23rd Annual Short Course in Global Trade Analysis

"Introduction to Applied General Equilibrium Analysis in a Multi-Region Framework"

General Information

Date: April 27 – June 28, 2015 (online course)
      July 11-17, 2015 (onsite course)

Location: Purdue University, Krannert Building, Room 250
          403 West State Street
          West Lafayette, Indiana 47907 United States

Organizers: Center for Global Trade Analysis, Purdue University

Registration: $4,000 (Limited number of fellowships available)

Course Background

The short course consists of two parts. The online phase is an eight-week sequence where students get in-depth training about the microeconomic underpinnings of applied general equilibrium models. Although the online course allows for self-paced learning, students are expected to submit weekly homework assignments which are individually graded. The onsite course mixes daily lectures with lab sessions designed to develop the economic intuition required to perform high-level policy analysis using the GTAP Model and data base. These activities culminate in a major application undertaken by small groups and presented on the final day of the course.

Objectives

- To introduce participants to a standardized framework for conducting global policy analysis in an applied general equilibrium setting
- To provide participants with ample hands-on training with software that has been tailored to global economic analysis
- To give participants the opportunity to interact with economists working on global trade and resource use issues, and become part of an international network

Application/Registration

Application

Individuals interested in taking this course must apply on the GTAP website. All applications will be reviewed following the February 15 deadline. Those individuals accepted into the course will receive an email detailing how to register and arrange for payment. Please note that application does not guarantee acceptance.

Prerequisites

All participants are expected to have a strong foundation in micro-economics. This should be at the level of a calculus-based graduate course in micro-economic theory. Since the course software is designed around a PC environment, it is essential that each participant have access to such a machine. No prior programming or
modeling experience is required. Due to the web-based nature of the course, participants will need access to a high-speed internet connection with Internet Explorer installed on their machine. The computer assignments and the course project will all be implemented in the context of the RunGTAP software interface to GEMPACK. This is a Windows environment for conducting applied general equilibrium analysis. RunGTAP is designed to allow users to focus on economics with the programming details being largely taken care of behind the scenes where it runs GEMPACK programs. GEMPACK is an algebraic modeling language which permits the user to write out the model in a transparent fashion. It is specifically designed for application to large-scale, applied general equilibrium models in a policy-oriented environment.

**Cost**
The registration fee for this course is $4,000 USD. This fee includes seven days of onsite, individualized instruction in the form of lectures and labs as well as distance-learning prior to the onsite course. The course registration fee also includes daily coffee breaks, six lunches, two receptions and one dinner. Participants will be responsible for all other meals. Please note that the registration fee for the course does not include the GTAP Data Base. Participants wishing to purchase this must do so separately.

**Fellowships**
A limited number of fellowships may be available to students working on, or who are interested in, learning and applying CGE modeling to inform policy debates regarding the most pressing questions related to global economic analysis. The fellowships will cover $2,500 towards the registration fees, reducing the amount owed by the recipient to $1,500. Those interested in being considered for a fellowship should submit a two-page narrative (maximum, as a PDF) on the application form that describes their area of interest, accomplishments and current/future research directions. To the extent possible, identify why the application of an economy-wide analytical framework will enhance the impact of your research as well as beneficiaries of your research. Please address how your previous training and professional/academic experience have prepared you for formal policy analysis. Two references, professional or academic, should also be included at the end of the document.

*Demand for this course, as well as fellowships, are very high; therefore, we encourage early application.*

**Updates/Cancellations**
All changes and/or cancellations to registrations should be emailed directly to Ginger Batta (gbatta@purdue.edu). Registered participants who are unable to attend will receive an 85% refund until April 5, 2015. No refunds will be made after this date.

**Invitation Letters**
Individuals requiring an invitation letter to include in visa or financial assistance applications can access this from the course homepage: [www.gtap.agecon.purdue.edu/events/Short_Courses/2015/](http://www.gtap.agecon.purdue.edu/events/Short_Courses/2015/)

**Lodging**
Participants are responsible for securing and paying for their own lodging. Reservation blocks have been secured at the following hotels. To reserve at the listed rates, participants must call the hotels and reference the block codes listed below.

- **Hilton Garden Inn**
  356 East State Street, West Lafayette, Indiana
  Tel: +1-765-743-2100
  Rate: $100/night + tax
  Block Code: GTAP1
Campus Inn
200 Brown Street, West Lafayette, Indiana
Tel: +1-765-743-9661 (7:00am-3:00pm EST)
Rate: 1 Queen bed: $50/night + tax; 2 Queen beds: $60/night + tax
Block Code: GTAP1
Block Deadline: June 7, 2015
Rooms Available: 32
Distance: 0.7 miles

There are other West Lafayette/Lafayette area hotels where participants may choose to stay; however, the above have guaranteed availability through the block deadline. For rates at other hotels, contact each directly and/or check third-party sites such as http://www.hotels.com or http://www.booking.com.

Transportation
Purdue University is located in West Lafayette, Indiana which is approximately 65 miles northwest of Indianapolis, Indiana and 120 miles southeast of Chicago, Illinois.

Via Indianapolis - Those wishing to fly into the Indianapolis International Airport can rent a car and drive and to West Lafayette or take the Lafayette Limo (http://www.lafayettelimo.com) or Star of America (http://www.starofamerica.com/) shuttle services.

Via Chicago - Those wishing to fly into the Chicago O'Hare International Airport can rent a car and drive to West Lafayette or take the Express Air Coach (http://www.expressaircoach.com/) or Lafayette Limo (http://www.lafayettelimo.com) shuttle services.

Campus Parking - Parking on Purdue University's campus is limited for visitors during the week. Please review the campus map (http://www.purdue.edu/campus_map/) referencing "Parking" for further details.
West Lafayette Map

Contact Information

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