

# **ENCS 691K: Cloud Networking and Service Provisioning**

**Roch Glitho, PhD**

**Associate Professor and Canada Research Chair**

**My URL - <http://users.encs.concordia.ca/~glitho/>**

# General information

## URL:

**[http://users.encs.concordia.ca/~glitho/F17\\_ENC691K.htm](http://users.encs.concordia.ca/~glitho/F17_ENC691K.htm)**

## Logistics:

- Instructor: Roch H. Glitho  
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Glitho@ciise.concordia.ca  
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**Office hours: Thursday: 15h00 – 17h00 (or by appointment)**

**Note: You may also ask questions by email**

# General information

## Scope

- **Cloud computing basics (overview, SOA, virtualization, service model, i.s. IaaS, PaaS, SaaS)**
- **Cloud Networking (Data Center Networking)**
- **Cloud Service Provisioning (Cloud based - Content delivery networks, IoT, multimedia conferencing)**

# General information on the course

## Evaluation scheme:

Quiz #1: 30 % (Scheduled for week #7 – October 19)

· Quiz #2: 30 % (Scheduled for week #13 – November 30)

Semester long project: 40% (Report and demos scheduled for Week #14 )

– Demos – December 11

- Report due date: December 19

# **On The Semester Long Project**

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# Semester Long Project

1. The project will be done in teams of 2. You have the responsibility of finding your teammate.
  - Teams of 1 might be exceptionally accepted (i.e. you might still be able to work alone on your project).
    - To be discussed with me
2. Every team should select either the standard project or a personalized project.
3. If a team selects the personalized project, the team should submit a one page proposal by September 30.

# Semester Long Project

4. The standard project will be on-line next week
5. Validation (e.g. prototyping, simulation) is mandatory for all projects, i.e. surveys/literature review projects will not be accepted
5. All projects should be closely related to cloud computing

Note

# The End

