PC Hardware
ITSC-1325
Syllabus – 2026

Instructor Information

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Office Hours: By Appointment

Course Description

This course focuses on Information Technology (IT) occupations for entry level, technical, and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services. Students explain proper troubleshooting techniques as related to computer hardware, identify how mobile devices such as personal data assistants and cell phones connect and share data, demonstrate an understanding of the rationale behind error messages and symptoms of hardware failures, compare operating systems, and understand the theory behind the installation and configuration of software programs, as well as updates in IT systems.

Course Objectives and Expected Learning Outcomes

By the end of the course, students will be equipped with practical skills in computer maintenance, a comprehensive understanding of hardware and software management, and the ability to support and troubleshoot IT systems effectively. The course hopes to develop proficiency in the following areas:
1. Demonstrate the ability to effectively maintain, troubleshoot, and repair computer hardware components.
2. Diagnose and resolve common hardware problems.
3. General knowledge of operating systems.
4. Software installation and configuration.

Course Materials

No supplies are required for this course.

Major Course Topics

- Hardware
- Troubleshooting Techniques
- Operating Systems
- Error Messages
- Software
- Networking
- IT Security

Communication

There are a variety of modes of communication for this course. I highly recommend
- **Schoology** – All PowerPoints and additional information will be stored here.
- **Email** – If you have any specific questions, concerns, or need to share information privately, please feel free to email me directly. If you'd like to arrange a conference, it's best to contact me via email to schedule a face-to-face, online, or phone discussion.

Methods for Assessing Learning Outcomes and Grading

Summary of Course Grading:
Course grades will be based as shown below

Category	Percentage of Overall Grade
Daily Assignments	60%
Assessments	40%

Grading Outcomes:
Final course grades will be determined by percentage as detailed. The score used will be the exact score as calculated by the instructor.

Grade	Percentage
A	90.0 – 100.0%
B	80.0 – 89.9%
C	70.0 – 79.9%
D	60.0 – 69.9%
F	0.0 – 59.9%

Purpose of Grading:
Grades are a measure of students' mastery of the Texas Essential Knowledge and Skills. Grades communicate academic progress and provide timely feedback to students and parents.

Grading Requirements:
A minimum of 1 grade per week, 5 grades by progress reports, and 10 grades by the end of the 6-week period. Grades recorded in the gradebook will be linked to key understanding, performance assessments, or TEKS-based student expectations.

Course Policies

Redo Policy:
All students are allowed a reasonable opportunity to redo any assignment or re-take an examination for 90% credit. The purpose of re-teaching and re-assessment is to allow students who have not yet demonstrated mastery of the Texas Essential Knowledge and Skills additional opportunities to learn.

Makeup Policy:
For every school day absent, the student has two class days for completion of missed assignments. Administrators have the discretion to modify this guideline due to extenuating circumstance. However, students are expected to make every effort to gather and complete work prior to a school-sponsored absence. Time allowed for makeup work due to a school-sponsored activity should be in accordance with the makeup work for all absences.

Late Work:
For each day an assignment is late, a 10% deduction will be applied. Assignments turned in after the due date forfeit the opportunity to redo the assignment. Students who submit late work may be asked to complete remediation steps at the teacher's discretion prior to turning in the work after the deadline. A repeated pattern of late work may include further interventions and/or consequences.

Statement of Academic Integrity

Academic integrity is taking responsibility for one's own class and/or course work, being individually accountable, and demonstrating intellectual honesty and ethical behavior. Academic integrity is a personal choice to abide by the standards of intellectual honesty and responsibility. Because education is a shared effort to achieve learning through the exchange of ideas, students, faculty, and staff have the collective responsibility to build mutual trust and respect. Ethical behavior and independent thought are essential for the highest level of academic achievement, which then must be measured. Academic achievement includes scholarship, teaching, and learning, all of which are shared endeavors. Grades are a device used to quantify the successful accumulation of knowledge through learning. Adhering to the standards of academic integrity ensures grades are earned honestly. Academic integrity is the foundation upon which students, faculty, and staff build their educational and professional careers.

Use of AI in this Course

You may use generative artificial intelligence (AI) tools (such as ChatGPT) in this class, as doing so aligns with our course learning goals. Your use of AI tools must be properly documented and cited. You are responsible for ensuring the information you submit based on an AI query does not contain misinformation, unethical content, or violate intellectual property laws. Submission of AI-generated content as your own work is a violation of academic integrity and may result in referral to the Administration. Please contact your instructor if you have questions regarding this course policy.