|  |  |
| --- | --- |
| PROG2007 | **TENTATIVE WORK PLAN** |
| Programming II |  |

**FACULTY INFORMATION**

|  |  |  |
| --- | --- | --- |
| Name | Paul Drover | **Academic Chair:**  Lawrence Boyd  902-625-7154 |
| Email | paul.drover@nscc.ca |
| Office Telephone | via Teams |
| Campus | Strait Area |
| Office Location | virtual |
| Availability | Mon-Fri 8:30am-3:30pm |

**COURSE INFORMATION**

|  |  |  |
| --- | --- | --- |
| Name | PROG2007 – Programming II | **Sessions:** |
| Location | Virtual session via Teams | Tue: 1:30pm – 3:30pm (701)  Thurs: 1:30pm – 3:30pm (701)  Wed: 8:30am – 10:30am (700)  Fri: 8:30am – 10:30am (700) |
| Hours per week | 4 |
|  |  |

**TEXTBOOK / RESOURCE REQUIREMENTS**

Programming in C, 4th ed., Stephen G. Kochan, ISBN: 9780321776419, 0321776410

**SUPPLIES / ADDITIONAL RESOURCES**

All supplied, material, and equipment required for this course are supplied by the college. This course contains no textbooks. Lectures will be delivered via Power Point presentations/digital text and all presentations and reference material will be supplied to the student via Brightspace.

**ACCREDITATION / EXTERNAL CERTIFICATION**

Not Applicable

**ASSESSMENT AND EVALUATION METHODS**

A variety of informal and formal methods may be used for assessing and evaluating your learning, including but not limited to:

* Assignments
* Labs
* Tests
* Projects
* Presentations
* Peer Assessments
* Self-Assessments

**Evaluation Scheme:**

Assignments: 8 @ 5% each 40%

Tests: 2 @ 15% each 30%

Final Exam 30%

Total 100%

All assignments are practical in nature and are to be submitted via Brightspace. Assessment and feedback will also be via Brightspace.

Tests will be on via Brightspace.

**Late Submissions**

Assessments and evaluations are to be handed in on or before the specified due date. Late submissions may not be accepted after assignments have been corrected and returned to other learners. Should you be unable to complete an evaluation, speak with your faculty prior to the due date about your options.

**Supplemental Evaluations**

Students may be eligible to write supplemental evaluations however, not all courses are eligible for a course supplemental evaluation. Approval to exempt a course from eligibility for supplemental evaluation must be granted by the school Dean and the Director of Enrolment and Registrar. For more information speak with your faculty or Academic Chair.

|  |
| --- |
| TENTATIVE SCHEDULE - Subject to Change |
| Because every learner is different, it is effective to align the pace, workload, and delivery strategy to strengths of the learners. In a creative learning environment, **you should expect some variations** from this tentative work plan as well as a variety of informal assessments throughout the course. |

| Week/Unit | Topics/Description | Relevant Learning Outcome(s) | Value/Evaluation/ Due Dates (if applicable) |
| --- | --- | --- | --- |
| Week 1  Jan 11-15 | Review of Course Outline |  |  |
| Development setup | LO2 |  |
| Week 2  Jan 18-22 | Module 1 – Introduction & Getting Started | LO1, LO2 |  |
| Week 3  Jan 25-29 | Module 2 – Syntax: output, datatypes, variables, conditional, logic | LO1 |  |
| Week 4  Feb 1-5 | Module 2 – Iteration | LO1 |  |
| Module 2 Assignment(s) |  |  |
| Week 5  Feb 8-11 | Module 3 – Functions, parameters, returns | LO1 |  |
| Module 3 Assignment(s) |  |  |
| Week 6  Feb 16-19 | Review |  |  |
| Test 1 |  | 15% |
| Week 7  Feb 22-26 | Module 4 – Memory and pointers | LO3 |  |
| Module 4 Assignment(s) |  |  |
| Week 8  Mar 1-Mar 5 | Module 5 – Dynamic memory allocation and management | LO4 |  |
| Module 5 Assignment(s) |  |  |
| Week 9  Mar 8–12 | Review | LO1, LO2, L03, LO4 |  |
| Test 2 |  | 15% |
| Week 10  Mar 15-19 | Study Week. No classes |  |  |
| Week 11  Mar 22-26 | Module 6 – Structures | LO1, LO4 |  |
| Module 6 Assignment(s) |  |  |
| Week 12  Mar 29-Apr 2 | Module 7 – Libraries | LO5 |  |
| Module 7 Assignment(s) |  |  |
| Week 13  Apr 5-9 | Module 8 – Applications of C: Linked Lists, IoT | L04 |  |
| Week 14  Apr 12-16 | Module 8 Assignment(s) |  |  |
| Week 15  Apr 19-23 | Review | LO1-5 |  |
| Final Exam |  | 30% |

ADDITIONAL INFORMATION

**Inclusion and Integrity of the Learning Environment**

We strive to ensure that equity, inclusion, and social justice is the reality for all students, faculty and staff. We commit to provide a safe and respectful working and learning environment where differences are valued, expected, and honored. Within this environment, students are required to demonstrate the values of respect, academic integrity, and honesty.

To support these goals, we have the following policies:

* Respectful Workplace and Learning Environment
* Student Code of Conduct
* Employee Code of Conduct
* Sexual Violence
* Academic Integrity
* Academic Accommodations
* Educational Equity

For more information, visit [nscc.ca/about\_nscc/policies\_procedures](https://www.nscc.ca/about_nscc/policies_procedures)

**Appealing a Final Grade**

NSCC is committed to a fair, transparent and timely approach to a student’s right to challenge academic decisions and non-academic decisions that affect academic progress and standing.

If you feel your final grade is unreasonable, speak with your Faculty or Academic Chair about your concerns. If the issue is not resolved, you may pursue a formal appeal. Speak with your Student Services Advisor for more information on the [Student Appeals policy](https://www.nscc.ca/docs/about-nscc/policies-procedures/policystudentappeals.pdf), procedures, and your eligibility.

**Copyright**

Copyright compliance is a legal responsibility. All students, staff, and faculty at NSCC are required to abide by the NSCC Use of Copyright Materials Policy, Fair Dealing Guidelines and the *Copyright Act of Canada* when copying materials. This includes art, music, videos, sound recordings, images, printed works (book, journals, newspapers, etc.) and materials on the Internet. Refer to the NSCC Policies and Procedures webpage to review the [Use of Copyright Materials Policy](https://www.nscc.ca/docs/about-nscc/policies-procedures/policyuseofcopyright.pdf) and [Fair Dealing Guidelines](https://www.nscc.ca/docs/about-nscc/policies-procedures/fair-dealing-guidelines.pdf). Check with your Campus Library if you have questions or visit our [Copyright Guide](http://subjectguides.nscc.ca/copyright).

**Preparing for Learning**

Your success in this course stems largely from your level of engagement and willingness to learn. Preparation, attendance, and participation are key factors in learning. If you feel overwhelmed, lost, or disengaged, speak with your faculty, Academic Chair, or Student Services Advisor about how we can help.

**Student Supports**

Student Services provides you with a wide range of supports. For more information, visit [nscc.ca/services](http://www.nscc.ca/services).

For support with Brightspace contact the Technology Service Desk by visiting [servicedesk.nscc.ca](https://servicedesk.nscc.ca). Click *Create a Request* (Select “Brightspace (D2L)”, then "Brightspace (D2L) Student Support”). Or, by phone, dial 902 491-6774 (press 4), or Toll-free:1 877 491-6774 (press 4). For self-directed, how-to resources to aid in using Brightspace, visit the [Brightspace (D2L) Toolkit](https://d2ltoolkit.nscc.ca/).

**Key Links**

College Regulations: [nscc.ca/Admissions/college\_regulations.asp](http://www.nscc.ca/Admissions/college_regulations.asp)

NSCC Policies and Procedures: [nscc.ca/about\_nscc/policies\_procedures](https://nscc.ca/about_nscc/policies_procedures)

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| Signature: Faculty |  |  | Signature: Academic Chair, Manager Alternate Delivery, or Dean’s Designate |
| Paul Drover |  |  | Lawrence Boyd |
| Name of Faculty Member |  |  | Name of Academic Chair, Manager Alternate Delivery, or Dean’s Designate |
| 01/11/2021 |  |  |  |
| Date |  |  | Date |