

<b>Class Plan: PROG24178</b>		<b>Java Programming II</b>
<b>Campus / Class</b>	Trafalgar / 19602	
<b>Prepared By:</b>	Mats Swan	
<b>Contact:</b>	mats.swan@sheridancollege.ca	
<b>Date:</b>	January 6, 2014	
<b>Office / Hours:</b>	N/A – please e-mail me to schedule an appointment	
<b>Text book:</b>	<i>"Introduction to Java Programming"</i> by Y. Daniel Liang	

<b>Course Outline</b>	
Please see the course outline on the Course Outline database ( <a href="http://www.sheridancollege.ca/academics/programs-and-courses/course-outline-search.aspx">http://www.sheridancollege.ca/academics/programs-and-courses/course-outline-search.aspx</a> )	
Detailed Course Description	Evaluation Plan
Program Context	Topical Outline
Critical Performance	Academic Integrity Policy
Learning Outcomes	Discrimination and Harassment Policy

<b>Grading</b>	
Labs and Quizzes	15%
Assignments	10%
Term Project	10%
Midterm Test	30%
Final Test	35%
NB: You must score at least 50% on the tests and 50% on the home work in order to pass the course.	

Week	Textbook Chapters	Topics
1 JAN 06-10	Textbook Supplement F (available on-line)	<ul style="list-style-type: none"> <li>• Course overview</li> <li>• NetBeans installation and overview</li> <li>• Packages</li> </ul>
	Chapter 1-6	<ul style="list-style-type: none"> <li>• Review of Java Programming I topics</li> <li>• Javadoc comments</li> <li>• <i>Review Lab assigned</i></li> </ul>
2 JAN 13-17	Chapter 9.1-9.5 Chapter 10.12-10.13 Chapter 14.9, 14.11	<ul style="list-style-type: none"> <li>• <b>Review Lab Due</b></li> <li>• String processing review</li> <li>• Advanced Exception Handling</li> <li>• Primitive objects (wrapper class)</li> <li>• Exercise 1 assigned</li> </ul>
	Chapter 10.1-10.11 Chapter 11.1-11.5	<ul style="list-style-type: none"> <li>• <b>Exercise 1 Due</b></li> <li>• Class relationships</li> <li>• Inheritance</li> <li>• <i>Lab 1 assigned</i></li> </ul>
3 JAN 20-24	Chapter 11.6-11.10	<ul style="list-style-type: none"> <li>• Inheritance</li> </ul>
	Chapter 15.1-15.5 Chapter 15.8-15.9	<ul style="list-style-type: none"> <li>• Abstract classes and interfaces</li> </ul>
4 JAN 27-31	Chapter 12 Chapter 17	<ul style="list-style-type: none"> <li>• <b>Lab 1 Due</b></li> <li>• GUI components</li> <li>• Swing components, properties, methods</li> </ul>
	Chapter 12.5 Chapter 37	<ul style="list-style-type: none"> <li>• Layout management</li> <li>• <i>Lab 2 assigned</i></li> </ul>
5 FEB 03-07	Chapter 12.6 Chapter 38 Chapter 39	<ul style="list-style-type: none"> <li>• Nested layouts</li> <li>• Interface design</li> </ul>
		<ul style="list-style-type: none"> <li>• NetBeans GUI builder</li> </ul>
6 FEB 10-14	Chapter 16	<ul style="list-style-type: none"> <li>• <b>Lab 2 Due</b></li> <li>• Introduction to Event Handling</li> <li>• Types of events</li> </ul>
	Chapter 16 Chapter 14.1-14.9	<ul style="list-style-type: none"> <li>• Event handling practice exercises</li> <li>• Advanced exception handling</li> <li>• <i>Lab 3 assigned</i></li> </ul>
7 FEB 17-21		<ul style="list-style-type: none"> <li>• FAMILY DAY HOLIDAY</li> </ul>
		<ul style="list-style-type: none"> <li>• <b>MID-TERM EXAM</b></li> </ul>

STUDY WEEK FEB 24-28		
8 MAR 03-07		<ul style="list-style-type: none"> <li>• <b>Lab 3 Due</b></li> <li>• <b>Project Proposal Due</b></li> <li>• Creating a class library</li> </ul>
	Chapter 14.10-14.13 Chapter 19	<ul style="list-style-type: none"> <li>• Introduction to files and file streams</li> <li>• <i>Lab 4 assigned</i></li> </ul>
9 MAR 10-14	Chapter 14.10-14.13 Chapter 19	<ul style="list-style-type: none"> <li>• File input and output</li> <li>• JFileChooser dialog (optional)</li> </ul>
	Chapter 6.1-6.5	<ul style="list-style-type: none"> <li>• File applications - practice</li> <li>• Introduction to arrays</li> </ul>
10 MAR 17-21	Chapter 6.6-6.12	<ul style="list-style-type: none"> <li>• <b>Lab 4 Due</b></li> <li>• Intermediate array concepts</li> </ul>
	Chapter 7 Chapter 22	<ul style="list-style-type: none"> <li>• More array concepts</li> <li>• Object arrays</li> <li>• <i>Lab 5 assigned</i></li> </ul>
11 MAR 24-28		<ul style="list-style-type: none"> <li>• Lists, Stacks, and Queues</li> </ul>
	Chapter 11.11-11.13	<ul style="list-style-type: none"> <li>• ArrayList class</li> <li>• ArrayList exercise</li> </ul>
12 MAR 31 APR 04	Chapter 16.9-16.11	<ul style="list-style-type: none"> <li>• <b>Lab 5 Due</b></li> <li>• ListBox events</li> <li>• Window events</li> </ul>
		<ul style="list-style-type: none"> <li>• Multiple windows</li> <li>• Application deployment</li> </ul>
13 APR 07-11		<ul style="list-style-type: none"> <li>• Project work</li> </ul>
		<ul style="list-style-type: none"> <li>• Final exam review</li> </ul>
14 APR 14-18		<ul style="list-style-type: none"> <li>• <b>Final exam</b></li> </ul>

## ***Class conduct***

Exam and assignment policies:

<http://www-acad.sheridanc.on.ca/~jollymor/assignPol.html>

### **CLASSROOM POLICIES**

- Attendance: Attendance is not mandatory, but is highly recommended.  
It is your responsibility to catch up any missed material.
- Behavior: Please be polite and consider others.  
If you distract or disturb others, you will be asked to leave the room.
- Late Arrival: Please take your seat quietly.  
It is your responsibility to catch up any missed material.
- Mobile Devices: For lectures in class, all cellphones and pagers should be turned off.  
For in-class activities, mobile devices are allowed.  
If mobile devices are on, please use headphones and low volume.

### **EVALUATION POLICIES**

- Attendance: Attendance does not count towards your final grade.
- Honesty: Penalties apply to cases of academic integrity.  
Please see the official Sheridan policy  
(<https://policy.sheridanc.on.ca/default.aspx>).  
You will need to log in using your Sheridan user id and password.
- Participation: Participation in class does not count towards your final grade.
- Quizzes: If you have a medical condition, please provide documentation.  
If you arrive late, you will only be allowed the remaining time.  
If you leave the room, please hand in your quiz.  
If you miss the quiz, there is no makeup quiz.
- Tests: If you have a medical condition, please provide documentation.  
If you arrive late, and someone has left, you may not enter.  
If you arrive late, you will only be allowed the remaining time.  
If you leave the room, please hand in your test.  
If you miss the test, please contact me and explain your absence.  
Depending on the circumstances, I may allow a makeup test.