AREC 710
Advanced Agricultural Economics

Instructors: Marco Costanigro and Alessandro Bonanno
Office Hours: By appointment with individual instructors

Meeting time: W 2-3:40 pm Location: Walnut 111

Readings: The Oxford Handbook of the Economics of Food Consumption and Policy
Additional Handouts and Materials posted online

Grading: Take home exam 30%
Homeworks (two) 20%
Paper 30%
Student presentation 10%

Tentative Course Outline

Instructor: Marco Costanigro

A. Vertical differentiation:
   i. Vertical differentiation, basic models of demand (Tirole, chapter 2.1)

B. Heterogeneous preferences in models of vertical differentiation:
C. Vertical differentiation with uncertain quality: The Economics of Information:

D. Horizontal differentiation:

**Instructor: Alessandro Bonanno**

E. Market power models of homogenous product markets
F. Demand models for diff. prod. markets’ analysis; estimating games

G. Menu Approach, Discrete Choice Demand Models and Counterfactual simulation


## Class Schedule / Timeline

<table>
<thead>
<tr>
<th>lesson</th>
<th>date</th>
<th>instructor</th>
<th>topic</th>
<th>Assigned work</th>
<th>Points</th>
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<td>8/22/2018</td>
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<td>2</td>
<td>8/29/2018</td>
<td>Costanigro</td>
<td>Vertical differentiation</td>
<td>HW1</td>
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<td>9/5/2018</td>
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<td>Economics of Information</td>
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<td>9/12/2018</td>
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<td>Horizontal differentiation</td>
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<td>7</td>
<td>10/3/2018</td>
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<td>Homogenous product markets</td>
<td>HW1 due</td>
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<td>8</td>
<td>10/10/2018</td>
<td>Bonanno</td>
<td>Demand models for diff. prod. markets’ analysis; estimating games</td>
<td>HW2</td>
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<td>9</td>
<td>10/17/2018</td>
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<td>Menu approach, discrete choice; counterfactual simulations; vertical competition</td>
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<td>14</td>
<td>11/28/2018</td>
<td>Bonanno/</td>
<td>Student Presentations</td>
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<td>Costanigro</td>
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<td>15</td>
<td>12/5/2018</td>
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<td>Recap / Review</td>
<td>Paper due</td>
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<td>16</td>
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<td>Take Home Final</td>
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**Homework:** each instructor will assign one empirical group homework – each homework will require a considerable amount of work, and it will touch upon multiple topics that are covered in class, so DO NOT wait until the week before it is due to start working.

**Paper and presentation:** see handout

**Take home final:** We will assign one paper for an in depth review and analysis. Specific questions to address will be provided. Individual effort.