

Grande Prairie Regional College
Department of Computer Systems Technology

Course Outline: CT 110 - Introduction to Computing Concepts

Instructor: David Gregg

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Textbook: Introduction to Computers and Information Systems by Athey and Zmud

Evaluation:

Assignments:	15%
Quizzes:	45%
Final exam:	40%

Final Grade: Final percentages are converted to GPRC's nine point scale as follows:

90 - 100%	9	
80 - 89%	8	Excellent
72 - 79%	7	
65 - 71%	6	Good
57 - 64%	5	
50 - 56%	4	Pass
45 - 49%	3	Fail
26 - 44%	2	
0 - 25%	1	

Course Objectives: This course provides the student with an introduction to computers and their use in business, educational and scientific settings. This course serves as an introductory literacy course for students in the Computer Systems Technology program.

Assignment Policy: All assignments must be turned in--late or not--in order for you to receive a passing grade in this course. Late assignments will be accepted, but penalized by 25%.

Course Content:

Topic	Classes Required	Chapters
1) Introduction	3	1, 2
2) The CPU	5	3
3) Computer Input	1	4
4) Computer Output	1	5
5) Secondary Storage	3	6
6) Operating Systems	3	7
7) File and Database Management	4	8
8) Computer Communications	5	9
9) Management Information Systems	1	10
10) Systems Analysis and Design	3	11, 12
11) Program Development	3	13
12) Programming Languages	2	14

Assignments

- 1) (Worth 10 marks. Due prior to December 1.)
Write a short paper (500 words) discussing the topic "The Computer Storage Hierarchy". You will be marked on content as well as your use of english. You must include a bibliography. Use your wordprocessing skills.
- 2) (Worth 5 marks. Due prior to final exam.)
Write an even shorter essay (200 words) discussing why a modular program design makes for "better" programs. You will be marked on content as well as your use of english. Use your wordprocessing skills.

Quizzes

There will be three quizzes during this course; each quiz being worth 15%. Each quiz will take one class period and will consist of multiple choice questions based entirely on chapters in the text. Please read the required chapters. Quiz dates will be announced in class about one week prior to the quiz.

Quiz	Title	Topics
1	Computer Hardware	1,2,3,4,5
2	Systems Software	6,7,8
3	Applications Software	9,10,11,12

Final Exam

The final exam, the date which is scheduled by the registrar, will consist of multiple choice and short answer questions.