



Introduction to Media Computation

Course Information

Course Number: APCO 1P00
Term/Year/Duration: 2024 Fall D2
Course Title: Introduction to Media Computation

Instructor Information

Instructor Name: Alexander Bailey
Email: abailey@brocku.ca
Office Locations: N/A
Teaching Assistants: Maka (Xuehan) Hu,
Md. Sirajum Munir Prince,
Audri Banik

Times and Locations

Lecture	STH 202	Wednesday	19:00 – 22:00
Lab 1	MCJ 310	Tuesday	12:00 – 14:00
Lab 2	MCJ 310	Wednesday	16:00 – 18:00
Lab 3	MCJ 310	Wednesday	10:00 – 12:00
Lab 4	MCJ 310	Thursday	14:00 – 16:00
Lab 5	MCJ 310	Thursday	10:00 – 12:00
Tutorial	STH 202	Wednesday	18:00 – 19:00

Course Calendar Description

Programming by example, designing and debugging of programs, encoding and manipulation of text and graphics, file processing, simple HTML and automatic generation, and manipulating and parsing of web pages.

Additional Description

Programming concepts in this course will be explored through the programming language Python. Python is a popular and widely used general purpose programming language.

Learning Outcomes:

- Develop a foundation in problem solving, and programming (in Python.)
- Learn how to manipulate text, turtles, pictures.
- Learn how to do some basic web page manipulation.

Required Readings or Texts

This course will use an interactive, online textbook through zyBooks.

APCO 1P00/IASC 1P00: Introduction to Media Computation

1. Sign in or create an account at learn.zybooks.com
2. Enter zyBook code: **BROCKUAPCO1P00_IASC1P00BaileyFall2024**
3. Click Subscribe. You **MUST** subscribe using your brocku.ca email address, and your 7-digit Brock student number, otherwise participation marks cannot be allocated

As your subscription expires after the semester ends, you may choose to print any part of the text. You can print an entire chapter at a time

Course Communications

Course announcements and other communication will be coordinated via Brightspace.

Assessment Components and Due Dates

Course Evaluation

Assignments (4)	20%	You must submit at least 3 to pass this course.
ZyBooks participation	10%	10%. Prorated. E.g., 40% of completed exercises will receive 4%.
Labs	10%	
Midterm	20%	
Final	40%	A minimum of 40% is required to pass the course.

Assessment Component Schedule (tentative)

Assessment Component	Grade Weight	Due Date
Assignment 1	5%	25 Sept
Assignment 2	5%	09 Oct
Assignment 3	5%	23 Oct
Assignment 4	5%	06 Nov

Late Submission Policy

The penalties for late submission of assigned coursework are 10% per day to a maximum of 2 days late, unless accompanied by medical documentation. See Medical Exemption Policy and the medical health certificate at the [Registrar's Website \(Forms\)](#).

Important dates

The most recent listing of Important Dates for all durations is at <https://brocku.ca/important-dates/all/>

First day of classes: 4 September

Last day of lectures: 3 December

Last day of exams: 19 December

Deadline for withdrawal without academic penalty: 5 November

Relationship between attendance and grades:

Attendance is for your benefit. There is no strict attendance policy for this course. Participation marks will be awarded via participation exercises in zyBooks.

Academic Policies

Academic Integrity

Statement for undergraduate courses

Academic misconduct is a serious offence. The principle of academic integrity, particularly of doing one's own work, documenting properly (including use of quotation marks, appropriate paraphrasing and referencing/citation), collaborating appropriately, and avoiding misrepresentation, is a core principle in university study. Students should consult Section VII, "Academic Misconduct", in the "Academic Regulations and University Policies" entry in the [Undergraduate Calendar](#) to view a fuller description of prohibited actions, and the procedures and penalties. Information on what constitutes academic integrity is available at [Brock University Academic Integrity Website](#).

Plagiarism software:

Similarity of submitted computer code will be automatically compared against other student submissions. How this is done may depend on the submission mechanism. E.g., zyBooks does this automatically.

Penalties for Academic Misconduct in the Faculty of Mathematics and Science

The following are standard penalties imposed in academic misconduct cases in FMS. Please be aware that the Associate Dean, Undergraduate Programs, may assign different penalties than those listed here, depending on the details of individual cases. ***Requests for special academic consideration, such as exceptions to academic regulations, will not be considered while academic integrity cases are ongoing.***

Penalties for misconduct in course work, including mid-term tests

First offence: Zero grade on assignment, additional penalty of 100% of the weight of the assignment to be subtracted from the final grade, mandatory completion of the AZLS Academic Integrity workshop

Second offence: Zero grade on assignment, 4-month suspension

Third offence: Zero grade in course, 1-year suspension, permanent removal from major program.

Fourth offence: Permanent suspension / debarment.

Penalties for misconduct in final exams:

First offence: Zero grade in course

Second offence: Zero grade in course, 4-month suspension

Third: Zero grade in course, 1-year suspension, permanent removal from major program,

Fourth offence: Permanent suspension / debarment.

Intellectual Property Notice

All slides, presentations, handouts, tests, exams, and other course materials created by the instructor in this course are the intellectual property of the instructor. A student who publicly posts or sells an instructor's work, without the instructor's express consent, may be charged with misconduct under Brock's Academic Integrity Policy and/or Code of Conduct, and may also face adverse legal consequences for infringement of intellectual property rights.

Accommodations

The University is committed to fostering an inclusive and supportive environment for all students and will adhere to the Human Rights principles that ensure respect for dignity, individualized accommodation, inclusion and full participation. The University provides a wide range of resources to assist students, as follows:

- a) If you require academic accommodation because of a disability or an ongoing health or mental health condition, please contact Student Accessibility Services at askSAS@brocku.ca or 905 688 5550 ext. 3240.

- b) **Medical Self-Declaration Forms (brief absence up to 72 hours)**

In the case of a short-term medical circumstance, if a student wishes to seek an academic consideration, please use the [Medical Self-Declaration Form](#). The request is to be made in good faith by the student requesting the academic consideration due to a short-term condition that impacts their academic activities (e.g., participation in academic classes, delay in assignments, etc.).

The period of this short-term medical condition for academic consideration must fall within a 72-hour (3 day) period. The form must be submitted to the instructor either during your brief absence or if you are too unwell, within 24 hours of the end of your 3 day brief absence.

Medical Verification Form (extended duration)

In cases where a student requests academic consideration due to a medical circumstance that exceeds 72 hours (three days) and will impact their

academic activities (e.g., participation in academic classes, delay in assignments, etc.), or in the case of a final exam deferral, the [medical verification form](#) must be signed by the student and the health professional as per process set out in the [Faculty Handbook III:9.4.1](#).

If you are experiencing mental health concerns, contact the Student Wellness and Accessibility Centre. *Good2Talk* is a service specifically for post-secondary students, available 24/7, 365 days a year, and provides anonymous assistance: [Good 2 Talk](#) or call **1-866-925-5454**. For information on wellness, coping and resiliency, visit: [Brock University \(Mental Health\)](#)

If you require academic accommodation on religious grounds, you should make a formal, written request to your instructor(s) for alternative dates and/or means of satisfying requirements. Such requests should be made during the first two weeks of any given academic term, or as soon as possible after a need for accommodation is known to exist.

If you have been affected by sexual violence, the Human Rights & Equity Office offers support, information, reasonable accommodations, and resources through the Sexual Violence Support & Education Coordinator. For information on sexual violence, visit [Brock's Sexual Assault and Harassment Policy](#) or contact the Sexual Violence Support & Response Coordinator at humanrights@brocku.ca or 905 688 5550 ext. 4387.

If you have experienced discrimination or harassment on any of the above grounds, including racial, gender or other forms of discrimination, contact the Human Rights and Equity Office at humanrights@brocku.ca.