



**TRINITY VALLEY COMMUNITY COLLEGE
ADMINISTRATIVE-MASTER SYLLABUS**

The Administrative- Master Syllabus is an administrative tool; it is **not intended to be distributed to students.** 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 TVCC, 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. The Administrative-Master Syllabus will demonstrate that there is consistency and comparability in course offerings.

Course Title

AS-400 Operating Systems and Operations

Course Prefix and Number

ITSC 1311

Department – Division

Computer Science

Course Type – select from one of the following categories.

- **Academic General Education Course** (from ACGM – but not in TVCC Core)
- **Academic TVCC Core Course**
- **WECM Courses**

Semester Credit Hours: Lecture Hours: Lab/other hours

Semester Credit Hours	Lecture Hours	Lab/Other* Hours
3	2	4

Other hours include practicum, clinical or other types of non-lecture instruction. *If other, please specify: _____

Course Catalog Description

A study of computer hardware and their operational relationships. The course will emphasize operation of the IBM system 36 or IBM AS/400.

Prerequisites/co requisites

None

Topical Outline

Upon successful completion of this course, the student should have the understanding of how to communicate with, and commands to operate the AS/400.

Course Learning Outcomes

The student will acquire an understanding of the following course learning outcomes:

- Sign on to the AS/400 properly entering a user name and password
- Know the difference between system and subsystem
- Describe the two most common types of jobs
- Know what a user profile is
- Describe several features of the AS/400 operating system
- Explain the function of AS/400 Control language (CL)
- Enter a CL command on a command line using proper syntax
- Explain the purpose of system values and how to check them
- Understand the difference between the four types of screen displays
- Know the difference between CL commands and AS/400 menu paths
- Use command prompt screens to provide command parameter values
- Use the GO command to display menus of related commands
- Know the four parts of the library list
- Create a user library
- Change a user profile so that the library created is the current library
- Use HELP
- Change a password
- Know what spooling is
- Know what an output queue is
- Know how to release, hold, or reroute spooled files
- Know how to work with a list of printers
- Create a source physical file and enter specifications for a data-file member using SEU
- Use PDM (Program Development Manager) to move from a list of libraries to a list of objects to a list of members

COURSE LEARNING OUTCOMES CONTINUED:

- Use DDS (Data Description Specifications) to describe a simple physical file
- Enter data into a database file using DFU (Data File Utility)
- Use Query/400 to generate a display or printed report based on a single file
- Use Query/400 to join two or more files to get the information needed for a report
- Know what a logical file is
- Create a simple logical file over an existing physical file
- Know the difference between arrival-sequence and keyed-sequence access paths
- Demonstrate a working knowledge of the following CL (Control Language) commands:
 - CRTLIB
 - DSPLIBL
 - CHGCURLIB
 - ADDLIBLE
 - CHGLIBL
 - EDTLIBL
 - CHGPRF
 - CHGUSRPRF
 - ADDLIBLE
 - CRTOUTQ
 - DSPUSRPRF
 - DSPFD
 - DSPDEVD
 - WRKOUTQ
 - WRKSPLF
 - CHGSPLFA
 - RUNQRY

Relationship to General Education Outcomes – In addition to the core competencies, Trinity Valley Community College has established ten general education goals which specify knowledge and skills that students should gain from completing courses in the various component areas of the core curriculum. Information regarding curriculum and assessment as a means for the improvement of student learning through the general education component. (Select all that apply.)

Mark with an "X"	General Education Outcome
	A. To communicate clearly and effectively in both oral and written English.
	B. To improve reading skills focused on comprehending, analyzing, interpreting, and evaluating printed materials.
	C. To understand mathematical information and utilize mathematical skills.
	D. To demonstrate qualitative and quantitative critical thinking skills.
	E. To understand and appreciate cultural and ethnic diversity.
X	F. To utilize computer based technology in accessing information, solving problems, and communicating.
	G. To recognize and evaluate artistic achievements in the visual and performing arts.
	H. To improve basic understanding of political, economic, and social systems.
	I. To demonstrate knowledge of the physical universe and living systems.
	J. To develop skills and strategies to become an engaged learner.

Required Text(s)

The current edition of the textbook from the bookstore.

Optional Text(s)

None

Material/Technology to be supplied by the student.

Pencil or pen for note taking and scantrons for taking quizzes

Course Requirements/Grading System – describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course; not intended to restrict the individual nature by which each faculty member who teaches the course determines course requirements and final student performance, but should offer consistency within reason for all sections taught for those departments without a standardized format.

The student’s grade will be determined by performance on quizzes, laboratory assignments and a final. The class instructor prepares the individual grade criteria with respect to the departmental syllabus.

Approvals – the contents of this document have been reviewed and are found to be accurate.

Prepared by	Signature	Date
Department Head	Signature	Date
Division Chair	Signature	Date
Vice President	Signature	Date