## ECON 3070-005

## **Prerequisites:**

The prerequisites of this course are

Economics PrerequisiteECON 1000 or 2010
Mathematics Prerequisites: ECON 1078 & 1088
or MATH 1300 or MATH 1310 or

MATH 1081 or MATH1080 & 1090 & 1100

or APPM 1350 or equivalent

The models covered in this course requalculus. It issumed that every student has a working knowledge bofubas, and there will be no formal review of calculus techniques. As statemental mathematics prerequisites will be strictly enforced.

## **Grading:**

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# A tentative guide to topics we will cover:

| <b>Date</b><br>24-Aug            | Content Analyzing Economic Problems                 | Note       |
|----------------------------------|---|------------|
| 26-Aug                           | Supply and Demandalysis; Math test                  |            |
| 31-Aug                           | Supply and Demanda Ayrsis; Math test Review         |            |
| 2-Sep                            | Preferences and Utilities Preferences and Utilities |            |
| 7-Sep<br><b>9-Sep</b>            | Consumer Choice                                     | PS1 due    |
| <i>3-</i> 3 <b>-</b> р<br>14-Sep | Consumer Choice                                     | r SI due   |
| 14-Sep                           | The Theory of Demand                                |            |
| 21-Sep                           | The Theory Demand till 5.4                          |            |
| 23-Sep                           | Inputs and Production Functions                     | PS2 due    |
| 28-Sep                           | Inputs and Production Functions                     | 1 52 auc   |
| 30-Sep                           | Inputs and Production Functions                     |            |
| 5-Oct                            | Midterm 1 Review                                    | PS3 due    |
| 7-Oct                            | Midterm 1   |            |
| 12-Oct                           | Costs and Cost Minimization                         |            |
| 14-Oct                           | Costs and Cost Minimization                         |            |
| 19-Oct                           | Costs and Cost Minimization                         |            |
| 21-Oct                           | Cost Curves   |            |
| <b>26-Oct</b>                    | Cost Curves   | PS4 due    |
| 28-Oct                           | Perfectly Competitive Markets                       |            |
| 2-Nov                            | Perfectly Competitive Markets                       |            |
| 4-Nov                            | Perfectly Competitive Markets                       |            |
| 9-Nov                            | Perfectly Competitive Markets – Applications        | PS5 due    |
| 11-Nov                           | Monopoly  |            |
| 16-Nov                           | Monopoly 11.1, 2, 5, 6                              |            |
| 18-Nov                           | Market Structure and Competition                    |            |
| 23-Nov                           | Fall Break!   |            |
| 25-Nov                           | Happy Thanksgiving!  Midterm 2 Review               | DCG due    |
| 30-Nov<br>2-Dec                  | Midterm 2   | PS6 due    |
| 7-Dec                            | Game theory and strategic behavior                  |            |
| 9-Dec                            | Review to be determined                             |            |
| 15-Dec                           | Final Exam  | 4:307:00pm |

## **University Policies**

## **Students with Disabilities**

If you qualify for accommotivens because of a disate, ilplease submit to me a letter from

Disability Servicesy September 11th

#### **Discrimination and Harassment**

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#### **Academic Misconduct**

All students of the University of locado at Boulder are responsible for knowing and adhering to the academtegrity policy of this institution. Violations of this policy may include ating, plagiarism, aid of academic dishonesty, fabrication, lyinbribery, and threaten to the havior. All incidents of academic misconduct shall be reported the Honor Code Council (honor@colorado.ed(303) 725 2273). Studentso are found to be in violation of the academic integrity polivill be subject both academic sanctions from the faculty member academic sanctions (including but not limited to university probatios suspension, or expulsion). Other information on the Honor Code can be found at www.colorado.edu/picies/honor.htmland at www.colorado.edu/academics/honorcode