SAN JUAN COLLEGE
Success Matters

ITCT-110 INTRODUCTION TO INFORMATION TECHNOLOGY 3 CREDITS

SYLLABUS

CATALOG DESCRIPTION

An introduction to basic computer hardware components, hardware compatibility issues, software installation and functions, security risks and prevention, preventative maintenance and green technology issues. May be preparation for an industry certification exam.

Prerequisites: MATH-096, ENGL-095 and RDNG-096 or appropriate Math, English, and Reading Accuplacer scores

Semester Offered: On Demand

COMMON STUDENT LEARNING OUTCOMES

Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in…

BROAD AND SPECIALIZED LEARNING

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION

Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

COURSE LEARNING OUTCOMES

Upon successful completion of the course, the student will be able to…
1. Identify basic computer concepts and components.
2. Identify various system unit components.
3. Identify various computer peripherals.

A copy of this approved syllabus is on file in the dean's office.
Updated 12/14/18

4. Identify the characteristics of portable computing devices and media players.
5. Create a basic PC workstation.
6. Work with files and folders in a Windows®-based system.
7. Plan and perform software installations.
8. Describe the technologies used in computer networks.
9. Identify Internet protocols and email protocols, and browse the Internet using a web browser.
10. Describe personal computer security threats and security measures to prevent attacks on computer systems.
11. Identify the risks associated with upgrading software and hardware.
12. Perform maintenance of computer components using preventative maintenance techniques.
13. Maintain and troubleshoot a basic PC workstation.

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