

# **Syllabus ME366**

**Professor Barouch**

**Text: none**

**Ref. Book: Any introductory text**

**Office hours: Monday 12-2**

**Admin: 2 hourly exams and a project**

## **Topics:**

**Basic probability definitions**

**Combinatorics**

**Expected values**

**Random variables**

**Continuous distributions**

**Central limit theorem**

**Sampling**

**Estimation and confidence intervals**

**Hypothesis testing**

**Analysis of variance (ANOVA)**