



# UNIVERSITY OF FLORIDA

COLLEGE OF BUSINESS ADMINISTRATION  
Graduate School of Business  
Fisher School of Accounting  
JOHN KRAFT, DEAN

100 Bryan Hall \* P.O. Box 117150  
Gainesville, Florida 32611-7150  
Tele: (904)392-2397. ext. 1217 \* Fax: (904)392-2086

## FACULTY MEETING December 1, 1995 AGENDA

(SUPPORTING DOCUMENTATION CAN BE REVIEWED IN YOUR DEPARTMENTAL OFFICE OR IN THE DEAN'S OFFICE)

1. Minutes from the 8/25/95 General Faculty Meeting
2. The Undergraduate Committee has approved the following curriculum changes and they have requested that these changes be presented for approval.
  - A. Change grading option for MAR 4945 to S-U
  - B. Increase credit hours ECO 3100
  - C. Increase undergraduate elective credit hours for the following courses:
 

|                     |          |          |
|---------------------|----------|----------|
| ECO 4934            | ECO 4905 | ECS 4203 |
| ECS 4013            | ECS 4003 | ECP 4451 |
| <del>ECP 4403</del> | ECP 3423 | ECP 3302 |
| ECO 4914            | ECO 4622 | ECO 4504 |
| ECO 4431            | ECO 3704 | ECO 3703 |
| ECO 3700            |          |          |
  - D. Require BS-ECO majors to take 3 four-hour economic electives (changed from 4 three-hour electives)
  - E. Delete ACG 2071 as a requirement for the Business Minor

*and chg description  
ECO 4403  
ECP 3113  
ECP 3203  
ECS 4334  
ECO 4404*

The Undergraduate Committee has approved the following curriculum changes and they have requested that these changes be presented as informational items.

- F. Updating of catalog descriptions or the following courses:
 

|                     |                     |                     |
|---------------------|---------------------|---------------------|
| ECO 2013            | <del>ECO 4400</del> | <del>ECP 3113</del> |
| <del>ECP 3203</del> | ECS 3403            | <del>ECS 4334</del> |
  - G. Delete ECO 3202
  - H. Change course number for MAN 3021 to MAN 3025 in accordance with statewide numbering system
  - I. Change prereqs: MAR 4803  
REE 3043
3. Dean's Report
  4. Other Business

GRADUATE FACULTY MEETING

DECEMBER 1, 1995

AGENDA

NOV 20 1995

1. Minutes from the 8/25/95 Graduate Faculty Meeting
2. The Graduate Committee has approved the following curriculum changes and they have requested that these changes be presented for approval.
  - A. Prereq changes:
    - ECO 5415
    - ECO 6805
  - B. Title, prereq, and description change:
    - ECO 6405
  - C. Changes to 2nd year ECO Ph.D. curriculum:
    - 1) In the Industrial Organization and Regulation Sequence, replace the semester long Economics of Regulated Industries (ECP 6426) with a half-semester version of that course and a half-semester course Empirical Industrial Organization
    - 2) In the Public Economics sequence, replace the two-semester long courses (ECO 6526, ECO 6536) with four half-semester courses, two of which will retain the original titles and course numbers.
  - D. Credit, contact hour, title, description changes:
    - ECP 6426
    - ECO 6516 *ECO 6636*
  - E. New Course:
    - ECP 6xxx - Empirical Industrial Organization
    - ECO 6xxx - Welfare Economics and the Second Best
    - ECO 6xxx - Empirical Public Economics
  - F. Credit & contact hour change:
    - BUL 6930
3. TheMBA Committee has approved the following curriculum changes and they have requested that these changes be presented for approval.
  - G. Title change:
    - MAN 6321
  - H. New Courses:
    - MAN 6xxx - Organizational Staffing
    - ~~BUL~~ *MAN* 6xxx - Negotiations
4. Other Business



# UNIVERSITY OF FLORIDA

*Andy McCollough*

College of Business Administration  
W. Andrew McCollough  
Associate Dean

109 Bryan Hall \* P.O. Box 117150  
Gainesville, Florida 32611-7150  
Tele: (904)392-8436. ext. 1223 \* Fax: (904)392-2086  
Email: wamccol@nervm.nerdc.ufl.edu

November 22, 1995

## MEMORANDUM

TO: John Kraft  
FROM: W. Andrew McCollough  
SUBJECT: Curriculum Changes

The Graduate Committee has approved the following curriculum changes and they have requested that these changes be presented at the next College of Business Administration Faculty Meeting for approval.

- A. Prereq changes:
  - ECO 5415
  - ECO 6805
- B. Title, prereq, and description change:
  - ECO 6405
- C. Changes to 2nd year ECO Ph.D. curriculum:
  - 1) In the Industrial Organization and Regulation Sequence, replace the semester long Economics of Regulated Industries (ECP 6426) with a half-semester version of that course and a half-semester course Empirical Industrial Organization
  - 2) In the Public Economics sequence, replace the two-semester long courses (ECO 6526, ECO 6536) with four half-semester courses, two of which will retain the original titles and course numbers.
- D. Credit, contact hour, title, description changes:
  - ECP 6426
  - ECO 6516
  - ECO ~~6536~~

November 22, 1995

Page 2

E. New Course:

ECP 6xxx - Empirical Industrial Organization  
ECO 6xxx - Welfare Economics and the Second Best  
ECO 6xxx - Empirical Public Economics

F. Credit & contact hour change:  
BUL 6930

The MBA Committee has approved the following curriculum changes and they have requested that these changes be presented at the next College of Business Administration Faculty Meeting for approval.

G. Title change:

MAN 6321

H. New Courses:

MAN 6xxx - Organizational Staffing  
~~BUL~~ 6xxx - Negotiations  
MAN

WAM:sh

Attachments

cc: Gary Koehler

Florida Department of Education  
 Statewide Course Numbering System  
**Course Termination or Change Transmittal Form**  
 (See instructions on reverse side)

Form UCC2  
 OAA # \_\_\_\_\_

**Part I: To Be Completed By the Institution or School District**

|  |  |  |   |
|--|--|--|---|
| Institution/District:<br><b>University of Florida</b>  | District Code:<br><b>00</b>            | Institutional Code:<br><b>001535</b>   | Instructional Unit or Department:<br><b>Economics</b> |
| Terminate Current Course: Effective term (month/year): _____   |  |  |   |
| Current SCNS Course Identification:<br>Discipline (SMA) _____ Prefix <b>ECO</b> Level <b>5</b> Course Number <b>415</b> Lab Code _____ Contact Hour Base <b>4</b> or Head Count _____<br>Institution's Course Title: <b>Statistical Methods in Economics</b>   |  |  |   |
| Change Course As Indicated Below:  |  |  |   |
| Item to Change   | Change From                            | Change To  |   |
| Reclassify: Pref, No., Lab Code  | (See above)                            |  |   |
| Level  | (See above)                            |  |   |
| Amount of Credit   |  |  |   |
| Contact Hour Base or Head Count  |  |  |   |
| Prerequisites/Corequisites   | <b>MAC 3223, 3224; coreq: ECO 6805</b> | <b>Class and college of /BA, /AG or permission of instructor</b>               |   |
| Change Course Title: _____   |  |  |   |
| Change Course Description (Course syllabus must be attached.):<br><br>_____  |  |  |   |
| Intended Students (Mark all that apply.):<br><input type="checkbox"/> Undergraduate Nonmajors <input checked="" type="checkbox"/> Graduate Students <input type="checkbox"/> Other (specify): _____<br><input type="checkbox"/> Undergraduate Majors <input type="checkbox"/> Honors Students <input type="checkbox"/> Advanced Undergraduates |  |  |   |
| Category of Instruction: <input type="checkbox"/> Introductory <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/> Advanced  |  |  |   |
| Effective Term (month/year):<br><b>Fall 1996</b>   |  | Department Contact and Telephone Number:<br><b>Lawrence W. Kenny, 392-0151</b> |   |
| Signature, Department Chair:<br><i>Lawrence W. Kenny</i> (Date) <b>10/23/96</b>  |  | Signature, College Dean: _____ (Date) _____                                    |   |
| Signature, Graduate Dean (if applicable): _____ (Date) _____   |  | Signature, Institutional Contact: _____ (Date) _____                           |   |

**Part II: Faculty Discipline Committee Representative Use Only**

|   |      |
|---|------|
| Approved Course Classification (Prefix, Number, Lab Code): _____            |      |
| If not the same as recommended by institution, please explain:<br><br>_____ |      |
| SCNS Course Title (if new): _____   |      |
| Decade Title (if new): _____  |      |
| Century Title (if new): _____   |      |
| Signature, Faculty Discipline Committee Representative                      | Date |

**Part III: SCNS Staff Use Only**

|           |              |                       |
|-----------|--------------|-----------------------|
| Signature | Date Entered | Correspondence Number |
|-----------|--------------|-----------------------|

Florida Department of Education  
Statewide Course Numbering System  
**Course Termination or Change Transmittal Form**  
(See instructions on reverse side)

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OAA # \_\_\_\_\_

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| Terminate Current Course: Effective term (month/year): _____   |                             |  |   |
| Current SCNS Course Identification:<br>Discipline (SMA) _____ Prefix <b>ECO</b> Level <b>6</b> Course Number <b>805</b> Lab Code _____ Contact Hour Base <b>4</b> or Head Count _____<br>Institution's Course Title: <b>Mathematical Methods and Application to Economics</b>  |                             |  |   |
| Change Course As Indicated Below:  |                             |  |   |
| Item to Change   | Change From                 | Change To  |   |
| Reclassify: Pref, No., Lab Code  | (See above)                 |  |   |
| Level  | (See above)                 |  |   |
| Amount of Credit   |                             |  |   |
| Contact Hour Base or Head Count  |                             |  |   |
| Prerequisites/Corequisites   | <b>MAC 3223, 3224</b>       | <b>Class and college of /BA, /AG or permission of instructor.</b>              |   |
| Change Course Title:   |                             |  |   |
| Change Course Description (Course syllabus must be attached.):   |                             |  |   |
| Intended Students (Mark all that apply.):<br><input type="checkbox"/> Undergraduate Nonmajors <input checked="" type="checkbox"/> Graduate Students <input type="checkbox"/> Other (specify):<br><input type="checkbox"/> Undergraduate Majors <input type="checkbox"/> Honors Students <input type="checkbox"/> Advanced Undergraduates |                             |  |   |
| Category of Instruction: <input type="checkbox"/> Introductory <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/> Advanced  |                             |  |   |
| Effective Term (month/year):<br><b>Fall 1996</b>   |                             | Department Contact and Telephone Number:<br><b>Lawrence W. Kenny, 392-0151</b> |   |
| Signature, Department Chair:<br><i>Lawrence W. Kenny</i> (Date) <b>10/23/95</b>  |                             | Signature, College Dean: _____ (Date)  |   |
| Signature, Graduate Dean (if applicable): _____ (Date)   |                             | Signature, Institutional Contact: _____ (Date)                                 |   |

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| If not the same as recommended by institution, please explain:<br>_____<br>_____ |      |
| SCNS Course Title (if new): _____  |      |
| Decade Title (if new): _____   |      |
| Century Title (if new): _____  |      |
| Signature, Faculty Discipline Committee Representative                           | Date |

**Part III: SCNS Staff Use Only**

|           |              |                       |
|-----------|--------------|-----------------------|
| Signature | Date Entered | Correspondence Number |
|-----------|--------------|-----------------------|

Florida Department of Education  
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**Course Termination or Change Transmittal Form**  
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Form UCC2  
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| Institution/District:<br><b>University of Florida</b>  |                                | District Code:<br><b>00</b>  | Institutional Code:<br><b>001535</b> | Instructional Unit or Department:<br><b>Economics</b> |
| Terminate Current Course: Effective term (month/year): _____   |                                |  |                                      |   |
| Current SCNS Course Identification:<br>Discipline (SMA) _____ Prefix <b>ECO</b> Level <b>6</b> Course Number <b>405</b> Lab Code _____ Contact Hour Base <b>4</b> or Head Count _____<br>Institution's Course Title: <b>Mathematical Economics 1</b>   |                                |  |                                      |   |
| Change Course As Indicated Below:  |                                |  |                                      |   |
| Item to Change   |                                | Change From  |                                      | Change To   |
| Reclassify: Pref, No., Lab Code  | (See above)                    |  |                                      |   |
| Level  | (See above)                    |  |                                      |   |
| Amount of Credit   |                                |  |                                      |   |
| Contact Hour Base or Head Count  |                                |  |                                      |   |
| Prerequisites/Corequisites   | <b>ECO 6805 or equivalent.</b> | <b>ECO 6805, ECO 6406 or permission of Instructor.</b>                         |                                      |   |
| Change Course Title: <b>Mathematical Economics: Game Theory</b>  |                                |  |                                      |   |
| Change Course Description (Course syllabus must be attached.):<br><b>Advanced game theory including incomplete information games with application to economics.</b>  |                                |  |                                      |   |
| Intended Students (Mark all that apply.):<br><input type="checkbox"/> Undergraduate Nonmajors <input checked="" type="checkbox"/> Graduate Students <input type="checkbox"/> Other (specify):<br><input type="checkbox"/> Undergraduate Majors <input type="checkbox"/> Honors Students <input type="checkbox"/> Advanced Undergraduates |                                |  |                                      |   |
| Category of Instruction: <input type="checkbox"/> Introductory <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/> Advanced  |                                |  |                                      |   |
| Effective Term (month/year):<br><b>Fall 1996</b>   |                                | Department Contact and Telephone Number:<br><b>Lawrence W. Kenny, 392-0151</b> |                                      |   |
| Signature, Department Chair:<br><i>Lawrence W. Kenny</i> (Date) <b>10/23/85</b>  |                                | Signature, College Dean: _____ (Date)  |                                      |   |
| Signature, Graduate Dean (if applicable): _____ (Date)   |                                | Signature, Institutional Contact: _____ (Date)                                 |                                      |   |

**Part II: Faculty Discipline Committee Representative Use Only**

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| Approved Course Classification (Prefix, Number, Lab Code): _____     |            |
| If not the same as recommended by institution, please explain: _____ |            |
| SCNS Course Title (if new): _____                                    |            |
| Decade Title (if new): _____   |            |
| Century Title (if new): _____  |            |
| Signature, Faculty Discipline Committee Representative _____         | Date _____ |

**Part III: SCNS Staff Use Only**

|                 |                    |                             |
|-----------------|--------------------|-----------------------------|
| Signature _____ | Date Entered _____ | Correspondence Number _____ |
|-----------------|--------------------|-----------------------------|

- **Mathematical Economics: Game Theory**

ECO 6405 - Prerequisites: ECO 6805 and ECO 6406 or permission of instructor.

Advanced game theory including incomplete information games with applications to economics.



ECO 6405  
Fall 1995  
MAT 251  
M-W 4:05-6:00

S. Slutsky  
Office: MAT 338  
Phone: 392-8106

## Mathematical Economics: Game Theory

### Required Texts:

Fudenberg and Tirole, Game Theory

### Supplementary Texts:

Binmore, Fun and Games

Kreps, Game Theory and Economic Modeling

Luce and Raiffa, Games and Decision

Friedman, Game Theory with Applications to Economics

Rasmusen, Games and Information

Shubik, Game Theory in the Social Sciences

Kreps, A Course in Microeconomic Theory

Gale, Theory of Linear Economic Models

Myerson, Game Theory

Van Damme, Stability and Perfection of Nash Equilibrium

Eichberger, Game Theory For Economists

## Syllabus

### I. Constant Sum Games

Gale, Chapters 2, 6, and 7

Luce and Raiffa, Chapter 4

Eichberger, Chapter 2

### II. Single Play Nash Equilibrium

Fudenberg and Tirole, Chapters 1, 2, 3.3, and 3.4

### III. Refinements

Chapters 3.2, 3.5, 3.6, 8.4, 11.1

### IV. Incomplete Information

Chapters 6, 7, 8.1, 8.2, 11.2-11.7, 14

### V. Repeated Games

Chapter 4.3, and 5

### VI. Applications

Florida Department of Education  
Statewide Course Numbering System  
**Course Termination or Change Transmittal Form**  
(See instructions on reverse side)

Form UCC2  
OAA # \_\_\_\_\_

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|---|-----------------------------|--|---|
| Institution/District:<br><b>University of Florida</b>   | District Code:<br><b>00</b> | Institutional Code:<br><b>001535</b>   | Instructional Unit or Department:<br><b>Economics</b> |
| Terminate Current Course: Effective term (month/year): _____  |                             |  |   |
| Current SCNS Course Identification:<br>Discipline (SMA) _____ Prefix <u>ECP</u> Level <u>6</u> Course Number <u>426</u> Lab Code _____ Contact Hour Base <u>4</u> or Head Count _____<br>Institution's Course Title: <b>Economics of Regulated Industries</b>   |                             |  |   |
| Change Course As Indicated Below:   |                             |  |   |
| Item to Change  | Change From                 | Change To  |   |
| Reclassify: Pref, No., Lab Code   | (See above)                 |  |   |
| Level   | (See above)                 |  |   |
| Amount of Credit  | 3                           | 1 or 2   |   |
| Contact Hour Base or Head Count   | 4                           | 2  |   |
| Prerequisites/Corequisites  |                             |  |   |
| Change Course Title: <b>Regulatory Principles</b>   |                             |  |   |
| Change Course Description (Course syllabus must be attached.):<br><b>The theory and practice of regulatory institutions, with an emphasis on natural monopoly, incentive issues, and pricing across products and over time. Alternative to traditional regulations are assessed in terms of their impact on economic and social objectives.</b> |                             |  |   |
| Intended Students (Mark all that apply.):<br><input type="checkbox"/> Undergraduate Nonmajors <input checked="" type="checkbox"/> Graduate Students <input type="checkbox"/> Other (specify):<br><input type="checkbox"/> Undergraduate Majors <input type="checkbox"/> Honors Students <input type="checkbox"/> Advanced Undergraduates        |                             |  |   |
| Category of Instruction: <input type="checkbox"/> Introductory <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/> Advanced   |                             |  |   |
| Effective Term (month/year):<br><b>Spring 1997</b>  |                             | Department Contact and Telephone Number:<br><b>Lawrence W. Kenny, 392-0151</b> |   |
| Signature, Department Chair:<br><i>Lawrence W. Kenny</i> (Date) <b>10/23/95</b>   |                             | Signature, College Dean: _____ (Date)  |   |
| Signature, Graduate Dean (if applicable): _____ (Date)  |                             | Signature, Institutional Contact: _____ (Date)                                 |   |

**Part II: Faculty Discipline Committee Representative Use Only**

|  |      |
|--|------|
| Approved Course Classification (Prefix, Number, Lab Code): _____     |      |
| If not the same as recommended by institution, please explain: _____ |      |
| SCNS Course Title (if new): _____                                    |      |
| Decade Title (if new): _____   |      |
| Century Title (if new): _____  |      |
| Signature, Faculty Discipline Committee Representative               | Date |

**Part III: SCNS Staff Use Only**

|           |              |                       |
|-----------|--------------|-----------------------|
| Signature | Date Entered | Correspondence Number |
|-----------|--------------|-----------------------|

- **ECP 6426 - Regulatory Principles (1 or 2 credits).**

The theory and practice of regulatory institutions, with an emphasis on natural monopoly, incentive issues, and pricing across products and over time. Alternatives to traditional regulation are assessed in terms of their impact on economic and social objectives.

ECP 6426  
ECONOMICS OF REGULATED INDUSTRIES

Spring 1996

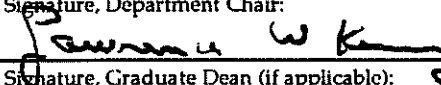
S.V. Berg 202 MAT

| <u>Session</u> | <u>(Chapter)/Topic</u>                       | <u>Concepts</u>   |
|----------------|--|---|
| 1              | (1) Introduction and<br>(2) Natural Monopoly | Historical Goals<br>Economies of Scale and Scope<br>Subadditivity, $P=MC$ |
| 2              | (3) Ramsey Pricing                           | Second Best   |
| 3              | Dominant Firms<br>and Rivalry                | Viable Industry Ramsey<br>Optima (VIRO)<br>FDC Pricing                    |
| 4              | (4) Nonlinear<br>Pricing                     | Two Part Tariffs<br>Efficiency vs. Equity                                 |
| 5              | (5) Intertemporal                            | Peak Load Pricing   |
| 6              | (7) Sustainability                           | Cross-subsidization<br>Contestability                                     |
| 7              | (8) Regulation in<br>Practice                | Public interest and<br>capture theories                                   |
| 8              | (9) Rate Base<br>Regulation                  | Averch/Johnson<br>Single and Multi-product                                |
| 9              | (10) Technological<br>Change                 | Innovative inputs<br>Factor augmenting change                             |
| 10             | (11) Partial<br>Regulation and<br>Price Caps | Sustainability under<br>partial regulation (SUPR)                         |
| 11             | Cost Allocation,<br>Residual Regulation      | Destructive Competition,<br>Predation, Efficient Components               |
| 12             | Deregulation                                 | Diversification, Integration  |
| 13             | (12) Alternatives<br>to Regulation           | Franchise Competition,<br>Public Ownership, Price Caps                    |
| 14             | Regulation of<br>Quality                     | Price/Quality trade-offs<br>Social Rate-making                            |

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|--|-----------------------------|--|---|
| Institution/District:<br><b>University of Florida</b>  | District Code:<br><b>00</b> | Institutional Code:<br><b>001535</b>   | Instructional Unit or Department:<br><b>Economics</b> |
| Terminate Current Course: Effective term (month/year): _____   |                             |  |   |
| Current SCNS Course Identification:<br>Discipline (SMA) _____ Prefix <b>ECO</b> Level <b>6</b> Course Number <b>516</b> Lab Code _____ Contact Hour Base <b>4</b> or Head Count _____<br>Institution's Course Title: <b>Public Revenue and Distribution</b>  |                             |  |   |
| Change Course As Indicated Below:  |                             |  |   |
| Item to Change   | Change From                 | Change To  |   |
| Reclassify: Pref, No., Lab Code  | (See above)                 |  |   |
| Level  | (See above)                 |  |   |
| Amount of Credit   | 3                           | 1 or 2   |   |
| Contact Hour Base or Head Count  | 4                           | <b>2</b>   |   |
| Prerequisites/Corequisites   |                             | ECO 6 <b>"WELFARE ECONOMICS &amp; THE SECOND BEST"</b>                         |   |
| Change Course Title: <b>Tax Theory and Public Policy</b>   |                             |  |   |
| Change Course Description (Course syllabus must be attached.):<br><b>An advanced survey of the economics of taxation. Topics include optimal commodity and income taxation for efficiency and redistribution, tax incidence, capital taxation, and uncertainty and taxation.</b>   |                             |  |   |
| Intended Students (Mark all that apply.):<br><input type="checkbox"/> Undergraduate Nonmajors <input checked="" type="checkbox"/> Graduate Students <input type="checkbox"/> Other (specify):<br><input type="checkbox"/> Undergraduate Majors <input type="checkbox"/> Honors Students <input type="checkbox"/> Advanced Undergraduates |                             |  |   |
| Category of Instruction: <input type="checkbox"/> Introductory <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/> Advanced  |                             |  |   |
| Effective Term (month/year):<br><b>Fall 1996</b>   |                             | Department Contact and Telephone Number:<br><b>Lawrence W. Kenny, 392-0151</b> |   |
| Signature, Department Chair:<br> (Date)<br><b>10/23/95</b>   |                             | Signature, College Dean: _____ (Date)  |   |
| Signature, Graduate Dean (if applicable): _____ (Date)   |                             | Signature, Institutional Contact: _____ (Date)                                 |   |

**Part II: Faculty Discipline Committee Representative Use Only**

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| SCNS Course Title (if new): _____   |      |
| Decade Title (if new): _____  |      |
| Century Title (if new): _____   |      |
| Signature, Faculty Discipline Committee Representative                      | Date |

**Part III: SCNS Staff Use Only**

|           |              |                       |
|-----------|--------------|-----------------------|
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|-----------|--------------|-----------------------|

**Tax Theory and Public Policy (1 or 2 credits).**

An advanced survey of the economics of taxation. Topics include optimal commodity and income taxation for efficiency and redistribution, tax incidence, capital taxation, and uncertainty and taxation.

PUBLIC SECTOR ECONOMICS:  
TAX THEORY AND PUBLIC POLICY

This is the second of a four-half-semester course sequence on the economics of the public sector. This semester focuses on the revenue side--the effects of taxes on private decisions, the effect of taxes on equilibrium outcomes, and the optimal design of taxes. The applications mostly treat Federal taxation in the U.S.

Do not be alarmed at the length of the reading list. The reading list is much more extensive than what will actually be covered; it is intended to serve as a reference guide for your work and general bibliography. At the beginning of each section, I will announce which articles you will be responsible for. Starred articles will definitely be covered.

REQUIREMENTS

A few problem sets will be handed out during the course. They are important for learning, but do not count heavily toward your grade. Some problem sets simply extend a lecture presentation, while others include detailed examples. Cooperation on these exercises is permitted. Unless stated otherwise, they must be handed in for grading. The formal requirements are: a class presentation and accompanying material, the problem sets, and a take-home final exam.

Each student will present a selected paper to the class after consultation with me. Dates and topics will be offered throughout the semester. Do not attempt to wait until the end of the semester in hopes of avoiding this duty.

With the presentation, you will have to hand in a written report on the subject of your presentation. It should include a critique of the main paper and suggestions for further research. Please discuss this with me before starting on it.

The take-home final exam will be similar to the problem sets with some essay type questions as well.

## ABBREVIATIONS OF JOURNAL TITLES

|        |                                       |
|--------|---------------------------------------|
| AER    | American Economic Review              |
| Bell   | Bell Journal of Economics             |
| BPEA   | Brookings Papers on Economic Activity |
| EL     | Economics Letters                     |
| Ema    | Econometrica                          |
| JEP    | Journal of Economic Perspectives      |
| JET    | Journal of Economic Theory            |
| JPole  | Journal of Political Economy          |
| JPubE  | Journal of Public Economics           |
| NTJ    | National Tax Journal                  |
| QJE    | Quarterly Journal of Economics        |
| REStat | Review of Economics and Statistics    |
| REStud | Review of Economic Studies            |

## TEXTS

|     |  |
|-----|--|
| A&S | Atkinson and Stiglitz, <u>Lectures on Public Economics</u> ,<br>McGraw-Hill      |
| F   | Feldman, <u>Welfare Economics and Social Choice Theory</u> ,<br>Martinus Nijhoff |
| Q&S | <u>Modern Public Finance</u> , Harvard   |

These books have been ordered for the course. While most of the material in the course is from journal articles, these books have useful presentations of much of the material covered. For some topics, we will use the presentation in a text directly. Stiglitz's The Economics of the Public Sector is an undergraduate text with a modern approach to many topics. You may find it useful from time to time.

## OTHER BOOKS

|          |  |
|----------|--|
| T        | Tresch, <u>Public Finance: A Normative Theory</u> , Southwestern                     |
| H        | Auerbach and Feldstein, eds., <u>Handbook of Public Economics</u> ,<br>North-Holland |
| Starrett | <u>Foundations of Public Economics</u> , Cambridge                                   |



## SYLLABUS

### I. OPTIMAL COMMODITY TAXATION: VIOLATIONS OF THE STANDARD ASSUMPTIONS

Stiglitz and Dasgupta, "Differential Taxation, Public Goods and Economic Efficiency," REStud 38: 151-174 (1971)

Diamond, "Taxation and Public Production in a Growth Setting," in Mirrlees and Stern, Models of Economic Growth, Macmillan (1973)

Wilson, "On the Optimal Tax Base for Commodity Taxation," AER 79: 1196-1206 (1989)

### V. OPTIMAL INCOME TAXATION

A&S, ch. 13.

Mirrlees, "An Exploration in the Theory of Optimum Income Taxation," REStud 38: 175-208 (1971)

Mirrlees, "The Theory of Optimal Income Taxation," in Handbook of Mathematical Economics

Mirrlees, "Optimal Tax Theory: A Synthesis," JPubE 6: 327-358 (1977)

\*Brito and Oakland, "Some Properties of the Optimal Income Tax," International Economic Review 18: 407-423 (1977)

\*Sadka, "On Income Distribution, Incentive Effects and Optimal Income Taxation," REStud 43: 261-268 (1976)

Seade, "On the Shape of Optimal Tax Schedules," JPubE 7: 203-236 (1977)

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\_\_\_\_\_, "Randomization in Optimal Income Tax Schedules," JPubE (1995)

Stiglitz, "Utilitarianism and Horizontal Equity: The Case for Random Taxation," JPubE 18: 1-33 (1982)

\_\_\_\_\_, "Dynamic Optimal Income Taxation with Government Commitment," JPubE 44: 15-35 (1991)

Blackorby and Donaldson, "Cash vs. Kind, Self-Selection, and Efficient Transfers," AER 78: 691-700 (1988)

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Piketty, "Implementation of First-Best Allocations via Generalized Tax Schedules," JET 61: 23-41 (1993)

Ray, "Sensitivity of 'Optimal' Commodity Tax Rates to Alternative Demand Functional Forms: An Econometric Case Study of India," JPubE 31: 253-268 (1986)

Wibaut, "A Model of Tax Reform for Belgium," JPubE 32: 53-77 (1987)

## II. TAXATION OF COMMODITIES FOR REDISTRIBUTION

A&S ch. 14

T ch. 16

Atkinson and Stiglitz, "The Structure of Indirect Taxation and Economic Efficiency," JPubE 1: 97-119 (1972)

Atkinson and Stiglitz, "The Design of Tax Structures: Direct vs. Indirect Taxation," JPubE 6: 55-75 (1976)

Bradford and Rosen, "The Optimal Taxation of Commodities and Income," AER P&P 66: 94-100 (1976)

Atkinson, "Optimal Taxation and the Direct vs. Indirect Tax Controversy," Canadian Journal of Economics 10: 590-606 (1977)

Christiansen, "Which Commodity Taxes Should Supplement the Income Tax?," JPubE 24: 195-220 (1984)

Sah, "How Much Redistribution is Possible Through Commodity Taxes?" JPubE 20: 89-101 (1983)

Slemrod, "Optimal Taxation and Optimal Tax Systems," JEP 4 (no. 1): 157-178 (1990)

## III. TAX INCIDENCE

A&S ch. 6, 7

T ch. 17

H ch. 16 (Kotlikoff and Summers)

\*Harberger, "The Incidence of the Corporation Income Tax," JPolE 70: 215-240 (1962), reprinted in Harberger, Taxation and

- Welfare, Little Brown, pp. 135-162
- Vandendorpe and Friedlaender, "Differential Incidence in the Presence of Initial Distorting Taxes," JPubE 6: 205-229 (1976)
- Gravelle and Kotlikoff, "The Incidence and Efficiency Costs of Corporate Taxation When Corporate and Noncorporate Firms Produce the Same Good," JPole 97: 749-780 (1989)
- \*Diamond, "Tax Incidence in a Two-Good Model," JPubE 9: 283-299 (1978)
- Diamond, "Incidence of an Interest Income Tax," JET 2: 211-224 (1970)
- Hotelling, "Edgeworth's Taxation Paradox and the Nature of Supply and Demand Curves," JPole 40: 577-616 (1932)
- Shoven and Whalley, "Applied General Equilibrium Models of Taxation and International Trade: An Introduction and Survey," JEL 22: 1007-1051 (1984)
- Feldstein, "The Surprising Incidence of a Tax on Pure Rent: A New Answer to an Old Question," JPole 85: 349-360 (1977)
- Calvo, Kotlikoff, and Rodriguez, "The Incidence of a Tax on Pure Rent: A New (?) Reason for an Old Answer," JPole 87: 869-874 (1979)
- Fane, "The Incidence of a Tax on Pure Rent: The Old Reason for the Old Answer," JPole 92: 329-333 (1984)
- Lau, "When Is a Tax Neutral?," JPubE 9: 319-339 (1978)
- Zeckhauser, "Taxes in Fantasy," JPubE 8: 133-150 (1977)
- Pechman, Who Paid the Taxes, 1966-1985, Brookings (1985)

#### IV. TAXATION OF CAPITAL

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#### CORPORATE PROFITS TAXATION

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\*Stiglitz, "The Corporation Tax," JPubE 5: 303-311 (1976)

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Miller, "Debt and Taxes," Journal of Finance 32: 261-  
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Journal of Economic Perspectives 2: 99-158 (1988)  
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Auerbach, The Taxation of Capital Income, Harvard

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Auerbach, "Corporate Taxation in the United States," Brookings  
Papers 1983: 2, p. 451-513.

Scholes and Wolfson, Taxes and Business Strategy, Prentice Hall  
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Auerbach and Poterba, "Why Have Corporate Tax Revenues Declined?"  
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#### SAVINGS

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JEL 22: 1576-1629 (1984)

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- Feldstein, "Social Security, Induced Retirement and Aggregate Capital Accumulation," JPolE 82: 905-926 (1974)  
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Burkhauser and Turner, "Social Security, Preretirement Labor Supply, and Saving: A Confirmation and Critique," JPolE 90: 643-646 (1982)

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Engen, Gale and Scholz, "Do Savings Incentives Work?" BPEA 1994 (no. 1): 85-180

Poterba, "House Price Dynamics: The Role of Tax Policy and Demography," BPEA 1991 (no. 2): 143-203

Bradford, Untangling the Income Tax, Harvard

Bradford, Blueprints for Basic Tax Reform

CAPITAL GAINS

Minarik, "Capital Gains," in How Taxes Affect Economic Behavior

\*Stiglitz, "Some Aspects of the Taxation of Capital Gains," JPubE 21: 257-294 (1983)

Poterba, "How Burdensome Are Capital Gains Taxes: Evidence from the U. S.," JPubE 33: 157-172 (1987)

Auten and Cordes, "Policy Watch: Cutting Capital Gains Taxes," JEP 5 (no. 1): 181-192 (1991)

Auerbach, "Capital Gains Taxation in the U.S.: Realizations, Revenue and Rhetoric," BPEA 595-637 (1988)

Auerbach, "Retrospective Capital Gains Taxation," AER 81: 167-178 (1991)

Diamond, "Inflation and the Comprehensive Tax Base," JPubE 4: 227-244 (1975)

#### FRINGE BENEFITS

Blank, Social Protection versus Economic Flexibility: Is There a Trade-off? University of Chicago press (1994)

Madrian, "Employment-Based Health Insurance and Job Mobility: Is There Evidence of Job Lock?" OJE 109: 27-54 (1994)

Gruber and Poterba, "Tax Incentives and the Decision to Purchase Health Insurance: Evidence from the Self-Employed," OJE 109: 701-733

Diamond, "Organizing the Health insurance Market," Econometrica 60: 1223-1254 (1992)

#### V. TAXATION WITH UNCERTAINTY

Diamond and Mirrlees, "A Model of Social Insurance with Variable Retirement," JPubE 10: 295-316 (1978)

Hamilton, "Optimal Wage and Income Taxation with Wage Uncertainty," International Economic Review 28: 373-385 (1987)

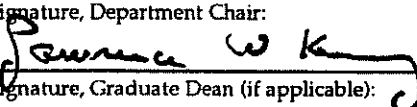
Wilson, "The Impact of Oil Subsidy and Student Loan Programs: A Synthesis," Univ. of Wisconsin mimeo

Gordon and Wilson, "Measuring the Efficiency Cost of Taxing Risky Capital Income," AER 79: 427-439 (1989)

Florida Department of Education  
Statewide Course Numbering System  
**New Course Transmittal Form**  
(see instructions on reverse side)

Form UCC1  
OAA # \_\_\_\_\_

**Part I: To Be Completed By the Institution or School District**

|   |  |                                      |   |
|---|--|--------------------------------------|---|
| Institution/District:<br><b>University of Florida</b>   | District Code:<br><b>00</b>  | Institutional Code:<br><b>001535</b> | Instructional Unit or Department:<br><b>Economics</b> |
| <b>Add Course As Indicated Below:</b>   |  |                                      |   |
| Recommended SCNS Course Identification:<br>Discipline (SMA) _____ Prefix <u>ECP</u> Level <u>6</u> Course Number _____ Lab Code _____ Contact Hour Base <u>2</u> or Head Count _____  |  |                                      |   |
| Institution's Course Title: <b>Empirical Industrial Organization</b>  |  |                                      |   |
| Amount of Credit: <b>1 or 2</b>   | If Repeatable Credit or Variable Credit: _____ total repeatable credit allowed<br>_____ minimum / _____ maximum credit within a semester |                                      |   |
| Instructor: <b>C. Ai</b>  |  |                                      |   |
| Course Description (Course syllabus, grading criteria, and reading list must be attached.):<br><b>An empirical examination of current issues in industrial organization and regulation. Topics include returns to scale, market structure, entry and exit, technological progress, and examination of particular regulated industries.</b>  |  |                                      |   |
| Prerequisites: <b>ECO 5424 and ECO 6116 required, ECO 6426 recommended or permission of instructor</b>  |  |                                      |   |
| Corequisites:   |  |                                      |   |
| Intended Students (Mark all that apply.):<br><input type="checkbox"/> Undergraduate Nonmajors <input checked="" type="checkbox"/> Graduate Students <input type="checkbox"/> Other (specify):<br><input type="checkbox"/> Undergraduate Majors <input type="checkbox"/> Honors Students<br><input type="checkbox"/> Advanced Undergraduates |  |                                      |   |
| Category of Instruction: <input type="checkbox"/> Introductory <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/> Advanced   |  |                                      |   |
| the department chair (by name & department) with whom you have cleared any question of possible duplication or infringement by this course. Each such chair must either sign the syllabus requested, indicate no concern over possible infringement, or make comments. Any lack of comments or signatures must be indicated.                |  |                                      |   |
| Effective Term (first term/year course will be offered):<br><b>Spring 1997</b>  | Department Contact and Telephone Number:<br><b>Lawrence W. Kenny, 392-0151</b>   |                                      |   |
| Signature, Department Chair:<br> _____ (Date) <b>10/23/97</b>   | Signature, College Dean: _____ (Date)  |                                      |   |
| Signature, Graduate Dean (if applicable): _____ (Date)  | Signature, Institutional Contact: _____ (Date)   |                                      |   |

**Part II: Faculty Discipline Committee Representative Use Only**

|  |      |
|--|------|
| Approved Course Classification (Prefix, Number, Lab Code):     |      |
| If not the same as recommended by institution, please explain: |      |
|  |      |
| SCNS Course Title (if new): _____                              |      |
| Decade Title (if new): _____                                   |      |
| Century Title (if new): _____                                  |      |
| Signature, Faculty Discipline Committee Representative         | Date |

**Part III: SCNS Staff Use Only**

|           |              |                       |
|-----------|--------------|-----------------------|
| Signature | Date Entered | Correspondence Number |
|-----------|--------------|-----------------------|

- **Empirical Industrial Organization (1 or 2 credits).**

An empirical examination of current issues in industrial organization and regulation. Topics include returns to scale, market structure, entry and exit, technological progress, and examinations of particular regulated industries.



## EMPIRICAL INDUSTRIAL ORGANIZATION

This course is designed for those who have taken ECP6405, ECP6426, and ECO5427. A knowledge of microeconometrics at the level of ECO6426 is desired. The requirement of the course consists of a final examination and a research paper.

The listed articles below are intended to provide references to the current empirical literature. Selected articles will be covered and the selection of the articles will be announced in class.

### Useful Textbooks.

T. Bresnahan and R. Schmalensee, *The Empirical Renaissance in Industrial Economics*, Basil Blackwell, 1987.

R. Schmalensee and R. Willig, *Handbook of Industrial Organization*, North-Holland, 1989.

### Production and cost function

D. Evans and J. Heckman, "A test for subadditivity of the cost function with an application to the Bell system," *AER*, 615-623, 1984

— Comments and Errata, *AER*, 854-858.

Z. Griliches and J. Mairesse, "Production Functions: The search for identification", mimeo, 1995.

D.W. Jorgenson, "Econometric Methods for Modeling Producer Behavior," in Z. Griliches and M. Intriligator, ed., *Handbook of Econometrics*, Vol 3, 1986.

Y. Mundlak, "On the (in)efficiency of empirical dual production functions and related issues," University of Chicago mimeo, 1994.

S. Olley and A. Pakes, "The dynamics of productivity in the telecommunications industry," NBER Working Paper No. 3977, 1992.

J. Panzar, "Technological determinants of firm and industry structure," *Handbook*, Vol 1, Chapter 1.

L.H. Roller, "Proper quadratic cost functions with an application to the Bell system," *RESTAT*, 202-210, 1990.

### Relative Efficiency and Scale Economy

S. Atkinson and R. Halvorsen, "Parametric Efficiency Tests, Economies of Scale, and input demand in U.S. electric power generation," *IER* 647-662, 1984.

S. Atkinson and R. Halvorsen, "The relative efficiency of public and private firms in

a regulated environment: The case of U.S. electric utilities," J. Pub. Econ., 281-294, 1986.

R. Fare, S. Grosskopf, and J. Logan, "The relative performance of publicly-owned and privately-owned electric utilities," J. Pub. Econ., 89-106, 1985.

T.J. Klette and Z. Griliches, "The inconsistency of common scale estimators when output prices are unobserved and endogenous," NBER Working paper #4026, 1992.

R.A. Meyer, "Publicly owned versus privately owned utilities: A policy choice," RESTAT, 391-399, 1975.

M. Nerlove, "Returns to scale in electricity supply," in Carl F. Christ (ed.), Measurement in Economics, 1963.

D.R. Pescatrice and J.M. Trapani III, "The performance and objectives of public and private utilities operating in the United States," J. Pub. Econ. 259-276, 1980.

J.A. Yunker, "Economic performance of public and private enterprise: The case of U.S. electric utilities," J.Economics and Business, 60-67, 1975.

### **Imperfect Competition**

O. Ashenfelter and D. Sullivan, "Nonparametric tests of market structure: an application to the cigarette industry," Renaissance, 113-128.

J. Baker, "Identifying cartel policing under uncertainty: The U.S. steel industry," JLE, 547-576, 1989.

J. Baker and T. Bresnahan, "Estimating the residual demand curve facing a single firm," IJIO, 283-300, 1988.

S. Berry, "Discrete choice models of oligopoly product differentiation," mimeo, 1991

S. Berry, J. Levinsohn, and A. Pakes, "Automobile prices in market equilibrium," mimeo, 1992.

T. Bresnahan, "Competition and collusion in the American automobile industry: The 1955 price war," Renaissance, 87-112.

T. Bresnahan, "Empirical studies of industries with market power," Handbook, Vol 2, Chapter 17.

D. Carlton and R. Gerttner, "Market power and mergers in durable good industries," JLE, 5203-5226, 1989.

P. Goldberg, "Product differentiation and oligopoly in international markets: The case of the U.S. automobile industry," mimeo, Princeton, 1992.

R. Hall, "The relationship between price and marginal cost in U.S. industry," JPE, 921-947, 1988.

J. Hausman, G. Leonard, and D.Zona, "Competitive analysis with differentiated products," mimeo, MIT, 1992.

J. Panzar and J. Rosse, "Testing for "monopoly" equilibrium," Renaissance, 73-86.

M. Roberts and L. Samuelson, "An empirical analysis of dynamic, nonprice competition in an oligopolistic industry," RJE, 200-220, 1988.

D. Scheffman and P. Spiller, "Geographic market definitions under the U.S. Department of Justice Merger Guidelines," JLE, 123-147, 1987.

R. Schmalensee, "Econometric diagnosis of competitive localization," IJIO, 57-70, 1985.

R. Schmalensee, "Inter-industry studies of structure and performance," Handbook, Vol 2, Chapter 16.

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V. Suslow, "Estimating monopoly behavior with competitive recycling: An application to ALCOA," RJE, 389-403, 1986.

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S. Berry, "Estimation of a model of entry in the airline industry," Econometrica, 889-917, 1992.

T. Bresnahan and P. Reiss, "Do entry conditions vary cross markets?" BPEA, 833-871, 1987.

T. Bresnahan and P. Reiss, "Entry in monopoly markets," RESTUD, 531-553, 1990.

T. Bresnahan and P. Reiss, "Entry and competition in concentrated markets," JPE, 977-1009, 1991.

M. Burns, "Predatory pricing and the acquisition costs of competitors," JPE, 266-296, 1986.

R. Caves, M. Whinston, and M. Hurwitz, "Patent expiration, entry, and competition in the U.S. pharmaceutical industry," BPEA, 1-48, 1991.

M. Deily, "Exit strategies and plant-closing decisions: The case of steel," RJE, 250-263, 1991.

T. Dunne, M. Roberts, and L. Samuelson, "Patterns of firm entry and exit in U.S. manufacturing industries," RJE, 495-515, 1988.

T. Dunne, M. Roberts, and L. Samuelson, "The growth and failure of U.S. manufacturing plants," QJE, 671-698, 1989.

T. Dunne, M. Roberts, and L. Samuelson, "Firm entry and post-entry performance in the U.S. chemical industries," JLE, S233-S271, 1989.

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D. Evans, "The relationship between firm growth, size, and age: Estimates for 100 manufacturing industries," Renaissance, 197-211.

B. Hall, "The relationship between firm size and firm growth in the U.S. manufacturing sector," Renaissance, 213-236.

S. Klepper and S. Graddy, "The evolution of new industries and the determinants of market structure," RJE, 27-44, 1990.

M. Lieberman, "Exit from declining industries: 'Shakeout' or 'stakeout'?" RJE, 538-554, 1990.

A. Pakes and R. Ericson, "Empirical implications of alternative models of firm dynamics," mimeo, Yale, 1990.

P. Reiss and P. Spiller, "Competition and entry in small airline markets," JLE, S179-S202, 1989.

J. Rizzo and R. Zeckhauser, "Advertising and entry: The case of physicians' services," JPE, 476-500, 1990.

J. Sutton, Sunk Costs and Market Structure, MIT, 1991.

### **Regulation**

P. Joskow and N. Rose, "The effects of economic regulation," Handbook, Vol 2, Chapter 25.

M. Zimmer, "Empirical tests of the Averch-Johnson hypothesis: A critical appraisal," in G.S. Maddala (ed.), Econometric Studies in Energy Demand.

### **Airlines**

S. Borenstein, "Hubs and high fares: Dominance and market power in the U.S. airline industry," RJE, 344-365, 1989.

S. Borenstein, "The dominant firm advantage in multiproduct industries: Evidence from U.S. airlines," QJE, 1237-1266, 1991.

S. Borenstein, "The evolution of U.S. airline competition," JEP, 45-73, 1992.

S. Borenstein and N. Rose, "Competition and price dispersion in the U.S. airline industry," mimeo, MIT, 1992.

J. Brander and A. Zhang, "Market conduct in the airline industry: An empirical investigation," RJE, 567-583, 1990.

J. Brueckner, N. Dyer, and P. Spiller, "Fare determination in airline hub-and-spoke networks," RJE, 309-333, 1992.

A. Kahn, "Surprises of airline deregulation," AER, 316-322, 1988.

S. Morrison and C. Winston, "Enhancing the performance of the deregulated air transportation system," BPEA, 61-322, 1988.

N. Rose, "Fear of flying? Economic analyses of airline safety," JEP, 75-94, 1992.

M. Winston and S. Collins, "Entry and competitive structure in deregulated airline markets: An event study analysis of People Express," RJE, 445-462, 1992.

#### *Cable TV*

A. Jaffe and D. Kanter, "Market power of local cable television franchises: Evidence from the effect of deregulation," RJE, 226-234, 1990.

J. Mayo and Y. Otsuka, "Demand, pricing, and regulation: Evidence from the cable TV industry," RJE, 396-410, 1991.

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M. Zupan, "Cable franchise renewals: Do incumbent firms behave opportunistically?" RJE, 473-482, 1989.

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P. Joskow, "Regulatory failure, regulatory reform, and structural change in the electric power industry," BPEA, 125-208, 1989.

J. Marshall and P. Navarro, "Costs of nuclear construction: Theory and new evidence," RJE, 148-154, 1991.

N. Rose and P. Joskow, "The diffusion of new technologies: Evidence from the electric utility industry," RJE, 354-373, 1990.

T. Taylor and P. Schwartz, "The long-run effects of a time-of-use demand charge," RJE, 431-445, 1990.

#### *Surface Freight Transportation*

K. Boyer, "The costs of price regulation: Lessons from railroad deregulation," RJE, 408-416, 1987.

P. Garrod and W. Miklius, "Captive shippers and the success of railroads in capturing monopoly rent," JLE, 423-442, 1987.

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S. Berg and D. Foreman, "Incentive Regulation and Telco Performance", mimeo, 1994.

R. Crandall, "Surprises from telephone deregulation and the AT&T divestiture," AER, 323-327, 1988.

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A. Mathios and R.P. Rogers, "The impact of alternative forms of state regulation of AT&T on direct-dial, long-distance telephone rates," RJE, 437-453, 1989.

B. Mitchell and I. Vogelsang, Telecommunications Pricing: Theory and Applications, 1991.

R. Noll and B. Owen, "The anticompetitive uses of regulation: United States vs AT&T," in J. Kwoka and L. White, editors, The Antitrust Revolution, 290-337, 1989.

C. Nowell and J. Tschirhart, "Testing competing theories of regulatory behavior," Review of Industrial Organization, 1993.

SW.J. Primeaux, J.E. Herren, and D.R. Hollas, "Determinants of regulatory policies toward competition in the electric utility industry," Public Choice, 173-186, 1984.

David E.M. Sappington and Dennis L. Weisman, "Potential Pitfalls in Empirical Investigations of the Effects of Incentive Regulation Plans in the Telecommunications Industry," University of Florida mimeo.

W. Taylor, C. Zarkadas, and J. Zona, "Incentive regulation and the diffusion of new technology in telecommunications," NBER, 1994.

### **Auctions**

O. Ashenfelter, "How auctions work for wine and art," JEP, 23-36, 1989.

D. Graham and R. Marshall, "Collusive bidder behavior at single object second price and English auctions," JPE, 1217-1239, 1987.

K. Hendricks and R. Porter, "An empirical study of an auction with asymmetric information," AER, 865-883, 1988.

K. Hendricks, R. Porter and B. Boudreau, "Information, returns, and bidding behavior in O.G.S. auctions: 1954-1969," Renaissance, 147-172.

J. Laffont, H. Ossard, and Q. Vuong, "Econometrics of first price auctions," mimeo, 1991.

P. McAfee and J. McMillan, "Auctions and bidding," JEL, 699-738, 1987.

H. Paarsch, "Deciding between the common and private value paradigms in empirical models of auctions," JEconometrics, 191-215, 1992.

R. Porter, "The role of information in U.S. offshore oil and gas lease auctions," Econometrica, 1995.

R. Porter and D. Zona, "Detection of bid rigging in procurement auctions," JPE, 1994.

R. Wilson, "Strategic analysis of auctions," mimeo, 1990.

#### Technical progress and R&D

T. Bresnahan, "Measuring the spillovers from technical advance: Mainframe computers in financial services," AER, 742-755, 1986.

W. Cohen and S. Klepper, "The anatomy of industry R&D intensity distributions," AER, 773-799, 1992.

W. Cohen and R. Levin, "Empirical studies of innovation and market structure," Handbook, Vol 2, Chapter 18.

W. Cohen, R. Levin, and D. Mowery, "Firm size and R&D intensity: A reexamination," Renaissance, 173-195.

Z. Griliches, "Patents: Recent trends and puzzles," BPEA, 291-330, 1989.

Z. Griliches, "Patent statistics as economic indicators: A survey," JEL, 1661-1707, 1990.

A. Jaffe, "Technological opportunity and spillovers of R&D: Evidence from firms' patents, profits, and market value," AER, 984-1001, 1986.

R. Levin, A. Klevorick, R. Nelson, and S. Winter, "Appropriating the returns from industrial research and development," BPEA, 783-820, 1987.

R. Levin and P. Reiss, "Cost-reducing and demand-creating R&D with spillovers," RJE, 538, 556, 1988.

A. Pakes, "Patents as options: Some estimates of the value of holding European patent

stocks," *Econometrica*, 755-784, 1986.

A. Pakes and M. Simpson, "Patent renewal data," *BPEA*, 331-401, 1989.

M. Trajtenberg, "The welfare analysis of product innovations, with an application to computed topography scanners," *JPE*, 444-479, 1989.

### **Organizations**

K. Crocker and S. Masten, "Mitigating contractual hazards: Unilateral options and contract length," *RJE*, 327-343, 1988.

P. Joskow, "Vertical integration and long-term contracts: The case of coal-burning electric from coal markets," *AER*, 168-185.

P. Joskow, "Price adjustment in long-term contracts: The case of coal," *JLE*, 47-83, 1988.

P. Joskow, "Asset specificity and the structure of vertical relationships: Empirical evidence," *JLEO*, 95-117, 1988.

K. Leffler and R. Rucker, "Transaction costs and the efficient organization of production: A study of timber harvesting," *JPE*, 1060-1087, 1991.

T. Muris, D. Scheffman, and P. Spiller, "Strategy and transaction costs: The organization of distribution in the carbonated soft drink industry," *JEMS*, 83-128, 1992.

A. Shepard, "Price discrimination and retail configuration," *JPE*, 30-53, 1991.

M. Wolfson, "Empirical evidence of incentive problems and their mitigation in oil and gas tax shelter programs," in J. Pratt and R. Zeckhauser, editors, *Principals and Agents: The Structure of Business*, 101-125.



Florida Department of Education  
 Statewide Course Numbering System  
**New Course Transmittal Form**  
 (see instructions on reverse side)

Form UCC1  
 OAA # \_\_\_\_\_

**Part I: To Be Completed By the Institution or School District**

|   |  |                                      |   |
|---|--|--------------------------------------|---|
| Institution/District:<br><b>University of Florida</b>   | District Code:<br><b>00</b>  | Institutional Code:<br><b>001535</b> | Instructional Unit or Department:<br><b>Economics</b> |
| <b>Add Course As Indicated Below:</b>   |  |                                      |   |
| Recommended SCNS Course Identification:<br>Discipline (SMA) _____ Prefix <u>ECO</u> Level <u>6</u> Course Number _____ Lab Code _____ Contact Hour Base <u>2</u> or Head Count _____  |  |                                      |   |
| Institution's Course Title: <b>Welfare Economics and the Second Best</b>  |  |                                      |   |
| Amount of Credit: <b>1 or 2</b>   | If Repeatable Credit or Variable Credit: _____ total repeatable credit allowed |                                      |   |
| Instructor: <b>J. Hamilton</b>  | _____ minimum / _____ maximum credit within a semester                         |                                      |   |
| Course Description (Course syllabus, grading criteria, and reading list must be attached.):<br><b>An introduction and overview to public sector economics. Topics include basic welfare economics, optimal commodity taxation, and public goods and welfare.</b>  |  |                                      |   |
| Prerequisites: <b>ECO 6115</b>  |  |                                      |   |
| Corequisites:   |  |                                      |   |
| Intended Students (Mark all that apply.):   |  |                                      |   |
| <input type="checkbox"/> Undergraduate Nonmajors <input checked="" type="checkbox"/> Graduate Students <input type="checkbox"/> Other (specify):<br><input type="checkbox"/> Undergraduate Majors <input type="checkbox"/> Honors Students<br><input type="checkbox"/> Advanced Undergraduates                                      |  |                                      |   |
| Category of Instruction: <input type="checkbox"/> Introductory <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/> Advanced   |  |                                      |   |
| _____ the department chair (by name & department ) with whom you have cleared any question of possible duplication or infringement by this course. Each such chair must either sign the syllabus requested, indicate no concern over possible infringement, or make comments. Any lack of comments or signatures must be indicated. |  |                                      |   |
| Effective Term (first term/year course will be offered):<br><b>Fall 1996</b>  | Department Contact and Telephone Number:<br><b>Lawrence W. Kenny, 392-0151</b> |                                      |   |
| Signature, Department Chair:<br><i>Lawrence W. Kenny</i> (Date) <b>10/23/55</b>   | Signature, College Dean: _____ (Date)  |                                      |   |
| Signature, Graduate Dean (if applicable): _____ (Date)  | Signature, Institutional Contact: _____ (Date)                                 |                                      |   |

**Part II: Faculty Discipline Committee Representative Use Only**

|  |      |
|--|------|
| Approved Course Classification (Prefix, Number, Lab Code):     |      |
| If not the same as recommended by institution, please explain: |      |
|  |      |
| SCNS Course Title (if new): _____                              |      |
| Decade Title (if new): _____                                   |      |
| Century Title (if new): _____                                  |      |
| Signature, Faculty Discipline Committee Representative         | Date |

**Part III: SCNS Staff Use Only**

|           |              |                       |
|-----------|--------------|-----------------------|
| Signature | Date Entered | Correspondence Number |
|-----------|--------------|-----------------------|

- **Welfare Economics and the Second Best (1 or 2 credits).**

An introduction and overview to public sector economics. Topics include basic welfare economics, optimal commodity taxation, and public goods and welfare.

PUBLIC SECTOR ECONOMICS:  
WELFARE ECONOMICS AND THE SECOND-BEST

This is the first of a four-half-semester course sequence on the economics of the public sector. This course covers basic welfare economics, optimal commodity taxation, and an introduction to public goods and externalities. It is essentially the prerequisite to the later courses covering taxation (theory and policy), government expenditure, and empirical research in public economics.

Do not be alarmed at the length of the reading list. The reading list is much more extensive than what will actually be covered; it is intended to serve as a reference guide for your work and general bibliography. At the beginning of each section, I will announce which articles you will be responsible for. Starred articles will definitely be covered.

REQUIREMENTS

Problem sets will be assigned approximately one every two weeks. They are important for learning the material, but do not count heavily toward your grade. Some problem sets extend a lecture presentation, while others include detailed examples. Cooperation on these exercises is permitted. Unless stated otherwise, they must be handed in for grading. The formal requirements are the problem sets and an in-class final exam.

## ABBREVIATIONS OF JOURNAL TITLES

|        |                                       |
|--------|---------------------------------------|
| AER    | American Economic Review              |
| Bell   | Bell Journal of Economics             |
| BPEA   | Brookings Papers on Economic Activity |
| EL     | Economics Letters                     |
| Ema    | Econometrica                          |
| JEP    | Journal of Economic Perspectives      |
| JET    | Journal of Economic Theory            |
| JPole  | Journal of Political Economy          |
| JPubE  | Journal of Public Economics           |
| NTJ    | National Tax Journal                  |
| QJE    | Quarterly Journal of Economics        |
| REStat | Review of Economics and Statistics    |
| REStud | Review of Economic Studies            |

## TEXTS

|     |   |
|-----|---|
| A&S | Atkinson and Stiglitz, <u>Lectures on Public Economics</u> , McGraw-Hill      |
| F   | Feldman, <u>Welfare Economics and Social Choice Theory</u> , Martinus Nijhoff |
| Q&S | <u>Modern Public Finance</u> , Harvard  |

These books have been ordered for the course. While most of the material in the course is from journal articles, these books have useful presentations of much of the material covered. For some topics, we will use the presentation in a text directly. Stiglitz's The Economics of the Public Sector is an undergraduate text with a modern approach to many topics. You may find it useful from time to time.

## OTHER BOOKS

|          |   |
|----------|---|
| T        | Tresch, <u>Public Finance: A Normative Theory</u> , Southwestern                  |
| H        | Auerbach and Feldstein, eds., <u>Handbook of Public Economics</u> , North-Holland |
| Mueller  | <u>Public Choice II</u> , Cambridge   |
| Starrett | <u>Foundations of Public Economics</u> , Cambridge                                |

## SYLLABUS

### I. SOME BASIC WELFARE ECONOMICS

\*F ch. 1-4, 6, 7

Bator, "Simple Analytics of Welfare Maximization," AER 47: 22-59 (1957)

Bator, "Anatomy of Market Failure," OJE 72: 351-379 (1958)

Boadway and Bruce, Welfare Economics, Basil Blackwell (1984)

\*Samuelson, "Social Indifference Curves," OJE 70: 1-22 (1956)

### II. PUBLIC GOODS

\*Samuelson, "Diagrammatic Exposition of a Theory of Public Expenditure," REStat 37: 350-356 (1955)

Samuelson, "The Pure Theory of Public Expenditure," REStat 36: 387-389 (1954)

Samuelson, "Aspects of Public Expenditure Theories," REStat 40: 332-338 (1958)

Samuelson, "Contrast Between Welfare Conditions for Joint Supply and Public Goods," REStat 26-30 (1969)

McGuire and Aaron, "Efficiency and Equity in the Optimal Supply of a Public Good," REStat 51: 31 (1969)

McGuire and Aaron, "Public Goods and Income Distribution," Econometrica 38: 907 (1970)

### III. POSITIVE TAX THEORY - BEHAVIORAL EFFECTS

A&S, ch. 2 and 3

Rosen, "Tax Illusion and the Labor Supply of Married Women," REStat 58: 167-172 (1976)

### IV. EXCESS BURDEN - THE MEASUREMENT OF WELFARE LOSS

H ch. 2 (Auerbach)

\*Kay, "The Deadweight Loss From a Tax System," JPubE 13: 111-119 (1980)

Stutzer, "Another Note on Deadweight Loss," JPubE 18: 277-284 (1982)

Hausman, "Exact Consumer's Surplus and Deadweight Loss," AER 71: 662-676 (1981)

Haveman, Gabay, and Andreoni, "Exact Consumer's Surplus and Deadweight Loss: A Correction," AER 77: 494-495 (1987)

- Mayshar, "On Measures of Excess Burden and Their Application,"  
JPubE 43: 263-289 (1990)
- Willig, "Consumer's Surplus without Apology," AER 66: 589-597  
 (1976)
- Weitzman, "Consumer's Surplus as an Exact Approximation When  
 Prices Are Appropriately Deflated," OJE 103: 543-553 (1988)
- Akerlof and Yellen, "Can Small Deviations from Rationality Make  
 Significant Differences to Economic Equilibria?," AER 75:  
 708-720 (1985)
- \*Dixit, "Welfare Effects of Tax and Price Changes," JPubE 4:  
 103-123 (1975)  
 Dixit and Munk, "Correction," JPubE 8:103-107 (1977)  
 Hatta, "Welfare Effects of Changing Commodity Tax Rates  
 Towards Uniformity," JPubE 29: 99-112 (1986)
- Corlett and Hague, "Complementarity and the Excess Burden of  
 Taxation," REStud 21: 21-30 (1953-54)

#### V. OPTIMAL COMMODITY TAXATION

A&S ch. 11, 12

T ch. 15, 16

- \*Diamond and Mirrlees, "Optimal Taxation and Public Production,  
 I-II," AER 61: 8-27, 261-278 (1971)
- Stiglitz and Dasgupta, "Differential Taxation, Public Goods and  
 Economic Efficiency," REStud 38: 151-174 (1971)
- Baumol and Bradford, "Optimum Departures from Marginal Cost  
 Pricing," AER 60: 265-283 (1970)
- Boiteux, "On the Management of Public Monopolies subject to  
 Budgetary Constraints," JET 3: 219-240 (1971)
- \*Diamond, "A Many-Person Ramsey Tax Rule," JPubE 4: 335-342  
 (1975)
- Stern, "The Theory of Optimal Commodity and Income Taxation: An  
 Introduction," in Newbery and Stern, The Theory of Taxation  
 in Developing Countries, Oxford (1987)
- Auerbach, "A Brief Note on a Non-existent Theorem about the  
 Optimality of Uniform Taxation," EL 3: 49-52 (1979)
- Heady, "A Diagrammatic Approach to Optimal Commodity Taxation,"  
Public Finance / Finances Publiques 42: 250-263 (1987)

VI. SECOND-BEST SOLUTIONS FOR GOVERNMENT EXPENDITURE

Atkinson and Stern, "Pigou, Taxation, and Public Goods," REStud  
41: 119-128 (1974)

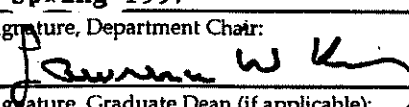
Wildasin, "On Public Good Provision with Distortionary Taxation,"  
Economic Inquiry 22: 227:243 (1984)  
Errata, Economic Inquiry 23: 185 (1985)

Slutsky, "Undersupply and the Untaxed Commodity: A Note on  
Atkinson and Stern," mimeo

Florida Department of Education  
 Statewide Course Numbering System  
**New Course Transmittal Form**  
 (see instructions on reverse side)

Form UCC1  
 OAA # \_\_\_\_\_

**Part I: To Be Completed By the Institution or School District**

|   |  |   |   |
|---|--|---|---|
| Institution/District:<br><b>University of Florida</b>   | District Code:<br><b>00</b>  | Institutional Code:<br><b>001535</b>                  | Instructional Unit or Department:<br><b>Economics</b> |
| <b>Add Course As Indicated Below:</b>   |  |   |   |
| Recommended SCNS Course Identification:<br>Discipline (SMA) _____ Prefix <u>ECO</u> Level <u>6</u> Course Number _____ Lab Code _____ Contact Hour Base <u>2</u> or Head Count _____  |  |   |   |
| Institution's Course Title: <b>Empirical Public Economics</b>   |  |   |   |
| Amount of Credit: <b>1 or 2</b>   | If Repeatable Credit or Variable Credit: _____ total repeatable credit allowed |   |   |
| Instructor: <b>M. Werner</b>  | _____ minimum / _____ maximum credit within a semester                         |   |   |
| Course Description (Course syllabus, grading criteria, and reading list must be attached.):<br>Various topics of empirical analysis of questions in the public sector, drawn from both the taxation and expenditure areas. One area of emphasis is estimation of costs or benefits in the provision of public goods.                      |  |   |   |
| Prerequisites: <b>ECO 5424 and ECO 6115</b>   |  |   |   |
| Corequisites:   |  |   |   |
| Intended Students (Mark all that apply.):   |  |   |   |
| <input type="checkbox"/> Undergraduate Nonmajors  |  | <input checked="" type="checkbox"/> Graduate Students |   |
| <input type="checkbox"/> Undergraduate Majors   |  | <input type="checkbox"/> Honors Students              |   |
| <input type="checkbox"/> Advanced Undergraduates  |  | <input type="checkbox"/> Other (specify):             |   |
| Category of Instruction: <input type="checkbox"/> Introductory <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/> Advanced   |  |   |   |
| Signature of the department chair (by name & department) with whom you have cleared any question of possible duplication or infringement by this course. Each such chair must either sign the syllabus requested, indicate no concern over possible infringement, or make comments. Any lack of comments or signatures must be indicated. |  |   |   |
| Effective Term (first term/year course will be offered):<br><b>Spring 1997</b>  | Department Contact and Telephone Number:<br><b>Lawrence W. Kenny, 392-0151</b> |   |   |
| Signature, Department Chair:<br> _____ (Date) <b>10/23/95</b>   | Signature, College Dean: _____ (Date)  |   |   |
| Signature, Graduate Dean (if applicable): _____ (Date)  | Signature, Institutional Contact: _____ (Date)                                 |   |   |

**Part II: Faculty Discipline Committee Representative Use Only**

|  |      |
|--|------|
| Approved Course Classification (Prefix, Number, Lab Code):     |      |
| If not the same as recommended by institution, please explain: |      |
| SCNS Course Title (if new): _____                              |      |
| Decade Title (if new): _____                                   |      |
| Century Title (if new): _____                                  |      |
| Signature, Faculty Discipline Committee Representative         | Date |

**Part III: SCNS Staff Use Only**

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|-----------|--------------|-----------------------|
| Signature | Date Entered | Correspondence Number |
|-----------|--------------|-----------------------|



- **Empirical Public Economics - (1 or 2 credits).**

Various topics of empirical analysis of questions in the public sector, drawn from both the taxation and expenditure areas. One area of emphasis is estimation of costs or benefits in the provision of public goods.

EMPIRICAL PUBLIC ECONOMICS: CONTINGENT VALUATION  
SPRING 1997

Megan Werner  
MAT 325  
Phone 392-0475  
Office Hours:

**Description**

This course is designed to make use of the theory learnt in your microeconomics, public economics, and econometrics courses to evaluate the use of contingent valuation surveys for measuring the costs or benefits in public economics.

**Prerequisites**

ECO 5424, ECO 6115 and Public Economics I.

**Exams**

Assessment for the course will be based on a take home final exam.

**Texts:**

Hausman, J.A. (ed) "Contingent Valuation: A Critical Assessment", Elsevier Science Publishers B.V. 1993.

Freeman, A.M. "The Measurement of Environmental and Resource Values: Theory and Practice" (1993)

Mitchell, R.C., and R.T. Carson "Using Surveys to Value Public Goods: The Contingent Valuation Method", Resources for the Future, Washington, DC, 1989

## COURSE OUTLINE

### **1. Measuring Values and Benefits.**

Freeman, Chapters 2,3.

Mitchell and Carson, Chapters 2,3.

### **2. Willingness to Pay vs Willingness to Accept.**

Willig, Robert D. (1976) "Consumer Surplus Without Apology" American Economic Review, Vol 66 No. 4, Sept pp. 589-97.

Carson, R.T., N.E. Flores (1994) "The Relationship Between the Income Elasticities of Demand and Willingness to Pay"

Hanemann, W.M., (1991) "Willingness to Pay and Willingness to Accept – How Much Can They Differ?" American Economic Review, June, N3:635-47.  
Paper from Hausman book?

### **3. Strategic Behavior.**

Mitchell and Carson, Chapters 6,7.

Bohm, P. (1972) "Estimating Demand for Public Goods: An Experiment", European Economic Review Vol. 3, pp. 111-130.

Palfrey, T. and H. Rosenthal (1990) "Testing game theoretic models of free riding: new evidence on probability bias and learning", Working Paper, California Institute of Technology.

Plott, C.R. (1992) "Contingent Valuation Methods as Applied to Nonuse of Natural Resources: Evidence from Experiments." Comment No. 6 submitted to the National Oceanic and Atmospheric Administration Blue Ribbon Panel on Contingent Valuation, 21 July 1992.

### **4. Hypothetical Values.**

Mitchell and Carson, Chapters 8,9.

Paper from Hausman?

### **5. Other Issues.**

Arrow, K.J. (1993) "Contingent Valuation of Nonuse Values: Observations and Questions", in Hausmann (ed).

Arrow, K.J. et al. (1993) "Report of the NOAA Panel on Contingent Valuation".

Diamond, P.A. and J.A. Hausman (1994) "Contingent Valuation: Is Some Number Better than No Number?", *Journal of Economic Perspectives*, Vol. 8, No. 4, pp. 45-64.

Hanemann, W.M. (1994) "Valuing the Environment through Contingent Valuation", *Journal of Economic Perspectives*, Vol. 8, No. 4, pp. 19-44.

Mitchell and Carson, Chapters 11,12.

Portney, R.P. (1994) "The Contingent Valuation Debate: Why Economists Should Care", *Journal of Economic Perspectives*, Vol. 8, No. 4, pp. 3-18.

## **6. Binary Choice Models.**

Bishop, R. and T. Heberlein (1979) "Measuring values of extra-market goods: are indirect measures biased?" *American Journal of Agricultural Economics*, Vol. 61, pp. 926-930.

Cameron, T. and M. James (1987) "Efficient estimation methods for use with 'closed ended' contingent valuation survey data", *Review of Economics and Statistics*, Vol. 69, pp. 269-276.

Hanemann, W.M. (1984) "Welfare Evaluations in Contingent Valuation Experiments with Discrete Responses." *American Journal of Agricultural Economics*, Vol. 66, pp. 332-341.

Hanemann, W.M. and B. Kristrom (1993) "Preference Uncertainty, Optimal Designs, and Spikes", in Brannlund, R., B. Kristrom, K-G Lofgren, and L. Mattsson (eds), *Environmental Economics, Proceedings of the International Conference held at Ulvön, Sweden, June 10-13, 1993*.

McConnell K. (1990) "Models for Referendum Data: The Structure of Discrete Choice Models for Contingent Valuation", *Journal of Environmental Economics and Management*, Vol. 18, pp. 19-34.

McFadden, D. and G. Leonard (1993) "Issues in the Contingent Valuation of Environmental Goods: Methodologies for Data Collection and Analysis", in Hausman, J.A. (ed).

Werner, M. "Allowing for Indifference in Dichotomous Choice Contingent Valuation Models" mimeo.

Florida Department of Education  
 Statewide Course Numbering System  
**Course Termination or Change Transmittal Form**  
 (See instructions on reverse side)

Form UCC2  
 OAA # \_\_\_\_\_

**Part I: To Be Completed By the Institution or School District**

|  |                             |  |   |
|--|-----------------------------|--|---|
| Institution/District:<br><b>University of Florida</b>  | District Code:<br><b>00</b> | Institutional Code:<br><b>001535</b>   | Instructional Unit or Department:<br><b>Economics</b> |
| Terminate Current Course: Effective term (month/year): _____   |                             |  |   |
| Current SCNS Course Identification:<br>Discipline (SMA) _____ Prefix <b>ECO</b> Level <b>6</b> Course Number <b>536</b> Lab Code _____ Contact Hour Base <b>4</b> or Head Count _____<br>Institution's Course Title: <b>Public Expenditures and Collective Decisions</b>   |                             |  |   |
| Change Course As Indicated Below:  |                             |  |   |
| Item to Change   | Change From                 | Change To  |   |
| Reclassify: Pref, No., Lab Code  | (See above)                 |  |   |
| Level  | (See above)                 |  |   |
| Amount of Credit   | <b>3</b>                    | <b>1 or 2</b>  |   |
| Contact Hour Base or Head Count  | <b>4</b>                    | <b>2</b>   |   |
| Prerequisites/Corequisites   |                             | <b>ECO 6536</b>  |   |
| Change Course Title: <b>Public Expenditure Theory</b>  |                             |  |   |
| Change Course Description (Course syllabus must be attached.): <b>An advanced survey of public goods and externalities. Topics include mechanisms for efficient allocation of public goods are considered, with particular emphasis on inducing truthful revelation of preferences in a variety of information settings and Pigovian and Coasian solutions to externalities.</b> |                             |  |   |
| Intended Students (Mark all that apply.):<br><input type="checkbox"/> Undergraduate Nonmajors <input checked="" type="checkbox"/> Graduate Students <input type="checkbox"/> Other (specify):<br><input type="checkbox"/> Undergraduate Majors <input type="checkbox"/> Honors Students <input type="checkbox"/> Advanced Undergraduates   |                             |  |   |
| Category of Instruction: <input type="checkbox"/> Introductory <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/> Advanced  |                             |  |   |
| Effective Term (month/year):<br><b>Spring 1997</b>   |                             | Department Contact and Telephone Number:<br><b>Lawrence W. Kenny, 392-0151</b> |   |
| Signature, Department Chair:<br><i>Lawrence W. Kenny</i> (Date) <b>10/23/95</b>  |                             | Signature, College Dean: _____ (Date) _____                                    |   |
| Signature, Graduate Dean (if applicable): _____ (Date) _____   |                             | Signature, Institutional Contact: _____ (Date) _____                           |   |

**Part II: Faculty Discipline Committee Representative Use Only**

|  |      |
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| Approved Course Classification (Prefix, Number, Lab Code): _____     |      |
| If not the same as recommended by institution, please explain: _____ |      |
| SCNS Course Title (if new): _____                                    |      |
| Decade Title (if new): _____   |      |
| Century Title (if new): _____  |      |
| Signature, Faculty Discipline Committee Representative               | Date |

**Part III: SCNS Staff Use Only**

|           |              |                       |
|-----------|--------------|-----------------------|
| Signature | Date Entered | Correspondence Number |
|-----------|--------------|-----------------------|

- **Public Expenditure Theory (1 or 2 credits).**

An advanced survey of public goods and externalities. Topics include mechanisms for efficient allocation of public goods are considered, with particular emphasis on inducing truthful revelation of preferences in a variety of information settings and Pigovian and Coasian solutions to externalities.

PUBLIC ECONOMICS III  
Public Expenditure Theory

(I) Public Goods

(A) Lindahl Equilibrium

Johansen, "Some Notes on the Lindahl Theory of Determination of Public Expenditures," I.E.R. Sept., 63.

Johansen, Public Economies, Chapter 6, pp. 123-153.

Johansen, "The Theory of Public Goods: Misplaced Emphasis?", J. Pub. E., 1977, pp. 147-152.

(B) General Equilibrium Analysis

Foley, "Resource Allocation and the Public Sector," Yale Economic Essays, Spring 1967.

Mileron, "Theory of Value with Public Goods: A Survey Article," I.E.T., Dec. 1972, pp. 419-477.

Groves and Ledyard, "Existence of Incentive Compatible Equilibria with Public Goods," Econometrica, 1980, pp. 1487-1506.

(C) Mechanism Design

(C1) Dominant Strategy Mechanisms

Groves, "Incentives in Teams" Econometrica, 1973, pp. 617-631.

Groves and Loeb, "Incentives and Public Inputs," J. Pub. E., 1975, pp. 221-226.

Tideman and Tullock, "A New and Superior Process for Making Social Decisions," J.P.E., 1976, pp. 1145-1159.

Riker, "Is a 'New and Superior Process' Really Superior?", J.P.E., 1979.

Green and Laffont, Incentives in Public Decision Making, 1979, North Holland.

(C2) Complete Information

Groves and Ledyard, "Optimal Allocation of Public Goods: A Solution to the Free Rider Problem," Econometrica.

Walker, "A Simple Incentive Compatible Scheme for Attaining Lindahl Allocations," Econometrica, 1981, pp. 65-73.

Maskin, "The Theory of Implementation in Nash Equilibrium: A Survey" in Social Goals and Social Organization, edited by Hurwicz, Schmeidler, and Sonnenschein, Cambridge Press, 1985.

Moore, "Implementation, Contracts, and Renegotiation in Environments with Complete Information" in Advances in Economic Theory, Sixth World Congress, Vol. 1, edited by Jean-Jacques Laffont, Cambridge Press, 1992.

Li, Nakamura and Tian, "Nash-Implementation of the Lindahl Correspondence with Decreasing Returns to Scale Technologies," IER, Feb. 1995, pp. 37-52.

(C3) Incomplete Information

Laffont and Maskin, "The Theory of Incentives: An Overview," in Advances in Economic Theory, Fourth World Congress, 1982, Cambridge Press.

Myerson, "Bayesian Equilibrium and Incentive-Compatibility: An Introduction," in Social Goals and Social Organization, edited by Hurwicz, Schmeidler, and Sonnenschein, Cambridge Press, 1985.

(D) Voluntary Provision

Olson, The Logic of Collective Action, Harvard University Press, 1965.

Bergstrom, Blume, and Varian, "On the Private Provision of Public Goods," J. Pub. E., 1986, pp. 25-49.

(E) Decentralization

Bergstrom and Cornes, "Independence of Allocative Efficiency from Distribution in the Theory of Public Goods," Econometrica, 1753-1765.

Hamilton and Slutsky, "Decentralization as Separation with Information Transfers."

Hamilton and Slutsky, "Decentralizing Taxation and Public Expenditure Within a Federation."



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(II) Externalities

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Coase, "The Problem of Social Cost," Journal of Law and Economics, Vol. 3, 1960, 1-44.

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Carlton and Loury, "The Limitations of Pigovian Taxes as a Long-Run Remedy for Externalities," QJE, Vol. 94, 1980, 559-566.

Baumol and Oates, The Theory of Environmental Policy, 2nd ed., Cambridge Press, 1988.

Hamilton, Sheshinski, and Slutsky, "Production Externalities and Long-Run Equilibria: Bargaining and Pigovian Taxation," Economic Inquiry, Vol. 27, July 1989, 453-471.

Florida Department of Education  
Statewide Course Numbering System  
**Course Termination or Change Transmittal Form**  
(See instructions on reverse side)

Form UCC2  
OAA # \_\_\_\_\_

**Part I: To Be Completed By the Institution or School District**

|  |   |   |  |
|--|---|---|--|
| Institution/District:<br><b>University of Florida</b>  | District Code:<br><b>00</b>   | Institutional Code:<br><b>001535</b>                    | Instructional Unit or Department:<br><b>MANAGEMENT</b> |
| Terminate Current Course: Effective term (month/year): _____   |   |   |  |
| Current SCNS Course Identification:<br>Discipline (SMA) _____ Prefix <b>BUL</b> Level <b>6</b> Course Number <b>930</b> Lab Code _____ Contact Hour Base <b>3</b> or Head Count _____<br>Institution's Course Title: <b>SPECIAL TOPICS</b>   |   |   |  |
| Change Course As Indicated Below:  |   |   |  |
| Item to Change   | Change From   | Change To   |  |
| Reclassify: Pref, No., Lab Code  | (See above)   |   |  |
| Level  | (See above)   |   |  |
| Amount of Credit   | 3   | VARIABLE- 1-3 (MAX 12 credits)                          |  |
| Contact Hour Base or Head Count  | 3   | VARIABLE- .5 to 3 (will state when course is scheduled) |  |
| Prerequisites/Corequisites   |   |   |  |
| Change Course Title:   |   |   |  |
| Change Course Description (Course syllabus must be attached.):   |   |   |  |
| Intended Students (Mark all that apply.):<br><input type="checkbox"/> Undergraduate Nonmajors <input checked="" type="checkbox"/> Graduate Students <input type="checkbox"/> Other (specify):<br><input type="checkbox"/> Undergraduate Majors <input type="checkbox"/> Honors Students <input type="checkbox"/> Advanced Undergraduates |   |   |  |
| Category of Instruction: <input type="checkbox"/> Introductory <input type="checkbox"/> Intermediate <input checked="" type="checkbox"/> Advanced  |   |   |  |
| Effective Term (month/year):<br><b>Spring 1996</b>   | Department Contact and Telephone Number:<br><b>Lea King      392-0163</b> |   |  |
| Signature, Department Chair:<br><i>Ugoin G. M...</i> (Date) <b>September 14, 1995</b>  | Signature, College Dean:  |   | (Date)   |
| Signature, Graduate Dean (if applicable):  | (Date)  | Signature, Institutional Contact:                       | (Date)   |

**Part II: Faculty Discipline Committee Representative Use Only**

|  |      |
|--|------|
| Approved Course Classification (Prefix, Number, Lab Code): _____ |      |
| If not the same as recommended by institution, please explain:   |      |
| SCNS Course Title (if new): _____                                |      |
| Decade Title (if new): _____                                     |      |
| Century Title (if new): _____                                    |      |
| Signature, Faculty Discipline Committee Representative           | Date |

**Part III: SCNS Staff Use Only**

|           |              |                       |
|-----------|--------------|-----------------------|
| Signature | Date Entered | Correspondence Number |
|-----------|--------------|-----------------------|

Florida Department of Education  
Statewide Course Numbering System  
**Course Termination or Change Transmittal Form**  
(See instructions on reverse side)

Form UCC2  
OAA # \_\_\_\_\_

**Part I: To Be Completed By the Institution or School District**

|  |                             |  |  |
|--|-----------------------------|--|--|
| Institution/District:<br><b>University of Florida</b>  | District Code:<br><b>00</b> | Institutional Code:<br><b>001535</b>                                     | Instructional Unit or Department:<br><b>MANAGEMENT</b> |
| Terminate Current Course: Effective term (month/year): _____   |                             |  |  |
| Current SCNS Course Identification:<br>Discipline (SMA) _____ Prefix <b>MAN</b> Level <b>6</b> Course Number <b>321</b> Lab Code _____ Contact Hour Base _____ or Head Count _____<br>Institution's Course Title: <b>PERSONNEL TECHNIQUES AND ADMINISTRATION</b>   |                             |  |  |
| Change Course As Indicated Below:  |                             |  |  |
| Item to Change   | Change From                 | Change To  |  |
| Reclassify: Pref, No., Lab Code  | (See above)                 |  |  |
| Level  | (See above)                 |  |  |
| Amount of Credit   |                             |  |  |
| Contact Hour Base or Head Count  |                             |  |  |
| Prerequisites/Corequisites   |                             |  |  |
| Change Course Title: <b>HUMAN RESOURCE MANAGEMENT</b>  |                             |  |  |
| Change Course Description (Course syllabus must be attached.):   |                             |  |  |
| Intended Students (Mark all that apply.):<br><input type="checkbox"/> Undergraduate Nonmajors <input checked="" type="checkbox"/> Graduate Students <input type="checkbox"/> Other (specify):<br><input type="checkbox"/> Undergraduate Majors <input type="checkbox"/> Honors Students <input type="checkbox"/> Advanced Undergraduates |                             |  |  |
| Category of Instruction: <input type="checkbox"/> Introductory <input type="checkbox"/> Intermediate <input type="checkbox"/> Advanced   |                             |  |  |
| Effective Term (month/year):<br><b>Spring 1996</b>   |                             | Department Contact and Telephone Number:<br><b>Lea King 904-392-0163</b> |  |
| Signature, Department Chair:<br><i>Virginia S. Mauer</i> 9/11/95      (Date)   |                             | Signature, College Dean: _____ (Date)                                    |  |
| Signature, Graduate Dean (if applicable): _____ (Date)   |                             | Signature, Institutional Contact: _____ (Date)                           |  |

**Part II: Faculty Discipline Committee Representative Use Only**

|   |      |
|---|------|
| Approved Course Classification (Prefix, Number, Lab Code): _____            |      |
| If not the same as recommended by institution, please explain:<br><br>_____ |      |
| SCNS Course Title (if new): _____   |      |
| Decade Title (if new): _____  |      |
| Century Title (if new): _____   |      |
| Signature, Faculty Discipline Committee Representative                      | Date |

**Part III: SCNS Staff Use Only**

|           |              |                       |
|-----------|--------------|-----------------------|
| Signature | Date Entered | Correspondence Number |
|-----------|--------------|-----------------------|

Florida Department of Education  
 Statewide Course Numbering System  
**New Course Transmittal Form**  
 (see instructions on reverse side)

Form UCC1  
 OAA # \_\_\_\_\_

**Part I: To Be Completed By the Institution or School District**

|   |                             |  |                                   |
|---|-----------------------------|--|-----------------------------------|
| Institution/District:<br><b>University of Florida</b>   | District Code:<br><b>00</b> | Institutional Code:<br><b>001535</b>   | Instructional Unit or Department: |
| <b>Add Course As Indicated Below:</b>   |                             |  |                                   |
| Recommended SCNS Course Identification: <b>MAN 6xxx</b>   |                             |  |                                   |
| Discipline (SMA) _____ Prefix _____ Level _____ Course Number _____ Lab Code _____ Contact Hour Base <b>3</b> or Head Count _____   |                             |  |                                   |
| Institution's Course Title:<br><b>Organizational Staffing</b>   |                             |  |                                   |
| Amount of Credit: <b>3 hours</b>  |                             | If Repeatable Credit or Variable Credit: _____ total repeatable credit allowed |                                   |
| Instructor: <b>Schmit, Scully, Motowidlo</b>  |                             | _____ minimum / _____ maximum credit within a semester                         |                                   |
| Course Description (Course syllabus, grading criteria, and reading list must be attached.):<br>Overview of human resource selection. Covers topics such as recruitment, job analysis, psychometrics, criterion measurement, development and evaluation of selection devices, and practical applications.                        |                             |  |                                   |
| Prerequisites: <b>MAN 6245 Organizational Behavior</b>  |                             |  |                                   |
| Corequisites:   |                             |  |                                   |
| Intended Students (Mark all that apply.):   |                             |  |                                   |
| <input type="checkbox"/> Undergraduate Nonmajors  |                             | <input checked="" type="checkbox"/> Graduate Students                          |                                   |
| <input type="checkbox"/> Undergraduate Majors   |                             | <input type="checkbox"/> Honors Students                                       |                                   |
| <input type="checkbox"/> Advanced Undergraduates  |                             | <input type="checkbox"/> Other (specify):                                      |                                   |
| Category of Instruction: <input type="checkbox"/> Introductory <input type="checkbox"/> Intermediate <input type="checkbox"/> Advanced  |                             |  |                                   |
| At the department chair (by name & department) with whom you have cleared any question of possible duplication or infringement by this course. Each such chair must either sign the syllabus requested, indicate no concern over possible infringement, or make comments. Any lack of comments or signatures must be indicated. |                             |  |                                   |
| Effective Term (first term/year course will be offered):<br><b>August 1995</b>  |                             | Department Contact and Telephone Number:<br><b>Lea King 904-392-0163</b>       |                                   |
| Signature, Department Chair:<br><i>[Signature]</i> <b>9/11/95</b> (Date)  |                             | Signature, College Dean: _____ (Date)  |                                   |
| Signature, Graduate Dean (if applicable): _____ (Date)  |                             | Signature, Institutional Contact: _____ (Date)                                 |                                   |

**Part II: Faculty Discipline Committee Representative Use Only**

|  |      |
|--|------|
| Approved Course Classification (Prefix, Number, Lab Code):     |      |
| If not the same as recommended by institution, please explain: |      |
| SCNS Course Title (if new): _____                              |      |
| Decade Title (if new): _____                                   |      |
| Century Title (if new): _____                                  |      |
| Signature, Faculty Discipline Committee Representative         | Date |

**Part III: SCNS Staff Use Only**

|           |              |                       |
|-----------|--------------|-----------------------|
| Signature | Date Entered | Correspondence Number |
|-----------|--------------|-----------------------|

SYLLABUS  
**Organizational Staffing**  
MAN6930

Spring, 1995

Instructor: Mark J. Schmit, Ph.D.  
Phone: Office: 392-3716  
Home: 336-7366 (before 11:00 pm)  
E-mail: schmitmj@dale.cba.ufl.edu

Office: BUS 227  
Hours: M - 3:00-4:30  
W - 1:45-4:00 or  
By Appointment

Texts: Gatewood, R. D., & Feild, H. S. (1994). Human Resource Selection (3rd ed.). Chicago, IL, Dryden Press.

Target Case Packet

Readings (I will get them to you on a weekly basis)

**Course Management**

This course will comprise many important components, all of which are important elements in the learning process. The following is a listing of each of the course components used in determining grades, along with a brief description of the rationale for that component:

| <b><u>Component</u></b> | <b><u>Rationale</u></b>   |
|-------------------------|---|
| Examinations            | Examinations are given to test students' comprehension of the material covered both in the book and in class. In this course we will complete two examinations, each worth about 15% of the final grade (30% total grade - 200 points).   |
| Homework Assignments    | These encourage the student to use and polish the skills we are developing in the classroom. Assignments will build on each previous assignment. There will be three assignments (30% total grade - 200 points).  |
| Labs                    | Labs provide the opportunity for students to practice essential skills with the instructor available to guide the learning process. Lab time also provides an opportunity for students to practice their own teaching skills and learn from each other. We will have labs each Monday. The write-up of the lab will be due the following Monday. The first hour |

**Component****Rationale**

on Monday will be spent discussing readings and lab. The second hour will be used for exercises and to begin work on the lab due the next week. There will be about 15 written labs (30% total grade - 200 points).

Student/Teacher Contracts

Goal setting is a prerequisite for success in any endeavor.

The student/teacher contract requires the student to set a course goal and to make that goal known to his/her instructor. It also encourages the student to read and understand the grading criteria.

Instructor/Peer/Self Evaluations

These provide the instructor with multiple sources of information for grading, and provide the students with multiple sources of developmental information (10% of final grade - 66 points).

Most students will use computers to complete many projects in this class. If you do so, remember that it is against student code, and the law, to use unregistered software. Don't copy software unless you own it and your license specifies that it may be copied.

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**Grades**

Based on 666 total points:

Grade of A = 599 points

Grade of B+ = 583 points

Grade of B = 532 points

Grade of C = 465 points

Grade of D = 398 points

Grade of F = < 398 points

Schedule

| <u>Date</u>    | <u>Topic</u>   | <u>Assignment Due</u>      |
|----------------|--|----------------------------|
| 1/9-M          | Introduction to the course                             |                            |
| 1/11-W         | Recruitment  | Chapter 1                  |
| 1/16-M         | HOLIDAY - No Class                                     |                            |
| 1/18-W         | Legal Issues   | Chapter 2                  |
| 1/23-M         | Recruitment/Legal                                      |                            |
| 1/25-W         | Job Analysis   | Chapters 7, 8, 9           |
| 1/30-M         | Legal/Job Analysis                                     |                            |
| 2/1-W          | Statistics   |                            |
| 2/6-M          | Stats/Measurement                                      | Assignment 1,              |
|                |  | Chapter 3                  |
| 2/8-W          | Measurement  |                            |
| 2/13-M         | Measurement/Job Performance                            | Chapter 17                 |
| 2/15-W         | Criteria   |                            |
| 2/20-M         | Criteria/Reliability                                   | Assignment 2,<br>Chapter 4 |
| 2/22-W         | Reliability  |                            |
| 2/27-M         | Reliability/Validity                                   | Chapter 5                  |
| 3/1-W          | Validity   |                            |
| 3/6 - 3/8-M& W | SPRING BREAK - No Class                                |                            |
| 3/13-M         | Validity/Decision Making                               | Chapter 6                  |
| 3/15-W         | Decision Making  |                            |
| 3/20-M         | <b>EXAM 1</b>  |                            |
| 3/22-W         | Applications, etc                                      | Chapters 10, 11            |
| 3/27-M         | Selection System Presentations                         | Assignment 3               |
| 3/29-W         | Interviews   | Chapter 12                 |
| 4/3-M          | Applications/Interviews                                |                            |
| 4/5-W          | Ability Tests  | Chapter 13                 |
| 4/10-M         | Interviews/Assessment Centers                          | Chapter 15                 |
| 4/12-W         | Performance Tests                                      |                            |
| 4/17-M         | Assessment Centers/Personality Testing                 |                            |
| 4/19-W         | Integrity and Drug Testing                             | Chapter 16                 |
| 4/24-M         | Personality Testing                                    | Chapter 14                 |
| 4/26-W         | <b>EXAM 2 - Final distributed - Due on 5/3 by Noon</b> |                            |

## Bibliography

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- Rynes, S. L. (1991). Recruitment, job choice, and post-hire consequences. In M. D. Dunnette & L. M. Hough (Eds.), Handbook of industrial and organizational psychology (2nd ed., Vol 2, pp. 399-444). Palo Alto, CA: Consulting Psychologists Press.
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- Sackett, P. R., Zedeck, S., & Fogli, L. (1988). Relations between measures of typical and maximum job performance. Journal of Applied Psychology, 73, 482-486.
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- Society for Industrial and Organizational Psychology (1987). Principles for the validation and use of personnel selection procedures. College Park, MD: Author.

Florida Department of Education  
Statewide Course Numbering System  
**New Course Transmittal Form**  
(see instructions on reverse side)

Form UCC1  
OAA # \_\_\_\_\_

**Part I: To Be Completed By the Institution or School District**

|   |                             |  |  |
|---|-----------------------------|--|--|
| Institution/District:<br><b>University of Florida</b>   | District Code:<br><b>00</b> | Institutional Code:<br><b>001535</b>   | Instructional Unit or Department:<br><b>Management</b> |
| <b>Add Course As Indicated Below:</b>   |                             |  |  |
| Recommended SCNS Course Identification: <b>MAN 6XXX</b>   |                             |  |  |
| Discipline (SMA) _____ Prefix _____ Level _____ Course Number _____ Lab Code _____ Contact Hour Base <b>3</b> or Head Count _____   |                             |  |  |
| Institution's Course Title:<br><b>Negotiations</b>  |                             |  |  |
| Amount of Credit: <b>3 hours</b>  |                             | If Repeatable Credit or Variable Credit: _____ total repeatable credit allowed |  |
| Instructor: <b>Thomas</b>   |                             | _____ minimum / _____ maximum credit within a semester                         |  |
| Course Description (Course syllabus, grading criteria, and reading list must be attached.):<br><b>Theory and skills of negotiation and conflict resolution designed for MBA students.</b>   |                             |  |  |
| Prerequisites:  |                             |  |  |
| Corequisites:   |                             |  |  |
| Intended Students (Mark all that apply.):   |                             |  |  |
| <input type="checkbox"/> Undergraduate Nonmajors  |                             | <input checked="" type="checkbox"/> Graduate Students                          | <input type="checkbox"/> Other (specify):              |
| <input type="checkbox"/> Undergraduate Majors   |                             | <input type="checkbox"/> Honors Students                                       |  |
| <input type="checkbox"/> Advanced Undergraduates  |                             |  |  |
| Category of Instruction: <input type="checkbox"/> Introductory <input type="checkbox"/> Intermediate <input type="checkbox"/> Advanced  |                             |  |  |
| List the department chair (by name & department) with whom you have cleared any question of possible duplication or infringement by this course. Each such chair must either sign the syllabus requested, indicate no concern over possible infringement, or make comments. Any lack of comments or signatures must be indicated. |                             |  |  |
| Effective Term (first term/year course will be offered):<br><b>August 1995</b>  |                             | Department Contact and Telephone Number:<br><b>Lea King 904-392-0163</b>       |  |
| Signature, Department Chair:<br><i>William S. Maurer</i> (Date)<br><b>September 11, 1995</b>  |                             | Signature, College Dean: _____ (Date)  |  |
| Signature, Graduate Dean (if applicable): _____ (Date)  |                             | Signature, Institutional Contact: _____ (Date)                                 |  |

**Part II: Faculty Discipline Committee Representative Use Only**

|  |      |
|--|------|
| Approved Course Classification (Prefix, Number, Lab Code):     |      |
| If not the same as recommended by institution, please explain: |      |
| SCNS Course Title (if new): _____                              |      |
| Decade Title (if new): _____                                   |      |
| Century Title (if new): _____                                  |      |
| Signature, Faculty Discipline Committee Representative         | Date |

**Part III: SCNS Staff Use Only**

|           |              |                       |
|-----------|--------------|-----------------------|
| Signature | Date Entered | Correspondence Number |
|-----------|--------------|-----------------------|

# BUL 6930: The Art and Science of Negotiation

Spring 1995

**Instructor: Robert Thomas**  
**392-0163 (Dept. Office)**  
**392-0136 (Direct)**  
**Dale/RET or RET@dale.cba.ufl.edu**

**Office Hours:** Tuesdays 3:00-5:00. If this time is not convenient, make an appointment for an other time. In general, if you knock on my door and I open it, I will be happy to talk to you.

## **Course Materials**

J. W. Breslin and J. Z. Rubin. *Negotiation Theory and Practice*, PON Books, 1993.

R. J. Lewicki, J. A. Litterer, et. al., *Negotiation*, Richard Irwin, Inc., 1993.

R. Fisher, W. Ury and B. Patton. *Getting to Yes*, Penguin Books, 1991

Course Materials (Handed out in class. However, you **MUST PAY IN ADVANCE** at UBS, 1227 W. University).

## **Overview**

The purpose of this course is to understand the theory and processes of negotiation as it is practiced in a variety of settings. Negotiation is the art and science of securing an agreement between two or more independent parties. This course focuses on understanding the behavior of individuals, groups and organizations in the context of competitive situations.

The course is designed to be relevant to a broad spectrum of negotiation problems that are faced by the manager and the professional. A basic premise of the course is that while a manager needs analytical skills to discover optimal solutions to problems, a broad array of negotiation skills is needed in order for analytical skills to be accepted and implemented.

This course allows students to develop negotiation skills experientially and to understand negotiation in useful analytical frameworks. Considerable emphasis will be placed on negotiation exercises and role playing. The exercises serve as catalysts for the evaluation and discussion of different types of negotiation situations, but they are not meant to include every aspect of "real-world" negotiation. In class discussions and lectures will supplement the exercises.

The objectives of the course are:

- To gain a broad, intellectual understanding of the nature of and central concepts in negotiation. This will help you to understand and evaluate a negotiation process.
- To develop confidence in the use of the negotiation process as an effective tool for resolving conflict in organizations. One important way that this objective is accomplished is by providing you with negotiation experience, which includes

- learning how to evaluate the costs and benefits of alternative actions.
- To improve your ability to analyze the behavior and motives of individuals, groups, and organizations in competitive settings. This objective includes learning how to analyze your negotiation partners and opponents.

### Course Requirements

1. **Participation** (35% of your grade). Class participation is a crucial part of the learning process in this course. You will be evaluated on the quality of your contribution and insights. Quality comments tend to offer a unique, but relevant perspective, contribute to moving the discussion and analysis forward, or demonstrate some reflective thinking, including evidence, argumentation, or recognition of inherent tradeoffs.

The emphasis on experiential learning makes the administration of the course difficult and makes student participation critical. When you are not fully prepared or miss a class, not only do you lose out on the evening's experience, others in the class lose the opportunity to negotiate with you, perhaps being forced to take an observer's role. If you must miss a class, you must notify me at least two days in advance. You may miss two classes without adverse impact. On your third and subsequent absences, your participation grade drops one-quarter of a letter grade for each absence (e.g., from 3.5 to 3.25 on the third absence). Failure to notify me in advance of any absence will result in a one-half letter grade drop (e.g., from 3.5 to 3.0 on any unannounced absence). Participation includes full preparation for exercises. Lack of preparation will be treated like an absence for the evening of that exercise.

2. **Journal Entries** (40% of your grade). Following each negotiation exercise you should write a brief critical analysis report. These 1-2 page typewritten reports are meant to clarify your thinking about the exercise, and allow you to express your perception of the negotiation to the people with whom you interacted. You must submit your journal entries for the exercises designated in the course outline to the instructor by the specified dates. Journal entries should be written summaries of the reactions, perceptions, insights, etc., gained from your participation in the negotiation(s). You should discuss your own experiences and those of your classmates. **Don't just describe what the exercise involved. Instead, cover many of these points as well as others you feel are appropriate.**

- A) Your interest, stake, position in the relevant negotiation and your preparation for it.
- B) The strategies, and tactics you intended to use: actually used.
- C) A candid assessment of the outcome of the negotiation and analysis of why things worked out as they did.
- D) What you learned from listening or observing yourself and others involved in the experience. What you would do differently, given the chance.

I will read, comment on, grade, and return each entry to you in a timely manner. The purpose of the graded feedback is to encourage thoughtful analysis, and to use theories and concepts presented in the readings, discussions, etc. Well-developed entries are those that "step back" from the bargaining process, identify key events and processes, draw upon relevant readings or class discussions, and are written coherently and legibly.

A **Final Journal Entry** is due on the last day of class together with **all required regular journal entries**. This final submission should be a collected statement of what you learned about yourself and how you changed as a negotiator during the course. Here are some examples of questions you might address in this entry.

- A) Do I enjoy bargaining, being in conflict with others, trying to persuade them of my view point? why or why not?
- B) Do others regard me as a "good bargainer"? Am I viewed as one who gives in too easily, holds out too long, or knows when to make tradeoffs? How do I view myself?
- C) Under which situations do I feel most competent as a bargainer, least competent? What do these situations have in common?
- D) How has my bargaining style changed during this course? What are the implications for these changes?

3. **Term Project** (25% of your grade). This project may be completed in groups of 2-3 students. The project may be defined in a number of ways, however, it should increase your understanding of negotiation. Maximum length is ten double-spaced, typed pages, exclusive of tables, indices, etc. Some sample projects include:

- Develop a simulation exercise that could be used in a future edition of this course. Ideally, this exercise should tap some of the processes that you think are important but that were overlooked in this course. Be sure to test your exercise on a pilot group. The write-up of the exercise should include: the objectives of the exercise, the exercise itself (in an appendix), and the results of your pilot run of the exercise. Also, include your reaction to the results- what surprised you, what needed to be adjusted, and teaching notes for use with the exercise.
- Analyze a negotiation situation. You may choose a personal experience, a friend or a relative, a published case, or a situation in the news. Select an incident that you have enough detail about, and that is sufficiently rich to provide data for analysis.
- Conduct a set of interviews with a set of non-experts who must negotiate an important event in their lives. What are the determinants of negotiation success in this context? Potential non-experts include individuals' negotiations for jobs, for condos or houses, for cars.
- Do a field experiment. If you have access to some organization in which negotiation between clients and professionals is central (car dealerships, etc.), arrange to have clients and professionals engage in one of the exercises that we do in class and report the results.

The project will be evaluated in terms of the following criteria:

- Intellectual understanding: how well do you understand the concepts you employ?
- Creativity: are you able to extend, modify or elaborate the concepts you employ?
- Perceptiveness: are you able to bring meaningful order (insight) to the data that you choose to report?
- Organization: is the paper clearly written and professionally presented?

All students must submit a one-page detailed project proposal by March 1. All members of a group will receive the same grade. The project is due on April 12.

## COURSE OUTLINE

### Introduction to Negotiation and the Nature of Conflict

- Jan 11 Discussion of course substance, logistics and introduction
- Read Fisher, Ury and Patton, *Getting to Yes*
- Jan 18 Distributive Bargaining
- Oil Pricing Exercise
  - Read *An Interview with Mary Parker Follet* (Breslin and Rubin, hereafter referred to as BR, pp. 13-25)
  - **Hand in memorandum on negotiation advice**
- Feb 1 Integrative Bargaining
- Class exercise
  - Negotiate *New Recruit*
  - Read *Consider Relationships and Substance...* (Lewicki, Litterer et al., hereafter referred to as LL, pp. 53-70)

### Preparation for Negotiation

- Feb 8 Information and Negotiation
- Negotiate *Carter Racing*
  - Prepare for Powerscreen negotiation
  - Read *Prenegotiation Planning...* and following (LL pp. 169-188)
  - ***New Recruit* journal entry due**
- Feb 15 Preparing for Negotiation
- Negotiate Powerscreen
  - Read *Interests: The Measure of Negotiations* (BR pp. 161-180)

### The Negotiation Proper

- Feb 22 Options and Legitimacy
- View *Hackerstar* video
  - **Powerscreen journal entry due**
- Mar 1 Dynamics of Negotiation
- Negotiate *Sally Soprano*
  - View *Escalation of a Conflict*
  - Read *Winning at Negotiation* and following (LL pp. 83-105)
  - **Sally Soprano journal entry due**
- Mar 15 Dynamics of Negotiation
- Read *Negotiator's Judgment* (BR. pp. 197-209)
  - Negotiate *The Balmara Border Dispute*
- Mar 22 Power in Negotiation
- Read *The Role of Power* and following (BR pp. 115-140)
  - Class Exercise
  - **Balmara Border Dispute journal entry due**

### Culture, Gender and Complex Negotiation and Mediation

- Mar 29 Multi-Party Negotiations
- Negotiate *El Tek* on your own
- Apr 5 Gender Issues
- Debrief *El Tek*
  - Read *Her Place at the Table* (BR pp. 261-277)
  - View *Women Negotiate*
  - **El Tek journal entry due**
- Apr 12 Culture Issues and Introduction to Mediation
- Read *The Japanese Negotiation Style* (LL pp. 541-552)
  - Read *A Brief Outline of the Mediation Process* (Hand Out)
  - View *Roadster Meets Dent*
  - **Final project due**
- Apr 19 Mediation
- Read *How Mediation Works* (LL pp. 445-465)
  - Negotiate with mediator *Gator v. City of Quincy*
- Apr 26 Mediation and course conclusion
- Read *The Role of the Mediator* (LL pp. 466-473)
  - Negotiate *The Amanda Project*
  - **Final journal entry due with copies of all previous journal submissions**

# BUL 6930: The Art and Science of Negotiation

Spring 1995

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GENERAL FACULTY MEETING  
MINUTES  
DECEMBER 1, 1995

1. Minutes from the 8/25/95 General Faculty meeting were approved as distributed.
2. The Undergraduate Committee submitted the following curriculum changes for approval:  
**A motion was made for each individual item listed; each individual item was seconded; and each individual item was approved.**
  - A. Change grading option for MAR 4945 to S-U
  - B. Increase credit hours ECO 3100 - from 3 to 4
  - C. Increase undergraduate elective credit hours for the following courses:
    - ECO 4934 -from 1-3 to 1-4
    - ECO 4905 -from 1-3 to 1-4
    - ECS 4203 - from 3 to 4
    - ECS 4013 - from 3 to 4
    - ECS 4003 - from 3 to 4
    - ECP 4451 - from 3 to 4
    - ECP 4403 - from 3 to 4
    - ECP 3423 - from 3 to 4
    - ECP 3302 - from 3 to 4
    - ECO 4914 - from 3 to 4
    - ECO 4622 - from 3 to 4
    - ECO 4504 - from 3 to 4
    - ECO 4431 - from 3 to 4
    - ECO 3704 - from 3 to 4
    - ECO 3703 - from 3 to 4
    - ECO 3700 - from 3 to 4
  - D. Require BS-ECO majors to take 3 four-hour economic electives (changed from 4 three-hour electives).
  - E. Delete ACG 2071 as a requirement for the Business Minor

GRADUATE FACULTY MEETING  
MINUTES  
DECEMBER 1, 1995

1. Minutes from the 8/25/95 Graduate Faculty meeting were approved as distributed.
2. The Graduate Committee approved the following curriculum changes and submitted them for approval. **A motion was made for each individual item; each individual item was seconded; each individual item was approved by the faculty.**
  - A. Prereq changes:
    - ECO 5415 - from MAC 3223, 324; coreq:ECO 6805 to: class and college of 7BA, 7AG or permission of instructor.
  
    - ECO 6805 - from MAC 3223, 3224 to: class and college of 7BA, 7AG or permission of instructor.
  - B. Title, prereq, and description change:
    - ECO 6405 - from title Mathematical Economics 1 to: Mathematical Economics: Game Theory. From prereq ECO 6805 or equivalent to: ECO 6805, ECO 6406 or permission of instructor. Change course description to: Advanced game theory including incomplete information games with application to economics.
  - C. Changes to 2nd year ECO Ph.D. curriculum:
    - 1) In the Industrial Organization and Regulation Sequence, replace the semester long Economics of Regulated Industries (ECP 6426) with a half-semester version of that course and a half-semester course Empirical Industrial Organization (ECP 6xxx).
    - 2) In the Public Economics sequence, replace the two-semester long courses (ECO 6526, ECO 6536) with four half-semester courses, two of which will retain the original titles and course numbers.
  - D. Credit, contact hour, title, description changes:
    - ECP 6426 - change credit from 3 to 1 or 2; change contact hour from 4 to 2; change course title from Economics of Regulated Industries to: Regulatory Principles; change course description to: The theory and practice of regulatory institutions, with an emphasis on natural monopoly, incentive issues, and pricing across products and over time. Alternative to traditional regulations are assessed in terms of their impact on economic and social objectives.
  
    - ECO 6516 - change credit from 3 to 1 or 2; change contact hour from 4 to 2; change course prerequisite to ECO 6XXX; change course title from Public Revenue and