



## Department of Economics Course Outline

|                      |  |                   |  |
|----------------------|--|-------------------|--|
|                      |  | <b>Term:</b>      | Winter 2011  |
| <b>Course:</b>       | Economics 493 (01)<br>[Empirical Energy Economics] | <b>Section:</b>   | 01   |
| <b>Time:</b>         | MWF 0900 – 0950                                    | <b>Place:</b>     | KNB 133<br>(subject to change)                               |
| <b>Instructor:</b>   | W. D. Walls  |                   |  |
| <b>Office:</b>       | SS 536   | <b>Telephone:</b> | 220-6761   |
| <b>Office Hours:</b> | MW 1000-1100<br>or by appointment                  | <b>E-mail:</b>    | <a href="mailto:wdwalls@ucalgary.ca">wdwalls@ucalgary.ca</a> |

### Textbook(s):

#### [Optional]

Jacques Girod, Regis Bourbonnais and Jan Horst Keppler, editors. *The Econometrics of Energy Systems*. Palgrave Macmillan.

Darrell Huff. *How to Lie with Statistics*. Norton.

### Book(s) on Reserve:

1. E. Berndt. *The Practice of Econometrics*. Addison Wesley, 1996.
2. W. Enders. *Applied Econometric Time Series*. Wiley, 2<sup>nd</sup> edition, 2003.
3. D. Gujarati. *Basic Econometrics*. Addison Wesley, 1996.
4. A. H. Studenmund. *Using Econometrics: A Practical Guide*. Addison Wesley, 5<sup>th</sup> edition, 2005.
5. J. Woolridge. *Econometric Analysis of Cross Section and Panel Data*. MIT Press, 2001.
6. J. Girod, R. Bourbonnais & J.H. kepler (eds.) *The Econometrics of Energy Systems*, Palgrave Macmillan
7. D. Huff *How to lie with Statistics*, Norton

### Course Objectives:

This is a course in empirical/applied energy economics. Students will study and learn how to apply methods of data analysis that are particularly useful in the context of energy economics.

### Additional Required Readings and Course Web Page:

A detailed course outline and numerous other required readings will be made available in PDF format on the course web page to be located at

<http://pareto.ucalgary.ca/courses/>

The course web page will also contain a schedule of readings corresponding to each day that class meets, course announcements, and any other information to be distributed to the class. As this is a new course, the exact coverage will evolve over the course of the term.

### Grade Determination:

| <u>Component</u>               | <u>Weight</u> |
|--------------------------------|---------------|
| Assignments (3@10% each)       | 30%           |
| Midterm Exam                   | 20%           |
| Presentation of Research Paper | 10%           |
| Course Project/Research Paper  | 40%           |

The final course grade will be obtained by weighting the numerical values (rather than letter grades) on the various exams and translating the numerical result back into a final letter grade for the course. The numerical-letter grade cut-off values will be as follows:

|    |        |    |       |    |       |
|----|--------|----|-------|----|-------|
| A+ | 99-100 | B  | 82-87 | C- | 70-71 |
| A  | 92-98  | B- | 80-81 | D+ | 68-69 |
| A- | 90-91  | C+ | 78-79 | D  | 60-67 |
| B+ | 88-89  | C  | 72-77 | F  | 0-59  |

Deviations from the conversion chart listed above will only be made if it *improves student grades*.

A passing grade on any particular component of the course is not required for a student to pass the course as a whole.

Non-programmable calculators will be allowed during the writing of tests or final examinations.

### Notes:

- **THERE WILL BE NO MAKEUP OR DEFERRED QUIZZES** under any circumstances, nor may the quizzes be written early. Students unable to write the quizzes because of *documented* illness, family emergency or religious observance will have the weight shifted to the final examination; otherwise a grade of zero will be assigned.
- Students seeking reappraisal of a piece of graded term work (assignment, term paper, essay, etc.) should discuss their work with the Instructor *within fifteen* days of the work being returned to the class.
- Students' papers will be returned during regular class. Papers may also be picked up by students during regular Office Hours.
- It is the student's responsibility to request academic accommodations. If you are a student with a documented physical, psychological, emotional, social, or other disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 220-8237. Students who have not registered with the Disability Resource

Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course.

Students' Union Vice-President Academic:

Alyssa Stacy

Phone: 220-3911

E-mail [suvpaca@ucalgary.ca](mailto:suvpaca@ucalgary.ca)

Students' Union Faculty Representative (Arts)

Phone: 220-3913 Office: MSC 251

E-mail [arts1@su.ucalgary.ca](mailto:arts1@su.ucalgary.ca)

Society of Undergraduates in Economics (S.U.E.):

[www.ucalgary.ca/sue/](http://www.ucalgary.ca/sue/)

Safewalk / Campus Security: 220-5333

Emergency Assembly Location – MacEwan Student Centre – North Courtyard

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