CP701 C Programming: Intro

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Introduction

- Introduction to C programming
- Prerequisites
- Your background and class goals
  - Prior programming experience
- Classroom housekeeping
- Class format
- Pass/Fail/Incomplete

Grading

- 10 class sessions (5 points each class attended)
- 7 homework assignments (15 points each)
- 1 midterm (100 points)
- 1 final (100 points)
- Bonus problems
- 355 total points - 284 points to pass (80%)

CP701 Syllabus

- Week 1 - Basic C Programming Concepts
- Week 2 - Data Types, Operands, & Precedence
- Week 3 - Program Control
- Week 4 - Functions
- Week 5 - Midterm

CP701 Syllabus

- Week 6 - Arrays
- Week 7 - Pointers
- Week 8 - Characters and Strings
- Week 9 - Programming Style
- Week 10 - Final

Homework Rules

- You must have an ANSI C compiler
- You must turn in a paper copy of your homework with the content described below
  - Two types of homework problems
    - Q & A
      - Restate the question then provide your answer
    - Programs
      - Provide source code for program
      - Provide copy of program output
      - Provide any questions or difficulties with homework on a separate sheet.

Homework Rules

- Your code must compile to receive points (Enable ANSI on your compiler)
- Use indentation to show flow control
- Use a comment showing you as the author

```
/*
** Page 147, Level 2, Problem 5.
**
** Usage: base num1 num2 base
**
** Illustrates the use of the strtol() conversion function by
** implementing a calculator program which adds two
** numbers given in a specified base. The base must be between
** 2 and 10.
**
** Author: David Nielsen
** CP701
*/
```

Homework rules

- Late homework is not accepted
- If you get stuck with homework you can email a question. Please include a copy of the source code. I can usually help you solve the problem