Introduction to C Programming

Syllabus One page Assignment and Reading List

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| **Week** | **Readings** | **Homework** |
| Week One: Feb 4th  *Up to Feb 4th* | Chapter 1 – Introduction  Chapter 2 – Some Fundamentals  Chapter 3 – Compiling and Running Your first Program | Chapter 3 –  Problems #2, #3, #4, #5, #6 |
| Week Two: Feb 11th  *Feb 4th - Feb 11th* | Chapter 4 –Variables, Data Types, and Arithmetic Expressions  Chapter 15 – Input and Output Operations in C – pp. 348- 355 | Chapter 4 – Problems #2, 3, 4, 5 |
| Week Three: Feb 18th  *Feb 11th -Feb 18th* | Chapter 5 – Program Looping  Chapter 6 – Making Decisions  QUIZ #1 At end of class | Chapter 5 – Problems #2, 4, 6, 11  Chapter 6 – Problems #2, 3, 6 |
| Week Four: Feb 25th  *Feb 18th -Feb 25th* | Chapter 7 – Working with Arrays  Chapter 10 – Character Strings | Chapter 7 – Problems #4, 5, 6  Chapter 10 – Problems #3, 6 |
| Week Five: Mar 4th  *Feb 25th -March 4th* | Chapter 8 – Working with Functions  Chapter 13 - The Preprocessor  Appendix B – The Standard C Library | Chapter 8 – Problems #4, #7, #11  Chapter 13 – Problems #3, #4, #5, #9 |
| March 18th: No Class | No Class | No Class |
| Week Six: Mar 25th  *March 4th -March 25th* | Chapter 11 – Pointers  Chapter 17 – Miscellaneous & Advanced Features (pp. 384 – 388) | Chapter 11 – Problems #10, 12  Quiz #2 at end of class  Take–home Mid-Term will be handed out – return on Week 8 |
| Week Seven: April 1st  *Mar 25th - April 1st* | Chapter 9 – Working with Structures  Chapter 12 – Operations on Bits | Chapter 9 – Problems #2, #3  Chapter 12 – Problems #6, #7 |
| April 8th: No Class | No Class | No Class |
| Week Eight: April 15th  *April 1st – April 15th* | Chapter 16 – Input and Output Operations in C  Chapter 17 – Misc and Advanced Features (pp 380 – 384) | Chapter 16 - #3, #4  Quiz #3 at end of class  Take-home Final will be handed out – return on Week 10 |
| Week Nine: April 22nd  *April 15th - April 22nd* | Chapter 19 – Object Oriented Programming | Work on Final |
| Week Ten: April 29th | Chapter 15 – Working with Larger Programs | Suggested Readings |