

CSCI 3132 - Object Orientation & Generic Programming - Summer 2019 Schedule

(Please note that the schedule may be subject to minor changes)

| Week | Dates | Lecture Topics | Lab Date | Lab Topics | Important Dates | Action |
|------|-------------------------|---|----------|--|------------------|---|
| 1 | 06-May to 12-May | Intro to the course. Expressing client requirements | 06-May | No Lab | | |
| 2 | 13-May to 19-May | Domain modelling, Use case and Class diagrams | 13-May | C++ Programming Practice | 16-May | Quiz 1 |
| 3 | 20-May to 26-May | Object model. OO Concepts | 20-May | No Lab | | |
| 4 | 27-May to 02-Jun | C++ programming basics, Data types, Pointers review | 27-May | Classes and Objects. Inheritance and Composition. Lab Assignment 1 | 27-May 30-May | Lab Assignment 1 available Quiz 2 |
| 5 | 03-Jun to 09-Jun | Function and Operator overloading | 03-Jun | Pointers. | 04-Jun 09-Jun | Group Project available Lab Assignment 1 due |
| 6 | 10-Jun to 16-Jun | Inheritance and Polymorphism | 10-Jun | Function and Operator overloading. Lab Assignment 2 | 10-Jun 13-Jun | Lab Assignment 2 available Quiz 3 |
| 7 | 17-Jun to 23-Jun | References, Virtual and Pure Virtual functions | 17-Jun | Inheritance, Encapsulation and Polymorphism. | 23-Jun | Lab Assignment 2 due |
| 8 | 24-Jun to 30-Jun | In-class Programming Contest | 24-Jun | Virtual and pure virtual functions. Abstract classes. Lab Assignment 3 | 24-Jun | Lab Assignment 3 available |
| 9 | 01-Jul to 07-Jul | Generic Programming, Templates | 01-Jul | No Lab | 04-Jul 07-Jul | Quiz 4 Lab Assignment 3 due |
| 10 | 08-Jul to 14-Jul | Standard Template Library | 08-Jul | Templates, Exception handling. Lab Assignment 4 | 08-Jul 14-Jul | Lab Assignment 4 available Group Project due |
| 11 | 15-Jul to 21-Jul | Group project presentations | 15-Jul | STL. | 21-Jul | Lab Assignment 4 due |
| 12 | 22-Jul to 28-Jul | Design patterns and Case study | 22-Jul | Presentations (if required) | 25-Jul | Quiz 5 |
| | 31-Jul to 06-Aug | FINAL EXAM PERIOD | | | 31-Jul to 06-Aug | Final Exam |

Holidays

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| 20-May | Victoria day |
| 01-Jul | Canada day |
| 05-Aug | Halifax/Dartmouth Natal day |

Course Related Dates (Refer Academic Calendar for up-to-date info)

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| Last day to change and add classes | 21-May-19 |
| Last day to drop without W | 05-Jun-19 |
| Last day to drop with W | 05-Jul-19 |