

NSCOM01

Network Application Protocols

3rd Term – AY 2022-2023

Instructor: Dr. Marnel Peradilla

ONLINE COURSE SCHEDULE

S12

MH 1245-0215 PM

Mondays – Zoom; Thursdays @ A710

INSTRUCTOR

□ **Marnel Peradilla – Computer Technology Department**

- Phd in Information, Communications and Electronics Engineering
- Research Interests:
 - Computer Networks
 - Network Security
 - Mobility and NAT Management
 - New Technologies – IoT, SDN, NDN, Blockchain
- Email: marnel.peradilla@dlsu.edu.ph

COURSE DESCRIPTION

- ❑ **This course focuses on Application Layer**
- ❑ **We will cover different standard network applications protocols**
- ❑ **Familiar and comfortable: reading technical papers**

ACTIVITIES

- ☐ **Quizzes**
- ☐ **Homework**
- ☐ **Laboratory Activities**
- ☐ **Online Board Discussion**
- ☐ **Socket Programming**
- ☐ **Communication Protocol Design**
- ☐ **Network Application Development**

GRADING SYSTEM

Requirement/Assessment Task	Weight
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Examination	30%
Graded Classroom Activities	30%
Network Client Project	40%
TOTAL	100%

PASSING: at least 70%

LEARNING PLAN

Spiral Review

Protocol
Standardization

Best-Effort
Delivery

UDP
Applications

Reliable
Delivery

Server-based
Applications

Streaming
Media

SIP, P2P

DOs AND DON'Ts

- ❑ **Please check your AnimoSpace regularly**
- ❑ **Always mute your microphone during the lecture**
- ❑ **Post your questions in the chat box. During recitation or Q&A, the instructor may ask you to enable your microphone/camera**
- ❑ **Activities will be given ahead of time. No need to ask deadline extension. Points deduction will be given on late submissions.**
 - Quiz, Homework, Seatwork, Simulation/Programming, Papers – up to 5 days late allowed (deduction of 5% per day)
 - Network Application Project – up to 3 days late allowed (deduction of 10% per day)
- ❑ **Academic honesty**

MESSAGE FROM DPO

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