teams Announced, Team Names, Video		Teams	352		
Wednesday	8/20/2008	Bike Lab 1		Teams			358
Thursday	8/21/2008	Bike Lab 1		Teams			364
Friday	8/22/2008	Bike Lab 1 - Report Expectations, Begin Bike Lab Report		Teams		350	358
<b>Monday</b>	8/25/2008	Bike Lab Report		Teams		350	
Tuesday	8/26/2008	Bike Lab Report & Bike Lab 1 Quiz	<b>Quiz</b>	Teams		350	
Wednesday	8/27/2008	Sketching 3			352		
Thursday	8/28/2008	Excel 1: Bar Graphs				350	
Friday	8/29/2008	Excel 2: Trend Lines				350	
<b>Monday</b>	9/1/2008	Labor Day Holiday					