GIS Post Graduate Programs 2022-2023 Orientation
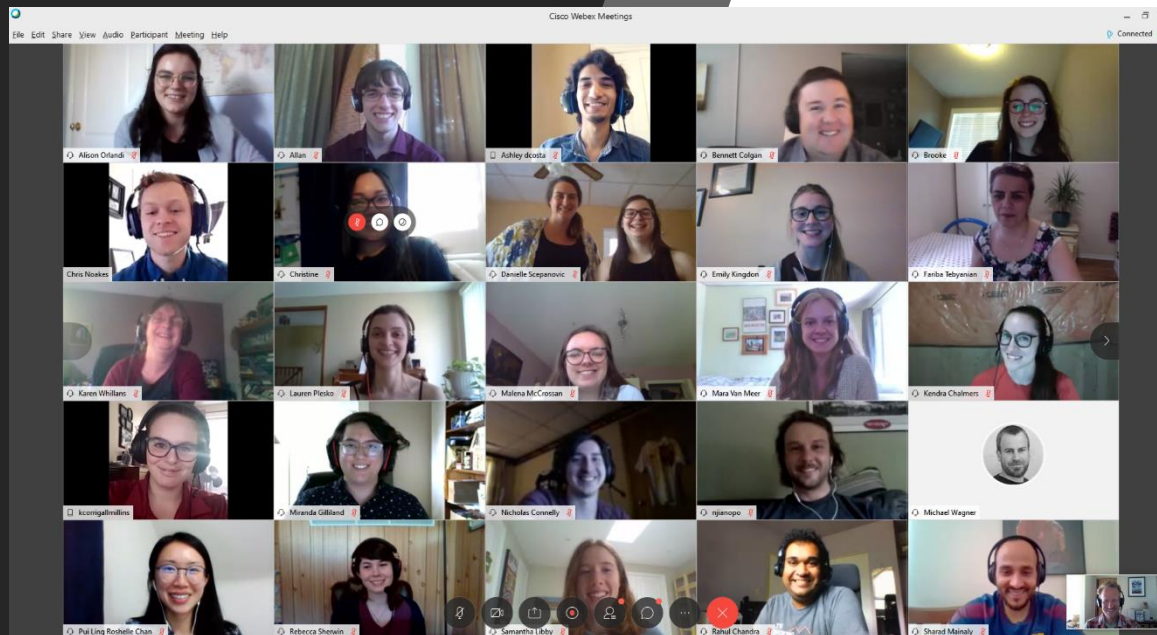
Agenda

- The GIS Team
- The Program Courses and Schedule
- Communications and Fleming Services
- Program Testing and Responsibilities
- Collaborative Projects
- FAQ
- Final Thoughts and Date Summary

The Academic Team

Technologists

- Kevin Rabjohn

Administration

- Tania Cleric
  - Dean, SENRS
- Jake Sandison
  - Academic Chair
- Shawn Morgan
  - Program Coordinator

Fall Professors

- Kendra Chalmers
- Frank Kenny[1]
- Karen Whillans
- Marikka Williams
- Shawn Morgan

1: Denotes contract faculty

1st Semester:
Common between all programs

- GIS Database Principles
- Remote Sensing and Image Analysis
- Problem Solving and Programming
- Web Design And Programming
- Geovisualization I
- Spatial Analysis I
- Geodesy (back 7 weeks)
- Surveying and CAD Mapping (front 7 weeks)
- Survey Camp (Week 9)

2nd Semester courses:
4 common courses

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GIS Applications Specialist

- GIS Cooperative Project Planning And Management
- Advanced Remote Sensing
- Web GIS Development
- Environmental Modeling
- GIS Database Development
- Customization of GIS Applications
- Spatial Analysis II

GIS Cartographic Specialist

- GIS Cooperative Project Planning And Management
- Advanced Remote Sensing
- Web GIS Development
- Environmental Modeling
- Geovisualization II
- Web Communication
- Municipal GIS

PS: You can switch programs in the fall (by November)!

3rd Semester (2.5):
(2 months)

Everyone (~4 days per week):

- GIS Collaborative Project

GIS Applications Specialist (1 day):

- GIS Data Management

GIS Cartographic Specialist (1 day):

- Geovisualization III

GIS Open House 2014

Communications

- **College** *http://Mycampus.flemingcollege.ca*
  - Schedule, Official messages from College (like school closures)
  - Use Microsoft Onedrive for your files (H drive on fleming's systems)
- **Program** *https://department.flemingcollege.ca/program-gis*
  - General information about being in the program (Awards!)
- **Course** *Brightspace (Desire2Learn)* *http://fleming.desire2learn.com*
  - Official course pages which instructors' monitor
  - *Dropbox* for most submissions
  - *Quizzes* for Tests, Exams and Quizzes
  - *Marks* for tracking your progress
- **Course Outline**
  - The official course plan, requirements and breakdown of marks
  - If any other communication differs, this document takes priority
  - Important to read and keep a copy for future reference
- **Virtual** *Microsoft Teams*
  - Online and In-person can instant message
  - Requires a microphone to "call" and webcam to "video call"
- **Email** *first.last@flemingcollege.ca*
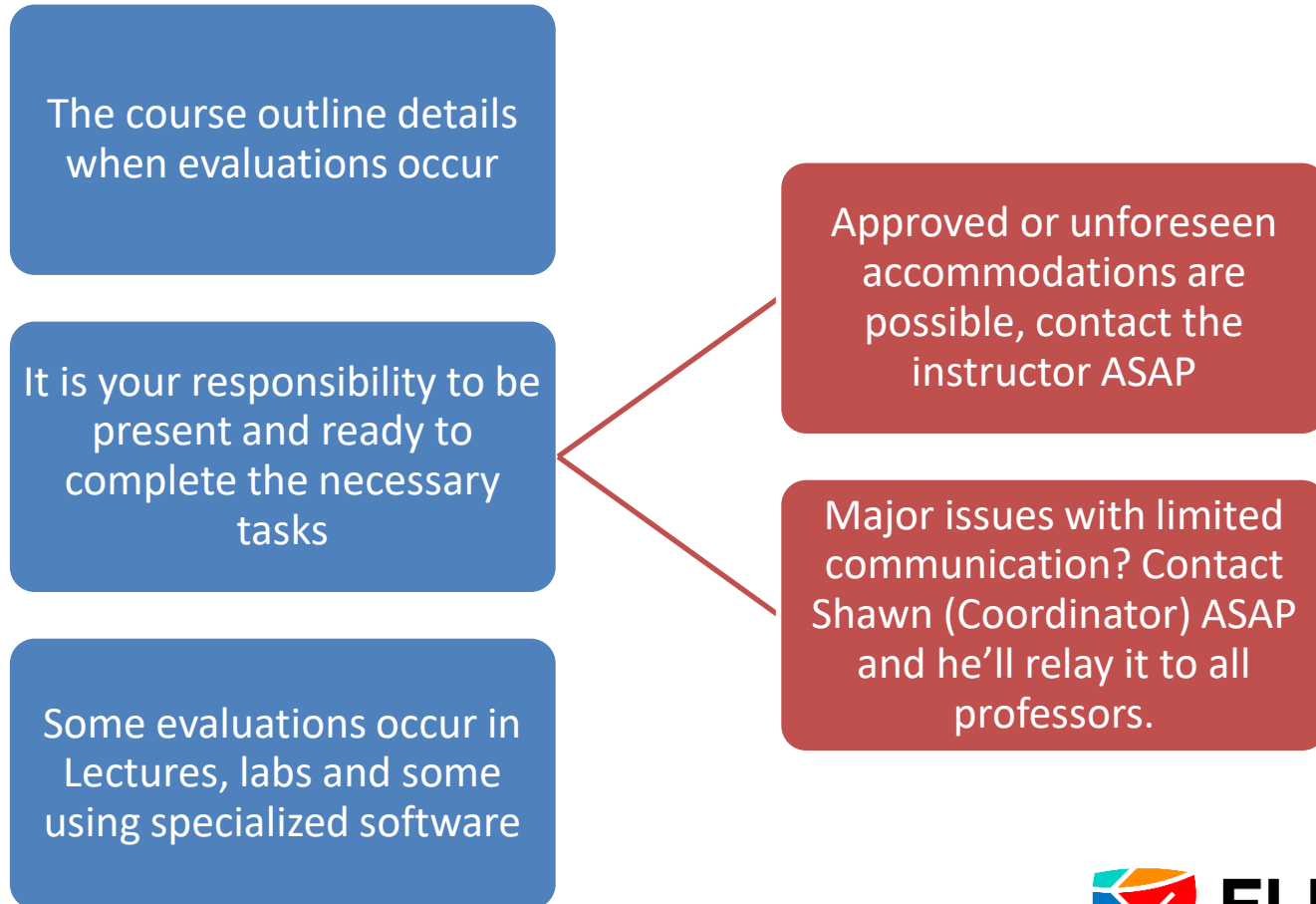 - Students must use their official Fleming email address

Computers

- VDI (Online students) virtual lab is shared
  - Please log off and not disconnect from your session, otherwise the "seat" is unavailable for someone else
  - Use the H: to store your files, since the C: will be cleared when you log off
  - Ideally use your own computer and not the VDI.
  - If you have personal or VDI computer problems let your instructor know, as well let Kevin know and we may be able to try to help.
    - NOTE: You are responsible for your own computer hardware and software, but we're happy to try and help.

Exams, Tests and Quizzes

The course outline details when evaluations occur

It is your responsibility to be present and ready to complete the necessary tasks

Some evaluations occur in Lectures, labs and some using specialized software

Approved or unforeseen accommodations are possible, contact the instructor ASAP

Major issues with limited communication? Contact Shawn (Coordinator) ASAP and he'll relay it to all professors.

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Invigilation Options

- In-class/schedule, invigilation by the instructor or appointed person.

- Online students go to an approved testing facility near them (in Canada only). Students pay out of pocket for these services.

- LockDown Browser is a separate browser that locks your computer during an evaluation. It is a separate download and independent browser.

- Respondus Monitor is a webcam feature for LockDown Browser that records students during an evaluation.

Your Responsibility at Fleming

- Student Rights and Responsibilities
  - https://department.flemingcollege.ca/srr/
  - Respect students, faculty, staff, and the facility
- https://flemingcollege.ca/PDF/Fleming-College-Academic-Regulations.pdf
  - Copying a file, code, paragraph, or any other works of another student is considered plagiarism.
  - Getting HELP from another student (where it is not explicitly prohibited by the task) is okay. Never submit another's **WORK OR IDEAS** as your own.
  - Always document and communicate peer help in your submissions

What is generally encouraged

HELPING EACH OTHER THROUGH TECHNICAL CHALLENGES

DISCUSSING CLASS LECTURES AND LABS FOR DEEPER UNDERSTANDING

COMPARING FINAL RESULTS AND DISCUSSING DIFFERENCES

SHARING UNMODIFIED DOWNLOADED DOCUMENTS/DATA FROM D2L ETC

*** THESE ARE JUST EXAMPLES. ALWAYS CONSULT WITH YOUR INSTRUCTOR FOR CLARIFICATION***

https://fleming.libguides.com/friendly.php?s=citations

Not Permitted

Working together on an individual task	Individually doing the work for a group	Copying or sharing analysis files and code
Providing any analysed data to others'	Using the internet or communicating with anyone during any evaluation	Communicating the questions or answers to evaluations to those in later lab sections

*** These are just examples. Always consult with your instructor for clarification ***

Violating academic integrity may result in your expulsion from the program.

Survey Camp

- October 31st to November 4, 2022
  - Academic Week 9
  - Normal schedule for classes "paused"
- All events either online or at Frost Campus
- Course Code APST87 (or APST142)
- Prepare to be available 8am through (most days) 4pm Monday through Friday

GIS Collaborative Project

Said to be the best part of GIS Specialist programs

Timeline:

- Winter (January to April) semester
  - students choose projects and write project proposals in teams of 3.
- May and June semester
  - Collaborative projects are completed (full time!)
- Supplied by GIS industry, municipality and government clients
- Further develop and apply GIS knowledge while encouraging independent learning, time management skills and the importance of teamwork.

http://geocommunity.net

FAQ

- Can I work while taking the full-time program?
  - Past students recommend against this, at least for the first semester. Students have said Part-time jobs with very flexible schedules can work.
- I can work in May and June?
  - With only two courses, it might seem so. Your collaborative project requires your attention for 4 of 5 days per week. Students taking employment during this time often fail
- Independent Learning Week??
  - This time is a normally scheduled week with classes not being held. It is time to continue working on assignments and preparing for the back-half of the semester.
- Who do I appeal my marks to?
  - After the final grade has been set there is a formal appeal process which requires you to first submit to your instructor then you may formally appeal your final grade.
- What Scholarships and Awards are available?
  - See our department website https://department.flemingcollege.ca/program-gis/awards/

Getting Help

- On Campus
  - All students can use computers at Frost campus (Lindsay) or Peterborough Campus (note that no Esri software is available!)
- The student experience portal has links to everything you need virtually: https://flemingcollege.ca/student-experience
- Personal Counselling
  - This program is intense. PLEASE take care of yourself, mind and body. If you need to talk with someone to help manage stress, contact https://department.flemingcollege.ca/counselling/
- Tutoring
  - Please use this valuable service by booking times with the tutor, who often is a past-graduate of the program. https://flemingcollege.ca/student-experience/tutoring-and-academic-skills

$$$ Want to be a peer tutor for this or other programs?
Contact melanie.frain@flemingcollege.ca

Final Thoughts

- The GIS Program is as much about the content as it is the people around you. Get to know them and be supportive, help and listen.

- Plan your "workday" and include breaks, fun and healthy eating.

- Got a question? ASK! Your instructor, a tech, fellow classmate! We want you to succeed.

- I'm available to help navigate this all too... just ask, no worries.
  Shawn.morgan@flemingcollege.ca

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Questions?

Program Specific Dates:

Date	Description
October 10th	Thanksgiving Monday (classes rescheduled or recorded)
October 24 – 28	Week 8 Beginning of Independent Learning Week (no classes)
Oct 31-Nov 4	Survey camp week – required "attendance"
Feb 29th, 2023	Just checking that you are reading this
June 23rd, 2023	GIS Virtual Open House – Team Attendance required!

More Dates: https://flemingcollege.ca/admissions/academic-schedule

https://department.flemingcollege.ca/program-gis/

http://geocommunity.net/

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