

Course Objective:

To learn basics of C and be able to translate that knowledge into code bringing it together with one final project of their own choice. Teachers will be there for guidance and advice, sharing their competitive knowledge with the students.

Logistics:

Course will be run over google meet every Sunday evening from 5-6pm going from 4/17 to 5/22

Course Outline:

- 1. Lesson 1 - Variables and Data Types**
 - Learning how to declare and use variables and use various data types to store information (int, double, char, etc.)
- 2. Lesson 2 - Loops**
 - Learning how to declare, use, and nest loops.
- 3. Lesson 3 - Operators and Conditionals**
 - Learn how to use conditionals (if/if else) and incorporate operators to refine and/or expand these conditionals.
- 4. Lesson 4 - Structures**
 - Learn how to declare structures, use structures, and compare them to classes in Object Oriented Programming languages.
- 5. Lesson 5 - Arrays**
 - Learn how to declare arrays, store values in arrays, and traverse through arrays.
- 6. Lesson 6 - Bringing it all together with one final project**
 - Students will create one final project that incorporates all of the above lessons to solve a problem of their choice.

Contact Us:

info@nexgencoding.com