

A background network diagram consisting of numerous blue circular nodes of varying sizes connected by thin, light blue lines. Some nodes are highlighted with a white border. The overall pattern is a complex, interconnected web of nodes and edges, typical of a network graph or data visualization.

Course Introduction

472-326 Management Information System

2/2019

About

This course will introduce the principles of information system, filing system, database management, system development, and programs application, information presentation and nature of information, information processors, data communication, organizing and management of information systems, storage, data retrieval, and data disposition

About (cont.)

Hand-on labs are provided for students to gain experience through a series of software practices.

The course will have **two** lab exams.

This is a **project-based** course. Some lab works will be done in group including **term project** (no final exam).

Day/Time/Room

Day/Time

- Monday 10.30 - 11.50 am
- Wednesday 10.30 - 11.50 am

Room

- Monday Samakkee
- Wednesday BBA Computer Lab Room

Course Outline

- Week#1 Course & Lab Introduction
- Week#2-3 Chapter 1: Information Systems in
Global Business Today
- Week#4 Chapter 2: Global E-business and
Collaboration
- Week#5 Chapter 3: Information Systems,
Organizations, and Strategy

Course Outline (cont.)

- Week#6-7 Chapter 4: Ethical and Social Issues in
Information Systems
- Week#8 Chapter 5: IT Infrastructure and
Emerging Technologies
- Week#8 1st Internal Assessment &
1st Lab Exam
- Week#9 Midterm Exam

Course Outline (cont.)

- Week#10-11 Chapter 6: Foundations of Business Intelligence: Databases and Information Management
- Week#12 Chapter 8: Securing Information Systems
- Week#13-14 Chapter 10: E-commerce: Digital Markets, Digital Goods

Course Outline (cont.)

Week#15	<u>Chapter 13</u> : Building Information Systems
Week#16	<u>Chapter 14</u> : Managing Projects
Week#16	2 nd Internal Assessment & 2 nd Lab Exam
Week#17	Term Project Presentation

Lab Outline

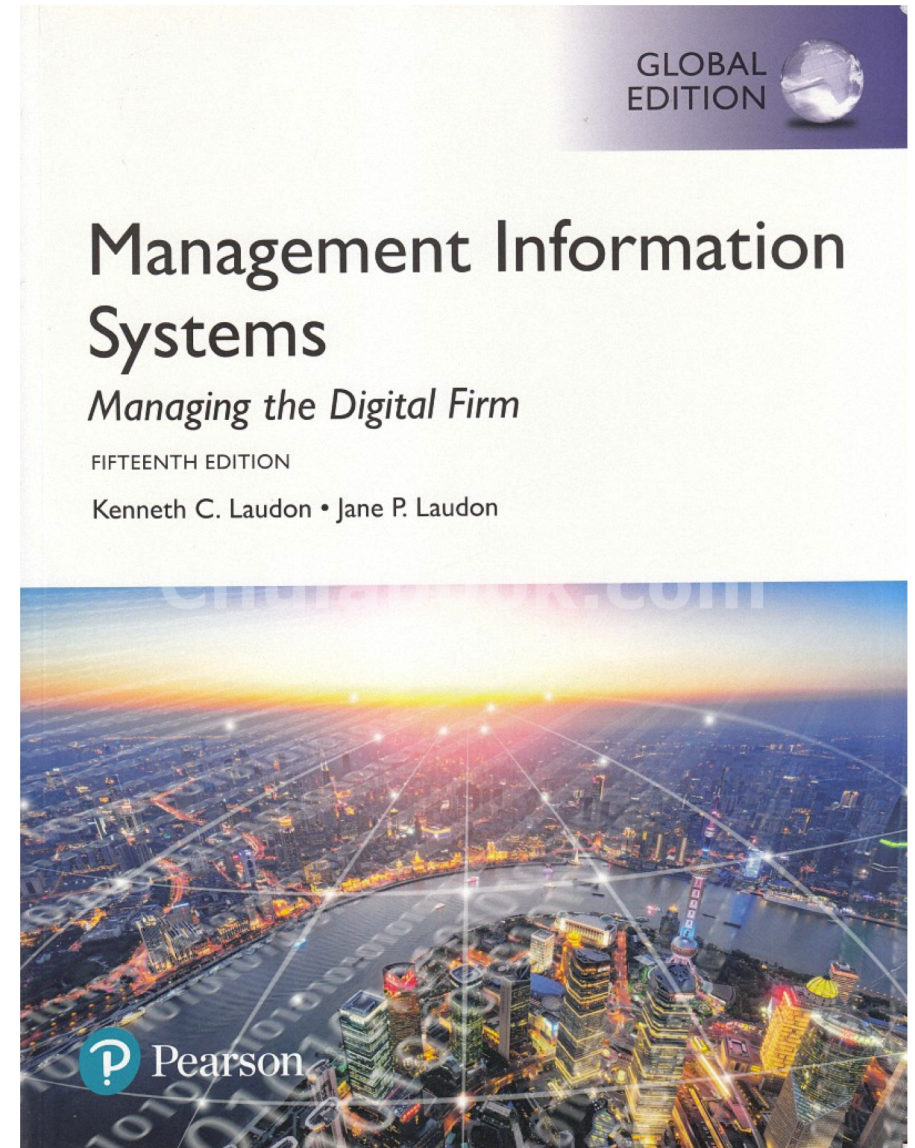
Week#1	Getting New Knowledge
Week#2	Coding with Minecraft
Week#3-4	Cloud Computing & Bitnami
Week#5	AI Platforms
Week#6-7	Build Your Website using WordPress
Week#8	1 st Lab Exam
Week#9	Midterm Exam

Lab Outline (cont.)

Week#10-11	Basic Data Analytics with MS Power BI
Week#12	Blockchain Demo
Week#13	Web Analytics with Google Analytic
Week#14	Thunkable
Week#15	Project Management with Trello
Week#16	2 nd Lab Exam
Week#17	Term Project Presentation

Textbook

Laudon, K. C., & Laudon, J. P.
(2018). Management
information system. Pearson
Education Limited



Term Project

- Group of 2-3 members (3 maximum)
- Each group creates a cloud application on **Google Cloud Platform** through **Bitnami** Launchpad (<https://bitnami.com/>)
- The cloud application **MUST** have your own generated content or data
- CMS e.g., WordPress, Joomla!, and Drupal are not accepted (they are too easy!)

Term Project (cont.)

Examples of cloud application

- e-Commerce: Magento, PrestaShop, OpenCart, Akeneo
- Collaboration: Open edX
- Media Sharing: ownCloud, ResourceSpace
- Project Management: OpenProject
- Social Networking: Diaspora, eXo Platform
- CRM: EspoCRM
- ERP: Odoo

Term Project (cont.)

Presentation day

- A brief introduction
- How it works
- Demonstration
- 15 minutes for each group

Communication

The course information will be updated regularly throughout the semester with lecture and laboratory notes, announcement and important deadlines

<http://lms2.psu.ac.th/>

Grading Policy

Attendance & Class Participation	10%	80 – 100	A
Two Internal Assessments	10%	75 – 79.99	B+
Two Lab Exams	10%	70 – 74.99	B
Lab Submission	10%	65 – 69.99	C+
Midterm Exam	30%	60 – 64.99	C
Term Project	30%	55 – 59.99	D+
		50 – 54.99	D
		0 – 49.99	E

Course Policy

Attendance

- Regular and punctual attendance is required

Lecturer

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