

Syllabus – COURSE TITLE

Kode Mata Kuliah (<i>Course Code</i>): COURSE CODE	Nama Mata Kuliah (<i>Course Name</i>): COURSE TITLE		
Program Studi (<i>Study Program</i>): Informatics	Fakultas (<i>Faculty</i>): Engineering and Computer Science		
Mata Kuliah Pra-Syarat (<i>Course Pre-requisite</i>):	Kredit (<i>Credit</i>): 2		
	Kuliah (<i>Lecture</i>): 2	Tutorial: 0	Praktikum (<i>Practicum</i>): 0
Revisi (<i>Revision Status</i>): 2.0	Semester: Ganjil/Odd Tahun Akademik: 2015/2016		
Lecturer's Name: Irwan Prasetya Gunawan			

COURSE DESCRIPTION

Describe the course in general

COURSE OBJECTIVES

Upon completion of this course, the student should be able to:

- Understand the concepts
- Apply
- Have knowledge on ...
- etc

METHODS OF INSTRUCTIONS

Classroom instruction consists of lectures and practical problem solving, supplemented by visual aids designed to assist the student to successfully meet the courses learning objectives.

It is imperative that students take an active interest in the course. To succeed in this course, students must read, think, and write in a critical and analytical manner and this takes time and practice. Such practice can only be achieved by working exercises. When troubles arise, and they will, the student must ask questions which may be directed to the instructor or other students in a variety of ways.

Students are also encouraged to work together on problem sets as part of their exercises. However, individual must ultimately demonstrate the understanding of the material by writing up his/her own solutions without the help of other students or their written work.

On average students need to spend, at least, 6 hours of study and preparation per week for this course.

ATTENDANCE REQUIREMENT

Comply with academic rules. Punctuality and regular attendance in classes is of prime importance for successful completion of this course. Students will be expected to arrive for class on time and to remain in class until the end of the class session.

Absence from lectures shall not exceed 22%. Students who exceed the 22% limit without a medical or emergency excuse acceptable to and approved by the Dean of the Faculty shall not be allowed to take the final examination and shall receive a mark of zero for the course.

ASSESSMENT

Coursework evaluation will be weighted as follows:

- Mid Semester Test: 30%
- Final Semester Test: 40%
- Others (class participation, Assignments/quiz/pretest): 30%

Syllabus – COURSE TITLE

MATERIAL REFERENCES AND REQUIRED SUPPLIES

Textbooks:

- [1] Jonathan Stein, Digital Signal Processing: A Computer Science Perspective, John Wiley & Sons, 2000
- [2] Steven Smith, The Scientist and Engineers Guide to Digital Signal Processing, California Technical Publishing. Downloadable at <http://www.dspguide.com/pdfbook.htm>

COURSE OUTLINE

Session	Topics & Sub-Topics	Methods	References	Assignment
1	Data and Statistics: (a) Subtopics (b) Subtopics (c) Subtopics (d) Subtopics (e) Subtopics	Lecture, Discussion, Quiz	Chapter 1, pp. 1-20	Probs: 2, 3, 4, 5, 6, 7
2	Data and Statistics: (a) Subtopics (b) Subtopics (c) Subtopics (d) Subtopics (e) Subtopics	Lecture, Discussion, Quiz	Chapter 1, pp. 1-20	Probs: 2, 3, 4, 5, 6, 7
3	Data and Statistics: (a) Subtopics (b) Subtopics (c) Subtopics (d) Subtopics (e) Subtopics	Lecture, Discussion, Quiz	Chapter 1, pp. 1-20	Probs: 2, 3, 4, 5, 6, 7
4	Data and Statistics: (a) Subtopics (b) Subtopics (c) Subtopics (d) Subtopics (e) Subtopics	Lecture, Discussion, Quiz	Chapter 1, pp. 1-20	Probs: 2, 3, 4, 5, 6, 7
5	Data and Statistics: (a) Subtopics (b) Subtopics (c) Subtopics (d) Subtopics (e) Subtopics	Lecture, Discussion, Quiz	Chapter 1, pp. 1-20	Probs: 2, 3, 4, 5, 6, 7
6	Data and Statistics: (a) Subtopics (b) Subtopics (c) Subtopics (d) Subtopics (e) Subtopics	Lecture, Discussion, Quiz	Chapter 1, pp. 1-20	Probs: 2, 3, 4, 5, 6, 7
7	Data and Statistics: (a) Subtopics (b) Subtopics (c) Subtopics (d) Subtopics (e) Subtopics	Lecture, Discussion, Quiz	Chapter 1, pp. 1-20	Probs: 2, 3, 4, 5, 6, 7
MID SEMESTER TEST				
8	Data and Statistics: (a) Subtopics (b) Subtopics (c) Subtopics (d) Subtopics (e) Subtopics	Lecture, Discussion, Quiz	Chapter 1, pp. 1-20	Probs: 2, 3, 4, 5, 6, 7
9	Data and Statistics: (a) Subtopics (b) Subtopics (c) Subtopics (d) Subtopics (e) Subtopics	Lecture, Discussion, Quiz	Chapter 1, pp. 1-20	Probs: 2, 3, 4, 5, 6, 7

Syllabus – COURSE TITLE

10	Data and Statistics: (a) Subtopics (b) Subtopics (c) Subtopics (d) Subtopics (e) Subtopics	Lecture, Discussion, Quiz	Chapter 1, pp. 1-20	Probs: 2, 3, 4, 5, 6, 7
11	Data and Statistics: (a) Subtopics (b) Subtopics (c) Subtopics (d) Subtopics (e) Subtopics	Lecture, Discussion, Quiz	Chapter 1, pp. 1-20	Probs: 2, 3, 4, 5, 6, 7
12	Data and Statistics: (a) Subtopics (b) Subtopics (c) Subtopics (d) Subtopics (e) Subtopics	Lecture, Discussion, Quiz	Chapter 1, pp. 1-20	Probs: 2, 3, 4, 5, 6, 7
13	Data and Statistics: (a) Subtopics (b) Subtopics (c) Subtopics (d) Subtopics (e) Subtopics	Lecture, Discussion, Quiz	Chapter 1, pp. 1-20	Probs: 2, 3, 4, 5, 6, 7
14	Data and Statistics: (a) Subtopics (b) Subtopics (c) Subtopics (d) Subtopics (e) Subtopics	Lecture, Discussion, Quiz	Chapter 1, pp. 1-20	Probs: 2, 3, 4, 5, 6, 7
FINAL SEMESTER TEST				

Prepared by:

Name: Irwan Prasetya Gunawan

Position: Lecturer

Date: April 1, 2016

Certified by:

Name: Hoga Saragih

Position: Head of Department

Date