CS&SS Math Camp 2019
September 9-13, 2019
Welcome!

Instructor: Jessica Godwin, MS (PhD Student, Statistics)
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Lecture Location: TBD
Lab Location: TBD
Time: 9am – 3pm (3-4pm optional)

Curriculum Overview:
Day 1:
   - Algebra and geometry review
   - Functions
   - Matrix algebra
Day 2:
   - Differential calculus
   - Integral calculus
Day 3:
   - Introduction to probability
   - Probability density functions
Day 4:
   - Discrete distributions
   - Continuous distributions
Day 5:
   - Introduction to statistics & maximum likelihood
   - Course review

Daily Schedule:
9:00-9:30   Review of previous day’s problems and material (Day 1: intro/overview)
9:30-10:15  Lecture
10:15-10:45 Practice Problems
10:45-11:00 Break
11:00-11:45 Lecture
11:45-12:15 Practice Problems
12:15-1:30  Lunch
1:30-3:00   Introduction to Statistical Computing
3:00-4:00   OPTIONAL: Problem solving session with closer guidance