# Introduction to Telecommunications and Computer Engineering Course ETE131: Introduction

Syedur Rahman Lecturer, CSE Department North South University

### Your Lecturer

### Mr. Syedur Rahman (SyR)

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Teaching Assistant: To Be Announced

#### **Contact Hours**

#### Lectures

Sec 2: Sun/Tues 0940-1110 SPZ 433

Sec 3: Mon/Wed 1120-1250 SPZ 631

#### **Office Hours**

Mon/Wed 0940-1110 STR 1450

Any other time by appointment

## Course Outline

- 1. Introduction to Engineering, Computer Systems
- 2. Number Systems and Logic
- 3. Communications Systems and Signals
- 4. Principles of Modulation
- 5. Cellular Access Technology
- 6. Fiber Optic Communication Systems

Lecture slides and handouts available from:

http://www.geocities.com/syedatnsu/

## Assessment

#### **Mark Allocation (provisional)**

| Quizzes | 15% |
|---------|-----|
|         |     |

Midterm I 20%

Midterm II 20%

Final Exam 25%

Attendance 05%

Labs 10%

Assignment(s) 05%

## Reading List

All the material covered in this course is available in the form of lecture slides and handouts. If you wish to study further, the following textbooks are recommended:

B.A. Forouzan: *Data Communications and Networking* 3rd Edition

C.B. Fledderman: Introduction to Electrical and Computer Engineering