ROUTE SHEET
PERMANENT COURSE CHANGE/APPROVAL
(Attach course change request form)

Prefix & Number **IS 600**   Course Title **Foundations of Computer and Information Systems**

Abbreviation for Schedule (20 characters): **Fnd Comp & Info Sys**

Nature of course request (Mark all that apply)

☑ Add a course	☐ Prerequisite change	☐ LACC course
☐ Delete a course	☐ Number/Prefix change	☐ Undergraduate course
☐ Title change	☐ Description change	☑ Graduate course
☐ Writing Intensive (WI)	☐ Multicultural Diversity (D)	☐ 400/500 course
☐ Quantitative Literacy (Q)	☐ Honors course (H)	☐ Other: _____

1) Faculty Sponsor Signature _____   Date _5/8/14_

2) Dept./Program Coordinator _____   Date _5/8/14_

3) Division Chair _____   Date _5/8/14_

   Curriculum Chair _____   Date _5/8/14_

4) Faculty Senate Committees: The Curriculum Committee reviews all course proposals except for honors and graduate courses, which are reviewed instead by the Honors Committee or Graduate Committee. All 400/500 "split" courses must be approved by <u>both</u> the Curriculum and Graduate Committees. All curriculum committee decisions are forwarded to the Senate Executive Committee.

   a) Curriculum Committee Chair _____   Date _____

   ___ N/A ___ Approved ___ NOT Approved

   b) Graduate Committee Chair _____   Date _____

   ___ N/A ___ Approved ___ NOT Approved

   c) Honors Committee Chair _____   Date _____

   ___ N/A ___ Approved ___ NOT Approved

5) Faculty Senate President _____   Date _____

   ___ Approved by the Senate Executive Committee
   ___ Approved by the Senate   ___ NOT Approved (*Return to sponsor*)

6) Appropriate Dean _____   Date _____

   ___ Approved   ___ NOT Approved (*Return to Faculty Senate President*)

7) Provost/VPAA _____   Date _____

   ___ Approved   ___ NOT Approved (*Return to Faculty Senate President*)

REQUEST FORM
PERMANENT COURSE APPROVAL

Initiated by (print): ___Scot Morse_____ Date: __IS 600____

ADDING A COURSE

Prefix/Number	Descriptive Title	Cr. Hours
IS 600	Foundations of Computer and Information Systems	4

Catalog Description:

An introduction to concepts fundamental to modern computer and information systems. Course provides an overview of the field of computing relevant to professionals in a business IT setting and in particular provides a survey of topics not covered by other domain specific courses in the program. Topics may include: information systems hardware and software components, information representation storage and retrieval, development languages, algorithms and efficiency, operating systems, network communications, database, systems development, security and ethics.

Course Goals and Objectives:

The primary goal of this course is to provide students with a common basic foundation in the field of Information Systems. Some students will enter the program with previous academic or professional experience in this field; others will enter with nearly none. This course aims to bring students from all backgrounds to a common level of knowledge and understanding of the current state of the field.

Upon completion of this course, students will be able to

- understand, use and define terminology common to information systems professionals
- understand the role computing infrastructure plays in the construction and operation of modern information systems
- understand many of the details of how information systems enable modern business and commerce
- explain how information is stored, processed and transported by computing systems
- apply limitations inherent to computing systems to common problems
- recognize the domain specific knowledge required to accomplish certain IT tasks
- appreciate the need to secure information systems resources
- evaluate and analyze the ethical questions that arise regarding the collection and use of consumer data

Justification for adding the course (e.g. alignment with other institutions, program revision, etc.):

Students previously took CS 600 to meet this basic requirement. That course will likely remain a Computer Science heavy introductory course. This course is moving to an Information Systems focus and will require less math, programming and technical knowledge while adding more breadth and study of business applications. It is therefore far more applicable to the M & IS program and takes on the role of the first course in the revised program.

Briefly describe other WOU faculty/programs consulted (attach additional sheet(s) if necessary).

Faculty in the divisions of Computer Science and Business have been consulted. No other

programs are affected.

Faculty and Facilities Needed:

1 Faculty + 1 smart classroom

Attach brief course outline

Foundations of Computer and Information Systems

CREDIT 4 credits

INSTRUCTOR Dr. Scot Morse
    ITC 302B
    (503)838-8921
    (503)838-8332 (fax)
    http://www.wou.edu/~morses

OFFICE HOURS See website for current hours.

CLASS TIME 12:00 to 13:50 Monday and Wednesday in ITC 301

TEXTBOOK *Principles of Information Systems* 11th ed., by Ralph Stair, and George Reynolds. Cengage Learning, (2013).

Course Description

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Learning Outcomes

Upon completion of this course, students will be able to

- understand, use and define terminology common to information systems professionals

- understand the role computing infrastructure plays in the construction and operation of modern information systems

- understand many of the details of how information systems enable modern business and commerce

- explain how information is stored, processed and transported by computing systems

- apply limitations inherent to computing systems to common problems

- recognize the domain specific knowledge required to accomplish certain IT tasks

- appreciate the need to secure information systems resources

- evaluate and analyze the ethical questions that arise regarding the collection and use of consumer data

Course Requirements

The course grade will be determined according to the following breakdown:

Quizzes	60 %
Homework	20%
Project and/or Final Exam	20 %
Attendance	varies up to one letter grade

The following grading scale and distribution will be used to assign a letter grade:

100%-92%	A
91%-90%	A
89%-88%	B+
87%-82%	B
81%-80%	B-
79%-78%	C+
77%-72%	C
71%-70%	C-
69%-68%	D+
67%-62%	D
61%-60%	D-
59%-0%	F

Quizzes

There will be weekly quizzes over the material covered in lecture, assigned for reading and homework for that week.

Homework

There will be several homework assignments throughout the term. These must be completed individually unless otherwise stated. Details will be posted on the class website.

Project and/or Final Exam

There will be either a term project or a final exam. Details to be determined.

Attendance

Attendance of lectures is critical to learning the course material and being successful in the M & IS program. This professor expects regular class attendance. Missing more than one class per term, without prior approval, will result in a decrease of the course grade.

Academic Honesty

Code of Student Responsibility 574-031-0030 Specific Standards and Policies

The following list of prohibited forms of conduct is not all inclusive since it is not possible to list all potential violations. The University requires that all students behave in a manner congruent with established community standards and in a manner conductive to the development of the individual. Actions detrimental to the mission of the University and the legitimate activities of the academic community which constitute the University are in violation of this Code and may be subject to judicial procedures.

1. Academic dishonesty, which includes but is not limited to:

   Cheating intentional use or attempted use of artifice, deception, fraud, and/or misrepresentations of ones academic work;

   Fabrication unauthorized falsification and/or invention of any information of citation in any academic exercise;

   Facilitating dishonesty helping or attempting to help another person commit an act of academic dishonesty. This includes students who substitute for other persons in examinations or represent as their own papers, reports, or any other academic work of others;

   Plagiarism representing without giving credit the words, data, or ideas of another person as ones own work in any academic exercise. This includes submitting, in whole or in part, prewritten term papers of another of research of another, including but not limited product of commercial vendor who sell or distribute such materials. And the appropriation of and/or use of electronic data of another person or persons as ones own, or using such data without giving proper credit for it; or

   Any use or attempted use of electronic devices in gaining an illegal advantage in academic work in which use of these devices is prohibited, and such devices include but are not limited to cell phones, laptops, etc.