

ARTNeT Capacity Building Workshop on CGE Modelling for Trade Policy Analysis*
22-26 July 2013
IT Learning Centre, United Nations Conference Centre
Bangkok, Thailand

PROGRAMME

Day 1: Monday, 22 July 2013

08:15 – 08:30 **Registration**

08:30 – 09:00 **Venue: Seminar Room 1, 3rd Floor, UNCC**

Welcome Address

- Dr. Ravi Ratnayake, Director, Trade and Investment Division

09:00 - 12:00

Session 1: Introduction to CGE Analysis

An introduction to CGE models (uses, interpretation, strengths and limitations)

Coffee Break:
10:15 - 10:30

12:00 – 13:00

Lunch break (Public Foyer)

13:00 – 16:00

Venue: IT Computer Lab, 3rd Floor, UNCC

Session 2: Recent CGE Analyses for Trade Policy

CGE analysis uses for trade policy in developing economies and review of recent applications in the CGE literature. The objective is to gain a better understanding of the types of questions to which CGE analysis can usefully be applied.

Break:
14:-15 - 14:30

Day 2: Tuesday, 23 July 2013

8:30 – 12:00

Session 3: The Building Blocks of CGE Models

Review the basic theory behind the components that make up a CGE model: consumer demand, production theory, and international trade.

Coffee Break:
10:15 - 10:30

1. Modeling Demand
2. Modeling Production
3. Modeling Trade

12:00 – 13:00

Lunch break

13:00 – 16:30

Session 4: Hands On 1 - The 2 x 2 Model

*Delivered by Professor John Gilbert, Utah State University, Utah State University and ARTNeT Advisor

Break: Working with the General Algebraic Modeling System (GAMS)
 14:-15 - 14:30 1. Introduction to GAMS
 2. Building the 2 x 2 Model

Day 3: Wednesday, 24 July 2013

8:30 – 16:30 **Session 5: Extending the 2 x 2 Model**

Coffee Break: Common extensions to the basic general equilibrium models of international trade
 10:15 - 10:30 theory that are used in most modern CGE models.
 1. Armington Specification
 2. Joint Production

12:00 – 13:00 **Lunch break**

13:00 – 16:30 **Session 6: Hands On 2 - The 'Standard' CGE Model**

Break: Applying the insights developed in the preceding session and building and
 14:-15 - 14:30 simulating a working version of the 'standard' CGE model in GAMS.

Day 4: Thursday, 25 July 2013

8:30 – 12:00 **Session 7: Policy Instruments and Distortions**

Coffee Break: Incorporation of policy distortions into general equilibrium models
 10:15 - 10:30 1. Tariffs
 2. Domestic Taxes and Subsidies
 3. Factor Market Distortions

12:00 – 13:00 **Lunch break**

13:00 – 16:30 **Session 8: Hands On**

Break: Introducing distortions into the GAMS models (with details determined by the
 14:-15 - 14:30 research interests of participants).

Day 5: Friday, 26 July 2013

8:30 - 12:00 **Session 9: Data**

Coffee Break: Data requirements of CGE models and using Social Accounting Matrix to
 10:15 - 10:30 conceptualize data. Sources of data for CGE analysis.

12:00 – 13:00 **Lunch break**

13:00 – 14:30 **Session 10: Wrap Up**

Wrap up of the course. (Participants will be directed to more advanced resources, and will have the opportunity to discuss their research projects.)

14:30 - 15:00 **Closing Session and Certificate Distribution**
