TECHNOLOGY SYSTEMS (TS)

TS 090A Academic Support Seminar I (0 credits)

TS 090B Academic Support Seminar II (0 credits)

TS 090C Topic: Academic Skills Seminar (4 credits)

TS 095A Employment Preparation Seminar I (0 credits)

TS 095B Employment Preparation Seminar II (0 credits)

TS 099 Tech Internship (0 credits)

TS 105 Computers for Human Empowerment (4 credits)
This course is designed to introduce the fundamental principles of information technology and explore the use of the computer as a tool for human empowerment. The student will develop an understanding of the computer by learning to write simple computer programs, use the Internet for research and communication, and by learning to use various software applications, including spreadsheets, graphics, database, and communications. Under the direction of the classroom instructor, the students will introduce community students to the use of the personal computer.
Course Rotation: Fall and Spring.

TS 105A Computers for Human Empowerment (0-2 credits)

TS 105V Computers for Human Empowerment - Learning Community (4 credits)
Open to all students. This Learning Community links ENG 110V - Composition with - TS 105 - Computers for Human Empowerment.

TS 210 Word Processing for the Microcomputer (3 credits)
Designed to provide in-depth, hands-on coverage of a current word processing program as well as word processing concepts, this course starts with the basic document cycle (create, edit, print) and continues with more advanced editing and formatting techniques. Students will also learn to use a word processor for desktop publishing and graphics applications. Commonly used business formats for correspondence and reports will be covered.

TS 210A Word Processing Applications (0-2 credits)
Designed to provide introductory, hands-on coverage of a current word processing program, as well as word processing concepts. This course starts with the basic document cycle (create, edit, print) and continues with more advanced editing and formatting techniques. Commonly used business formats for correspondence and reports will be covered.
Course Rotation: Fall and Spring.

TS 211 Spreadsheet App-Microcomputer (3 credits)

TS 212 Database Applications for the Microcomputer (3 credits)
This course covers database management concepts for the end user. Students will learn good database design and database implementation using a current microcomputer database package. Topics include database processing concepts, database design, relational operations, using a forms generator, report generation, and using command files to create complex applications. Hands-on application is emphasized.

TS 213 Multimedia Applications for the Microcomputer (3 credits)
This course provides a comprehensive introduction to the use of multimedia for enhancing business communications. Topics include CD-ROM, sound, video, and graphics. Students will prepare computer-based presentations incorporating text, graphics, digitized images, and animation.

TS 213A Multimedia and Telecommunication Applications for the Microcomputer (0-2 credits)
This course provides an introduction to the use of multimedia for enhancing business communications. Topics include, CD-ROM, sound, video, and graphics. Students will prepare computer-based presentations incorporating text, graphics, digitized images, and animation.

TS 214 Computer Operating Systems (3 credits)
This course covers the basic and advanced commands needed to perform common operating system tasks in both a single-user, single-tasking environment, and a multitasking environment. Topics include basic microcomputer hardware concepts as they relate to operating systems, operating system concepts and commands, comparison of operating systems, software installation, and software troubleshooting.

TS 220 End User Information Systems Planning and Design (3 credits)
This course covers the planning stages of end-user information systems development with particular emphasis upon employee and work group interactions. The ability to define and solve business end-user related systems, especially through ergonomics and feasibility studies, is emphasized. Attention systems terminology. A systems mode of thinking covering end-user issues is emphasized throughout the course.

TS 271 Internship/Seminar in Technology Systems (1-6 credits)
This internship is designed to provide the student an experience in hands-on computer applications in an approved on-campus site or an approved off-campus site. Students will meet periodically with the instructor. Compensation may or may not be granted for the internship/practicum.
Course Rotation: TBA.

Prerequisites: Permission of the Instructor is required. Contact Professor Daniels at CDaniels@pace.edu or at 212-346-1446 for further information.

TS 271A Internship/Seminar in OIS (1-4 credits)
This internship is designed to provide the student an experience in hands-on computer applications in an approved on-campus or an approved off-campus site. Students will meet periodically with the instructor. Compensation may or may not be granted for the internship/practicum.

TS 271B Internship/Seminar in Technology Systems (1-4 credits)

TS 314 Computer Operating Systems (4 credits)
This course will provide the theoretical foundation and skills required to install, troubleshoot, maintain, and support operating systems. A thorough survey of personal computer and intermediate server operating systems available today will be provided, including Windows, UNIX, Macintosh, and DOS. Topics include their functional similarities and differences, file management distinctions, installation procedures, printer and other peripheral device management, interoperation with legacy systems, maintenance, backup operations, and troubleshooting methods.
Course Rotation: TBA.

TS 361 Introduction to the Personal Computer and Network Troubleshooting (4 credits)

TS 362 Advanced Personal Computer and Network Troubleshooting (4 credits)

TS 395 Independent Study in Technology Systems (1-9 credits)
Course Rotation: TBA.

TS 395A Independent Study in Technology Systems (A) (1-9 credits)

TS 395B Independent Study in Technology Systems (B) (1-9 credits)

TS 395C Independent Study in Technology Systems (C) (1-9 credits)

TS 396A Innovative Technologies for Complex Issues (3 credits)
This course is the study of advanced concepts and issues relevant to TS. Content will vary according to the needs and interests of the students and the interests and expertise of the faculty. Selected topics will emphasize current technological advancements.
Course Rotation: TBA.

TS 410 Innovative Technologies for Complex Issues (4 credits)

TS 461H Office Administration (0-2 credits)