

## Economics 493(L01) Empirical Energy Economics

|               |                       |                    |                   |
|---------------|-----------------------|--------------------|-------------------|
| Instructor:   | Professor D.V. Gordon | Lecture Location:  | ES 054            |
| Phone:        | 403 220 5080          | Lecture Days/Time: | MWF 10:00 – 10:50 |
| Email:        | dgordon@ucalgary.ca   |                    |                   |
| Office:       | SS 326                |                    |                   |
| Office Hours: | MW 11:00 – 11:50      | WINTER 2015        |                   |

### Textbook(s): [Required]

Jacques Girod, Regis Bourbonnais and Jan Horst Keppler, editors. *The Econometrics of Energy Systems*. Palgrave Macmillan. 2007

### 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. J. Woolridge *Introduction to Econometrics*, Cengage Learning, 2008, 4<sup>th</sup> edition.
4. J. Girod, R. Bourbonnais & J.H. kepler (eds.) *The Econometrics of Energy Systems*, Palgrave Macmillan, 2007

### Course Objectives:

This is the capstone course for the Applied Energy Economics program. Students will study and learn how to apply methods of data analysis that are particularly useful in the context of energy economics. Students will complete a research project in empirical energy economics that is the major component of this course. A detailed course outline, readings and assignment/project due dates will be made available on the course web page. Students are expected to use the Econometric software Stata. Students are expected to have a basic working knowledge of Stata commands. Stata support will be provided in class and tutorials. Stata software is loaded on the machines in the Tri-faculty lab in the basement of SS building.

### Grade Determination:

| <u>Component</u>               | <u>Weight</u> |
|--------------------------------|---------------|
| Assignments (3@15% each)       | 45%           |
| Course Project/Research Paper  | 45%           |
| Presentation of Research Paper | 10%           |

Course material will be marked on a numerical (percentage) basis, and then converted to letter grades. The course grade is then calculated using the weights indicated above. As a guide to determining standing, these letter grade equivalences will apply:

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

**A passing grade on each component of the course is required for a student to pass the course as a whole.**

**Desire2Learn:** This course will make use of the Desire2Learn (D2L) platform. Students who are registered in the course can log on at <http://d2l.ucalgary.ca> using or through their student centre. Please note that D2L features a class e-mail list that may be used to distribute course-related information. It is your responsibility to ensure that D2L uses the e-mail address of your choice.

All students must comply with the regulations published in the University Calendar concerning “Intellectual Honesty,” “Examinations,” etc.

Students’ Union Vice-President Academic:

Hana Kadri

Phone: 403-220-3911

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

Students’ Union Faculty Representative (Arts)

Phone: 403-220-3913 Office: MSC 251

Email [arts1@su.ucalgary.ca](mailto:arts1@su.ucalgary.ca), [arts2@su.ucalgary.ca](mailto:arts2@su.ucalgary.ca), [arts3@su.ucalgary.ca](mailto:arts3@su.ucalgary.ca), [arts4@su.ucalgary.ca](mailto:arts4@su.ucalgary.ca)

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

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

Society of Undergraduates in Economics is a student run organization whose main purpose is to assist undergraduate economics students succeed both academically and socially at the University of Calgary. Services include access to the exam bank, career partnerships with the Career Centre through hosting industry nights and information sessions, recognizing achievements in teaching, and organizing social events for members. They invite you to join by contacting [sue@ucalgary.ca](mailto:sue@ucalgary.ca).

*Faculty of Arts Program Advising and Student Information Resources*

- Have a question, but not sure where to start? The Arts Students’ Centre is your information resource for everything in Arts! Drop in at SS102, call them at 403-220-3580 or email them at [artsads@ucalgary.ca](mailto:artsads@ucalgary.ca). You can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate> which has detailed information on common academic concerns.
- For program planning and advice, contact the Student Success Centre (formerly the Undergraduate programs Office) at 403-220-5881 or visit them on the 3<sup>rd</sup> Floor of the

Taylor Family Digital Library.

- For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at 403-210-ROCK [7625] or visit them in the MacKimmie Library Block.
- Online writing resources are available at <http://ucalgary.ca/ssc/writing-support/online-writing-resources>

Notes:

- It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 403-220-8237. 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 seeking reappraisal of a piece of graded term work should discuss their work with the instructor *within fifteen days* of work being returned to class.

Safewalk / Campus Security: 403-220-5333

Emergency Assembly Point: ICT Food Court

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