

CSC 3020 – Java Programming Course Information – Winter 2018

Course

CSC 3020, Section 1, 3 credits, CRN 24286

Schedule

- 28 sessions
- Mondays and Wednesdays, 10:30am–12:10pm (11:30am-12:10pm will be optional lab time), State Hall 131
- January 8 – April 23 (except January 15, March 12, and March 14)
- Final exam is April 25, 10:15am–12:15pm

Instructor

- Dan Ouellette
- E-mail: fx9807@wayne.edu (include “CSC 3020” in the e-mail subject)
- Office: 5057 Woodward Ave, Suite 14200.3
- Office hours:
 - Office hours – Tuesdays and Thursdays, 10am–11am
 - Or by appointment via e-mail
 - Location – Kresge Library, first floor



Grader

- Shweta Porwal
- E-mail: gl0824@wayne.edu (include “CSC 3020” in the e-mail subject)

Description

- This course is an introduction to the fundamentals of programming using Java. Topics include object-oriented programming, classes, constructors, flow control

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statements, data types, methods, inheritance, data hiding, abstraction, exceptions, file I/O, Java GUI, and Java packages.

- Prerequisites: CSC 1100 and CSC 1101, each with grade of C or better, and MAT 1800 with grade of C- or better.

Learning goals

#	CSC 3020 course learning goals
1	Understand the fundamentals of object-oriented programming in Java.
2	Have the ability to write a Java program to solve problems.
3	Be able to use the Java SDK environment to create, debug and run Java programs.
4	Understand the fundamentals of software development.

Reference, software, and hardware

Optional reference

- Java How to Program, Early Objects
 - ✓ Edition: tenth or eleventh
 - ✓ Authors: Paul Deitel, Harvey Deitel
- Textbook PowerPoint slides are available in document **Textbook slides** on Blackboard.
- Textbook code samples are available in document **Textbook code samples** on Blackboard.

Required software

- One of the following free Java development tools.
- Eclipse will be used during lectures.

Product	Notes	Web site
BlueJ	<ul style="list-style-type: none"> ● For Windows, Mac, or Linux. ● Free download. 	bluej.org
Eclipse	<ul style="list-style-type: none"> ● For Windows, Mac, or Linux. ● Free download. 	www.eclipse.org
IntelliJ IDEA	<ul style="list-style-type: none"> ● For Windows, Mac, or Linux. ● Free during trial period. 	www.jetbrains.com/idea
NetBeans	<ul style="list-style-type: none"> ● For Windows, Mac, or Linux. ● Free download. 	netbeans.org

Required hardware

- A storage medium for files including:
 - ✓ Course files from me.
 - ✓ Your homework files.

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- The storage medium may be:
 - ✓ Your personal computer.
 - ✓ A Microsoft OneDrive account.
 - ✓ A Dropbox account.
 - ✓ A Google Drive account.
 - ✓ Thumb drive.

Blackboard

- Blackboard will be used to:
 - ✓ Make course files available to you.
 - ✓ Receive homework files from you.
- Blackboard login is available at blackboard.wayne.edu.
- The login requires an access ID (six-character code) and password.

Grading

- Homeworks and exams make up your final grade:

Type	Count	Points Per	Points total	Percent
Homework	6	25	150	60%
Midterm exam	1	50	50	20%
Final exam	1	50	50	20%
Total			250	100%

Homeworks

- There will be six homework assignments.
 - Each one is worth up to 25 points.
 - During class, we will discuss assignment material **only after** lecture material is completed.
 - Homework files are Microsoft Word documents available on Blackboard.
 - Completed homework files will be submitted via Blackboard. Unless otherwise noted, this will involve submitting the following files with your name somewhere in the file names:
 - ✓ One Microsoft Word document.
 - ✓ One or more .java files.
 - **On-time homework:** a homework is on-time if it is submitted via Blackboard by **10am** on the day it is due.
 - **Late homework:** a homework is late if it is submitted via Blackboard between:
 - ✓ 10am on the day it is due, and
 - ✓ Two days later at 11:59pm.
- A late homework will be marked down 20%.

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- **Too-late homework:** a homework will not be accepted after the late homework period.
- Homework applications will be graded in the following areas:

Area	Percent possible
Interface accuracy	30%
Operational accuracy	30%
Code readability	30%
Administrative	10%
Total	100%

- If your homework has corrections, they will be noted on or in your submitted file, and the file will be viewable to you where you submitted it on Blackboard.
- Homework keys will be reviewed the first class session following the late deadline.

Quizzes

- There will be four extra-credit pop quizzes.
- Each one is worth up to four points. Simply taking the quiz earns one point.
- Quizzes are closed-book and completed on paper.
- Completed quizzes will be returned and quiz keys will be reviewed the first class session following the quiz.
- Any unreturned quizzes after that session will be discarded.

Exams

- There will be two exams taken in class on paper.
- Each one is worth up to 50 points.
- Both exams are closed-book. You may use one side of one 8.5"x11" sheet of paper for notes. **No one can help you during the exam – not me and not your neighbor.**
- All cellular telephones and similar electronic devices must be put away during exams.
- If a student is unable to take an exam on the scheduled exam day, an alternate scheduling of the exam must be arranged **before** that exam takes place.
- Completed midterm exams will be returned and the exam key will be reviewed during a following class session.
- Any unreturned exams after that session will be discarded.
- Completed final exams will **not** be returned.

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Extra credit

There are three ways to earn extra credit. The following points may be added to those earned from homeworks and exams.

- 1) For completing **pop quizzes**. This will earn up to four points per quiz.
- 2) For presenting an **exam topic** during a review session. There is a review session before each exam. Each student will cover one topic from the course material for three minutes. I will assign one topic to each student. You may use a handout, PowerPoint, and/or the whiteboard to present your topic. This will earn up to ten points. You may do this once per semester.
- 3) As indicated on exams. This will earn up to 4 points on each exam.

Maximum extra credit is 34 points (13.6% of total points).

Grading scale

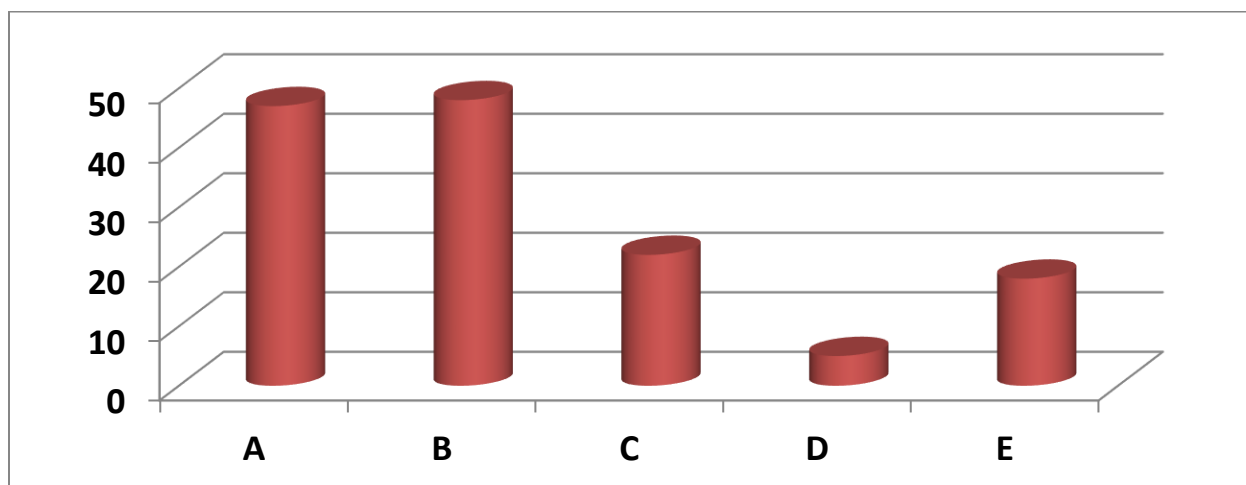
The percentage of points earned on homeworks, applications, and exams determines the final course grade.

93% and above	A
90-92%	A-
87-89%	B+
83-86%	B
80-82%	B-
77-79%	C+
73-76%	C
70-72%	C-
67-69%	D+
63-66%	D
60-62%	D-
59% and below	E

Grading history

- Here is the CSC 3020 grading history from the following previous semesters: Spring 2016, Fall 2016, Winter 2017, and Spring 2017.

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Current grade

- Since your grade percentage on Blackboard does not include extra credit from the quizzes or exam reviews, it reflects your current minimum grade.
- You can always ask me your current grade.

Protocol within class

- Turn off, or place on vibrate, your cell phone.
- Sit near the door if you will need to leave class during a lecture.
- Do not eat in the classroom.

Individual initiative

- Your grade is your responsibility.
- I am willing to help you with the course material and the applications, but **you** must take the initiative to ask.

Academic integrity

- As part of the university policy regarding academic misbehavior, students caught cheating or guilty of plagiarism will receive zero points for the homework or exam.
- See [Academic Integrity](#) for more information.

Religious holidays

Because of the extraordinary variety of religious affiliations of the University student body and staff, the Academic Calendar makes no provisions for religious holidays. However, it is University policy to respect the faith and religious obligations of the individual. Students with classes or examinations that conflict with their religious observances are expected to notify their instructors well in advance so that mutually agreeable alternatives may be worked out.

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Student Disabilities Services

- If you have a documented disability that requires accommodations, you will need to register with **Student Disability Services** for coordination of your academic accommodations. Students registered with Student Disability Services and eligible for alternate testing accommodations such as extended test time and/or a distraction-reduced environment should present the required test permit to the professor at least one week in advance of the exam.
- See [Student Disability Services](#) for more information.

Class recordings

Students need prior written permission from the instructor before recording any portion of this class. If permission is granted, the audio and/or video recording is to be used only for the student's personal instructional use. Such recordings are not intended for a wider public audience, such as postings to the internet or sharing with others. Students registered with Student Disabilities Services who wish to record class materials must present their specific accommodation to the instructor, who will subsequently comply with the request unless there is some specific reason why they cannot, such as discussion of confidential or protected information.

Emergencies and notifications

- The Wayne State Broadcast Messaging system can send you text messages regarding campus safety.
- To begin receiving these messages, register your cell phone at [Broadcast Messaging](#).

Drop and withdraw dates

- Last day to withdraw is March 25.
- See the [Academic Calendar](#) for more information.