Lectures and Exams

- Lecture 1: Intro and C Fundamentals  
  August 20

- Lecture 2: Console I/O, Lexical Rules and Datatypes  
  August 25

- Lecture 3: Revision Control and Build Automation  
  August 27

- Lecture 4: Expressions, Operators and Flow of Control  
  September 1

- Lecture 5: Types and Conversion  
  September 3

- Lecture 6: Storage and Scope  
  September 10

- Lecture 7: Arrays  
  September 15

- Lecture 8: Pointers Part 1  
  September 17

- Lecture 9: Functions  
  September 22

- Exam 1  
  Window closing September 25

- Lecture 10: Pointers Part 2  
  September 29

- Lecture 11: String Processing  
  October 1

- Lecture 12: Pointers Part 3  
  October 6

- Lecture 13: Dynamic Memory Allocation  
  October 12

- Lecture 14: Debugging  
  October 13
• Lecture 15 : Structs  
   October 15  
• Lecture 16 : Data Structures Part 1  
   October 20  
• Lecture 17 : Bitwise Operations  
   October 22  
• Lecture 18 : C Standard Library  
   October 27  
• **Exam 2**  
   Window closing October 30  
• Lecture 19 : The Preprocessor  
   November 3  
• Lecture 20 : Data Structures Part 2  
   November 5  
• Lecture 21 : Encryption and Security  
   November 10  
• Lecture 22 : The Rest of C  
   November 12  
• Lecture 23 : Performance and Optimization  
   November 17  
• Lecture 24 : C++ Part 1  
   November 19  
• Lecture 25 : C++ Part 2  
   November 24  
• Lecture 26 : C++ Part 3  
   December 1  
• Lecture 27 : C++ Part 4  
   December 3  
• **Final Exam**  
   Window closing December 11  

**Homework Assignments**  

• Homework 1  
   August 26  
• Homework 2  
   September 9  
• Homework 3  
   September 30
• Homework 4
  October 14

• Homework 5
  November 4

• Homework 6
  December 2