## Email address to be shared with students on course outline: an.spechtdeandrade@uwinnipeg.ca

## LECTURE SCHEDULE

SCHEDULE DATES	LECTURE TOPICS	REQUIRED READINGS
August 05	Introduction to Java; anatomy of a Java class; the main method; the Java Virtual Machine; data types; operators; variable scope	Chapters 1 and 3
August 12	Working with classes; objects; creating and using methods; method overloading; encapsulation; setters and getters; constructors; the objects' lifecycle	Chapter 2 and 4
August 19	Decision statements and loops; enhanced for; flow control; the String class and its methods; the Array class and its methods; declaring and using multidimensional arrays	Chapter 5
August 26	The Java API; the StringBuilder class; the wrapper classes and its parsing methods; overriding the equals method; creating and importing packages; the ArrayList class	Chapter 6
September 02	Inheritance; polymorphism; access modifiers; method overriding; interfaces	Chapters 7 and 8
September 09	Exceptions; working with files; Review	Chapter 11

## **METHOD OF EVALUATION**

VALUE	ITEM OF WORK	DUE DATE
10%	Individual assignment 1: OOP fundamentals	August 06 @ 11:59 pm
15%	Quiz 1	August 12
15%	Quiz 2	August 19
20%	Individual assignment 2: decision statements and methods	August 22 @ 11:59 pm
15%	Quiz 3	September 02
20%	Individual assignment 3: constructors, setters/getters and files	September 12 @ 11:59 pm
5%	Student participation (questions, contributions)	

Add additional course material here unless you are posting this material (assignment directions, rubrics etc.) on Nexus.