

ARTNeT Introductory Course on CGE Modeling for Trade Policy Analysis*
24-26 Sep 2014

**IT Learning Centre, 3rd Floor, United Nations Conference Centre
Bangkok, Thailand**

PROGRAMME

Day 1: Wednesday, 24 September 2014

- | | |
|----------------------|--|
| 08:15 – 08:30 | Registration |
| 08:30 – 09:00 | Opening session
Welcome address by Dr. Mia Mikic, ARTNeT Coordinator and Chief, Trade Policy and Analysis Section |
| 09:00 - 12:00 | Session 1: Introduction to CGE Analysis
An overview of CGE models and CGE modeling (uses, interpretation, strengths and limitations).

<i>15 minutes break: 10:15 - 10:30</i> |
| 12:00 – 13:00 | Lunch break |
| 13:00 – 16:00 | Session 2: Recent CGE Analyses for Trade Policy
Review of selected recent applications in the CGE literature for trade policy in developing economies with the objective of gaining a better understanding of the types of questions to which CGE analysis can usefully be applied.

<i>15 minutes break: 14:-15 - 14:30</i> |

Day 2: Thursday, 25 September 2014

- | | |
|----------------------|--|
| 8:30 – 12:00 | Session 3: Theory
Non-technical discussion of the basic theoretical structure of the components of typical CGE models, including consumption, production and trade with the Armington assumption. Work with simulating pre-built models in GAMS of each component to develop intuition. Discussion of the meaning of closure and various closure options and their implications.

<i>15 minutes break: 10:15 - 10:30</i> |
| 12:00 – 13:00 | Lunch break |

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

13:00 – 16:30**Session 4: Data**

Data requirements of CGE models and using a social accounting matrix (SAM) to organize and conceptualize the data in a CGE model. Sources of data for CGE analysis.

15 minutes break: 14:-15 - 14:30

Day 3: Friday, 26 September 2014

8:30 – 12:00**Session 5: Hands On**

Work with the 'standard' CGE model. A pre-built version of a typical CGE model in GAMS will be provided, and participants will have opportunity to see how the model can be used to simulate the economic impact of various changes in the economic environment and policy.

15 minutes break: 10:15 - 10:30

12:00 – 13:00***Lunch break*****13:00 – 15:30****Session 6: 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.)

15 minutes break: 14:-15 - 14:30

15:30 – 16:00**Closing**
