

PROG 2056

TENTATIVE WORK PLAN

Introduction to Programming for Geomatics

FACULTY INFORMATION

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Campus	Annapolis Valley Campus – Centre for Geographic Sciences (COGS)	Monica.Lloyd@nsc.ca
Office Location	120-B	Administrative Assistant:
Availability	By Appointment	Angie Pulicover
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TEXTBOOK / RESOURCE REQUIREMENTS

None

SUPPLIES / ADDITIONAL RESOURCES

None

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
- In-class exercises
- Tests
- Self-Assessments

Evaluation Scheme:

Assignments: 2 @15%	30%
2 @ 20% each	40%
Tests: 2 @ 15% each	30%
Total	100%

Feedback and grades will be made available in student Brightspace accounts. All tests and assignments projects are required to be completed and submitted to an acceptable level to meet all course outcomes.

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. **For late submissions, a penalty of 10% of the total submission's value will be deducted for each day late.** Should you be unable to complete an evaluation, **speak with your faculty 24 hours 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

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 6 – 10	Course Introduction Software Discussion/Installation Introduction to Geodesy Study QGIS and Spatial Data used in Map Projects	1	
Week 2 Jan 13 – 17	Learn about spatial data types. Create a map layout to highlight specific themes.	1	
Week 3 Jan 20 – 24	Explore basic spatial data editing and analysis.	1	
Week 4 Jan 27 – 31	Jan 27th and 28th – COGS Industry Expo – No Classes Explore the Spatial Database Object using PostGIS	1,2	Assignment #1 (20%)
Week 5 Feb 3 – Feb 7	Explore the Spatial Database Object using PostGIS	1,2	
Week 6 Feb 10 – 14	Explore the Spatial Database Object using PostGIS	1,2	
Week 7 Feb 17 – 21	Feb 17th – NS Heritage Day – College Closed Test # 1	1,2	Test#1 (15%)
Week 8 Feb 24 – 28	Feb 26th – Assessment & Evaluation Day – No Classes HTML/CSS/JavaScript review Web Mapping API – Open Source	1,3	Assignment #2 (15%)
Week 9 Mar 3 – Mar 7	Web Mapping API – Open Source	1,3	
Week 10 Mar 10 – 14	Study Week – No Classes		
Week 11 Mar 17 – 21	Develop a Web Mapping Application	1,3,4	Assignment #3 (15%)
Week 12 Mar 24 – 28	Develop a Web Mapping Application	1,3,4	
Week 13 Mar 31 – Apr 4	Develop a Web Mapping Application	1,3,4	
Week 14 Apr 7 – 11	Develop a Web Mapping Application Course Wrap Up	1,3,4	Assignment #4 (20%)
Week 15 Apr 14 – 16	Test #2	1,3,4	Test#1 (15%)

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 Community
- Student Community Standards
- Employee Code of Conduct
- Sexual Violence
- Academic Integrity
- Academic Accommodations
- Educational Equity

For more information visit [Policy and 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](#), 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. Check with your Campus Library if you have questions or visit our [Copyright Guide](#).

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

Visit the [Student Supports Hub](#) to access accessibility, advising, career, financial aid, library, learning and wellness supports.

For support with Brightspace visit [Service Desk](#) and select Technology Services and then View Services. Click **Create a Request** (Select "Brightspace", then "Brightspace Student Support"). Or, by phone, dial 902 491-4357, or Toll-free: 1 866 898 4357. For self-directed, how-to resources to aid in using Brightspace, visit the [Brightspace Toolkit](#).

Take care of yourself

As a student, you may experience a range of challenges that can interfere with learning, such as strained relationships, increased anxiety, substance use, feeling down, difficulty concentrating or lack of motivation. This may impact your daily activities and impact your academic performance.

We are here to support you.

To talk to a counsellor and explore other supports: [Wellness and counselling](#)

For online supports and our 24/7 student helpline: [HealthymindsNS](#)


Your wellbeing is a priority – review our [Mental Wellness Strategy](#)

Workplan Approval


Signature: Faculty

Darren MacKinnon
Name of Faculty Member

December 20, 2024
Date


Signature: Academic Chair

Monica Lloyd
Name of Academic Chair

2025-01-02
Date