

# Grid Computing Competency Certification

The Grid Computing Competency Certification (GCCC) is developed by the National Grid Office (NGO) to provide a benchmark for the competency in Grid Computing. It will help to develop capabilities of the Infocomm professionals in Grid Computing to enable them to meet the needs of the industry. The NGO is the Certification Body for the GCCC. NGO has set up the GCCC Committee, which consists of representatives from institutes of higher learning, for the management and administration of GCCC.

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The GCCC consists of 2 parts, Part 1 and Part 2. GCCC Part 1 has been developed in collaboration with the academia and in close consultation with the Infocomm industry and the Infocomm Development Authority of Singapore (IDA). The certification has been accredited by the National Infocomm Competency Centre. The Part 1 certification is aimed at ensuring that the attendees attain a minimum body of knowledge in Grid Computing. Singapore Polytechnic has been appointed as the training service provider for GCCC Part 1. The evaluation will be based on a 2-hour written examination.



## GRID COMPUTING COMPETENCY CERTIFICATION (PART 1) COURSE

Date: 27 March to 22 May 2006

Duration: 16 sessions (Total: 48 hrs), Mondays and Thursdays, 6:30pm – 9:30pm

Course Fee: \$3,200.00 + \$160.00 (GST) = \$3,360.00 per participant

**SPECIAL OFFER**

**\$2,400.00 + \$120.00 (GST) for the first 10 participants**

*(excluding Certification Exam fee)*

Venue: Singapore Polytechnic

**Course Preview:** Thursday, 09 March 2006, 5pm – 6pm, LT12A, SP

Course Coordinator: Mr Tony Ng Tel: 6870-4669

Email: [tonyng@sp.edu.sg](mailto:tonyng@sp.edu.sg)

Course Website: <http://project.ict.sp.edu.sg/gccc1>

**(VISIT US FOR DETAILS)**

Course Registration: Continuing Education Centre

Website: <http://www.cec.sg>

Tel: 6772-1288 Fax: 6772-1957

Email: [cec@sp.edu.sg](mailto:cec@sp.edu.sg)

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### Course Objective

This course provides the fundamental of Grid Computing training to prepare for the certification exam. This basic knowledge would act as a stepping stone for a more advanced and specialized certification.

### Target Audience

The course is intended for professionals who would like to acquire the basic foundation knowledge in Grid Computing. It is particularly suitable for industry professional in Grid Computing, system administrators, or developers.

### Course Outline

1. Introduction to Basic Principles
2. Grid Architecture
3. Middleware
4. Security
5. Performance

### Entry Requirement

- ★ All participants should possess at least 2-3 years of working IT experience.
- ★ The following knowledge is preferred:
  - a) Concepts of networking and open source,
  - b) Linux operating system,
  - c) Programming experiences (e.g. Scripting, Java, C/C++, etc) and
  - d) Internet technologies.

### Certification

A Certificate of Attendance will be issued to every participant whose attendance is not less than 75%. An official Grid Computing Competency Certification (Part 1) will be awarded to participants who have passed the certification exam within 6 months, which will be conducted separately.