

## Java Level 2 Syllabus

Session/Link	Topic	Programs	Page
<b>Session 1</b>	Review of Level 1	Rules for the Class Ice Breaker TA Introductions repl.it Setup Volume of 3D Shapes Quadratic Formula Adding a Range of Values	2
<b>Session 2</b>	static Methods Passing Primitive Variables	Ice Breaker Quadratic Formula with Methods Printing Shapes in Methods Random Number Generator Temperature Converter	10
<b>Session 3</b>	More Methods String Methods	Ice Breaker Find Letter in String Hangman Part 1 Hangman Part 2 Palindrome	15
<b>Session 4</b>	Overloading Methods Math Rounding	Ice Breaker Calculate Money Hangman Part 3 Determining GPA	20
<b>Session 5</b>	Review Catch Up	Ice Breaker Mod 10 Credit Card Checker Hangman Part 4 Hangman Part 5	25
<b>Session 6</b>	Arrays	Ice Breaker Dice Rolling Unintelligent Birthday Guesser Hangman Part 6	29
<b>Session 7</b>	Passing Arrays into Methods	Ice Breaker Bubble Sort Average, Minimum, Maximum with Arrays	33
<b>Session 8</b>	Computer Organization File I/O	Ice Breaker My First File Sorting from a File Hangman Part 7	36
<b>Session 9</b>	More File I/O Parsing Strings	Ice Breaker File Copier Initials Finder Hangman Part 8	40
<b>Session 10</b>	Multi-Dimensional Arrays	Ice Breaker Battleship Part 1 Battleship Part 2 Battleship Part 3	44

