



Purpose: It is the intention of this Administrative-Master Syllabus to provide a general description of the course, outline the required elements of the course and to lay the foundation for course assessment for the improvement of student learning, as specified by the faculty of Wharton County Junior College, regardless of who teaches the course, the timeframe by which it is instructed, or the instructional method by which the course is delivered. It is not intended to restrict the manner by which an individual faculty member teaches the course but to be an administrative tool to aid in the improvement of instruction.

Course Title - Special Topics in Computer Systems Networking and Telecommunications

Course Prefix and Number – ITNW 1192

Department – Computer Science

Division – Technology and Business

Course Type: (check one)

- Academic General Education Course (from ACGM – but not in WCJC Core)
- Academic WCJC Core Course
- WECM course (This course is a Special Topics or Unique Needs Course: Y or N)

Semester Credit Hours #: Lecture Hours #: Lab/Other Hours #: 1:1:1

Equated Pay hours for course – 1.5

Course Catalog Description - Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

Prerequisites/Co-requisites – ITNW 2305 or ITNW 1316 and ITSC 1305 with a grade of “C” or better

List Lab/ Other Hours
Lab Hours 1
Clinical Hours
Practicum Hours
Other (list)

Prepared by: Donna Schilling

Date: 7-8-2015

Reviewed by Department Head: Donna Schilling

Date: 7-8-2015

Accuracy verified by Division Chair: David Kucera

Date: 8/12/15

Approved by Dean or Vice President of Instruction: Leigh Ann Collins

Date: 3-4-16



I. Topical Outline – Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, clinical or other non-lecture instruction):

- Occupational Skills and Needs
- Business Trends
- Industry Trends
- Current Hardware
- Current Software

II. Course Learning Outcomes

Learning Outcomes	Methods of Assessment
<p>Upon successful completion of this course, students will:</p> <p>Learning outcomes/objectives are determined by local occupational need and business and industry trends</p>	<p>All outcomes will be assessed by one or more of the following:</p> <p>Tests Assignments Projects</p>

III. Required Text(s), Optional Text(s) and/or Materials to be supplied by Student.

- Textbook and online material to be determined by course offering. An example would be Moyer, Christopher M. “Building Applications in the Cloud – 11th Edition”, Addison=Wesley Longman, Inc., 2011, 978-0321720207
- USB drive
- Windows PC with a high-speed Internet Connection

IV. Suggested Course Maximum - 20

V. List any specific spatial or physical requirements beyond a typical classroom required to teach the course.

- Computer lab with removable hard drives and internet connection
- Software: Microsoft Office, Windows Server operating system, Windows and VMWare.

VI. Course Requirements/Grading System – Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course

- Assignments..... 0-50%
- Projects 0-50%
- Tests and Final Exam 50-100%

Based on the above breakdown, grades will be awarded as prescribed by Wharton County Junior College Standards.

- 90% to 100% = A
- 80% to 89% = B
- 70% to 79% = C
- 60% to 69% = D
- Below 60% = F

VII. Curriculum Checklist

- **Academic General Education Course** (from ACGM – but not in WCJC Core)
No additional documentation needed

- **Academic WCJC Core Course**
Attach the Core Curriculum Checklist, including the following:
 - Basic Intellectual Competencies
 - Perspectives
 - Exemplary Educational Objectives

- **WECM Courses**
If needed, revise the Program SCANS Matrix & Competencies Checklist.