



THE UNIVERSITY OF WINNIPEG

APPLIED COMPUTER SCIENCE

Course Number: ACS-1903-001, 070L

Course Name: Programming I

1 Instructor Information

Instructor:	Jeanette Bautista		
E-mail:	je.bautista@uwinnipeg.ca		
Faculty Website:	http://faculty.acs.uwinnipeg.ca/jbautista/		
Office Hours:	Mon/Wed	5:00 – 7:30 pm	Office: 3C08B
Course Website:	http://courses.acs.uwinnipeg.ca/1903-001/		
Class Meeting Time:	Mon/Wed	5:00 – 7:30 pm	Room No: 3D04
Lab Time:	Tuesday	5:00 – 7:30 pm	Room No: 3D03

2 Important Dates

1. First class: Wednesday, May 2, 2018
- there will be a short lab during the second half of class
2. First lab session: See #4 above (no lab scheduled on May 1)
3. Victoria Day: Monday, May 21, 2018 (no class)
4. Midterm exam: Wednesday, May 23 2018
5. Last class: Tuesday, June 12, 2018 (make-up class for Victoria day)
6. Final exam: Thursday, June 13, 2018, 6:00 – 9:00 pm
7. Final withdrawal date (without academic penalty): Thursday, May 31, 2018.
A minimum of 20% of the work on which the final grade is based will be evaluated and available to the student before this date.

3 Course Objectives/Learning Outcomes

This course introduces fundamental programming concepts using the Java programming language. Topics to be covered include primitive data types and their manipulation, control structures, classes, objects, methods, and ArrayLists.

4 Evaluation Criteria

1. Labs (10%)
 - 10 labs (1-2 per week), evenly weighted
 - No late lab submissions accepted
2. Assignments (15%)
 - 3 assignments, evenly weighted
 - Assignments will be accepted up to 1 day late with a 25% penalty
 - Students are responsible for backing up and protecting their work
3. Midterm Exam (25%)
 - During the first half of the regular class time on May 23
 - See #4 below
4. Final Exam (50%)
 - Should illness prevent participation in a test or examination, a medical certificate from a certified physician must be supplied before any adjustments are considered.

Students should contact the instructor as soon as possible if extenuating circumstances require missing an assignment, test or examination.

5 Final Letter Grade Assignment

Historically, numerical percentages have been converted to letter grades using the following scale. However, instructors can deviate from these values based on pedagogical nuances of a particular class, and final grades are subject to approval by the Department Review Committee.

A+	90 – 100%	C+	65 – 69%
A	85 – 89 %	C	60 – 64%
A-	80 – 84%	D	50 – 59%
B+	75 – 79%	F	below 50%
B	70 – 74%		

6 Exam Requirements

- Photo ID is required for the final exam.
- The use of computers, calculators, phones, or other electronic devices is not permitted on exams.
- Midterm and final exams are closed book.
- Unless a medical certificate is provided, no accommodation is made for missed exams.

9 Required Textbook / Reading List

- Ron McFadyen, *Java with BlueJ Part 1, Version 3.0*, University of Winnipeg, 2017. Available at www.acs.uwinnipeg.ca/rmcfadyen/CreativeCommons
- Class Notes will be available at <http://courses.acs.uwinnipeg.ca/1903-001/>

10 Prerequisite Information

- Pre-Calculus Mathematics 40S or Applied Mathematics 40S or a grade of at least C in ACS-1805.

11 List of Topics to be covered (tentative)

- Introduction to Java/BlueJ
- Basics
 - datatypes, variables, expressions, etc.
- Control structures
 - conditional, iterative
- Java class libraries
 - Random, Character, Math, Integer, Scanner
- Lists
- Methods
- Classes
 - objects, constructors, fields, methods
- Graphical User Interfaces (time permitting)

7 Services for Students

Students with documented disabilities, temporary or chronic medical conditions, requiring academic accommodations for tests/exams (e.g., private space) or during lectures/laboratories (e.g., notetakers) are encouraged to contact Accessibility Services (AS) at 786-9771 or accessibilityservices@uwinnipeg.ca to discuss appropriate options. All information about a student's disability or medical condition remains confidential <http://www.uwinnipeg.ca/accessibility>.

Students may choose not to attend classes or write examinations on holy days of their religion, but they must notify their instructors at least two weeks in advance. Instructors will then provide opportunity for students to make up work examinations without penalty. A list of religious holidays can be found in the 2017-18 Undergraduate Academic Calendar.

All students, faculty and staff have the right to participate, learn, and work in an environment that is free of harassment and discrimination. The UW Respectful Working and Learning Environment Policy may be found online at www.uwinnipeg.ca/respect .

8 Misuse of Computer Facilities, Plagiarism, and Cheating

Academic dishonesty is a very serious offense and will be dealt with in accordance with the University's policies. Be sure that you have read and understood Regulations & Policies #8, in the 2017-2018 UW Undergraduate Academic Calendar available at <http://uwinnipeg.ca/academics/calendar/docs/regulationsandpolicies.pdf>.

Additional information is available at University of Winnipeg library video tutorial "Avoiding Plagiarism" <https://www.youtube.com/watch?v=UvFdxRU9a8g>

Avoiding Academic Misconduct. Uploading essays and other assignments to essay vendor or trader sites (filesharing sites that are known providers of essays for use by others who submit them to instructors as their own work) involves "aiding and abetting" plagiarism. Students who do this can be charged with Academic Misconduct.

Avoiding Copyright Violation. Course materials are owned by the instructor who developed them. Examples of such materials are course outlines, assignment descriptions, lecture notes, test questions, and presentation slides. Students who upload these materials to filesharing sites, or in any other way share these materials with others outside the class without prior permission of the instructor/presenter, are in violation of copyright law and University policy. Students must also seek prior permission of the instructor /presenter before photographing or recording slides, presentations, lectures, and notes on the board.

12 Additional Course Related Information

1. When it is necessary to cancel a class due to exceptional circumstances, instructors will make every effort to inform you via uwinnipeg email, as well as the departmental assistant and Chair/Dean so that class cancellation forms can be posted outside classrooms.
2. Your uwinnipeg email address will normally be used for course related correspondence.
3. Please note that withdrawing before the VW date does not necessarily result in a fee
4. Class make-up days are scheduled at the end of term for courses that conflict with holidays: June 12 for classes normally held on May 21 when the University is closed for Victoria Day