



# **DATA & PROCESS ENGINEERING** Research Lab.

http://ctrl.kyonggi.ac.kr

# **Professor**

# Kwanghoon Pio KIM, Ph.D.

**Division of AI Computer Science &** Engineering eMail: kwang@kgu.ac.kr

Office: 8210

# **Teaching Assistant**

Name: Pham, Dinh-Lam, Ph.D. eMail: phamdinhlam2@kyonggi.ac.kr

### **Class Information**

과목명: 워크플로우관리시스템

학수코드: BE301

학점: 3

시수: 3

전공이수구분: SELECTIVE

학년: MS 과목번호: 0244

강의시간: Thursday 678

강의실: 8306

LMS: http://lms.kyonggi.ac.kr

#### Text Book:

- o Primary: HANDOUTS ON WORKFLOW AND BUSINESS PROCESS MGT. SYSTEMS
- Supplementary: WORKFLOW MANAGEMENT: MODELS, METHODS, AND SYSTEMS (pdf), Principles of Business Process Management Systems (pdf)

## Grade Policy

- o Participations: Attendance 30%, Assignments & Take-Home Quizzes) 30%
- o Examinations: Midterm 20%, Final 20%

Week/Date		Class Subjects	Assignments & Commmets
1	March 3	Introduction to the class and Study Plan	Reading Handouts <sub>1</sub>
2	March 10	Workflow and Business Process Models	Modeling Workflow
3	March 17	Workflow Control Flow Analysis Techniques	Analyzing Workflow <sub>1</sub>
4	March 24	Workflow Resource Analysis Techniques	Analyzing Workflow <sub>2</sub>
5	March 31	Workflow Performance Analysis Techniques	Analyzing Workflow <sub>3</sub>
6	April 7	Standardization in Worklfow	Reviewing Standards
7	April 14	Workflow-supported Information Systems	Take-Home Quiz <sub>1</sub>
8	April 21	Midterm Examination	
9	April 28	Workflow Lifecycle Management	Reading Handouts <sub>2</sub>
10	May 5	Workflow Execution Logging Mechanisms	No Class Makeup Class will be Scheduled!
11	May 12	Workflow Process Mining Approaches	Reading Handouts <sub>3</sub>
12	May 19	Workflow Process Mining Systems	Practicing a Mining tool
13	May 26	Workflow Resource Mining Approaches	Reading Hanouts <sub>4</sub>
14	June 2	Workflow Resource Mining Systems	Take-Home Quiz <sub>2</sub>
15	June 9	Final Examination	

## **KYONGGI UNIVERSITY**

154-42 Kwangkyosan-ro Youngtong-gu Suwon-si, Kyonggi-do, 16227, South Korea

## **PHONE**

My Office: 031-249-9679 AICSE Division: 031-249-9670 University: 031-249-9114

## **WEB**

http://ctrl.kyonggi.ac.kr http://cs.kyonggi.ac.kr http://ccsri.kyonggi.ac.kr