

| Week | Topic   | Tuesday                 | Thursday                       | Due Thursday by 10:00am |
|------|---|-------------------------|--------------------------------|-------------------------|
| 1    | Review Syllabus, Introduction<br>Variables, Int, Arithmetic             | Aug 25                  | Aug 27                         |                         |
| 2    | Binary, Strings, Characters<br>Floating-point Numbers                   | Sep 1                   | Sep 3                          | zyBooks Week 1          |
| 3    | Comments, Style, Debugging<br>Type Conversions, Overflow, Numeric       | Sep 8                   | Sep 10                         | zyBooks Week 2          |
| 4    | String Operations, Formatting<br>API Docs, Math and Random              | Sep 15                  | Sep 17                         | zyBooks Week 3          |
| 5    | If, Else, Ranges<br>Equality, Logical Operators                         | Sep 22                  | Sep 24                         | zyBooks Week 4          |
| 6    | Comparisons<br>Character Operations                                     | Sep 29                  | Oct 1                          | zyBooks Week 5          |
| 7    | Midterm Review (Tuesday) and <b>Midterm (Thursday)</b>                  | <b>Oct 6<br/>Review</b> | <b>Oct 8<br/>Midterm Exam!</b> | zyBooks Week 6          |
| 8    | Loops and Strings, Nested Loops   | Oct 13                  | Oct 15                         |                         |
| 9    | Switch, Break, Conditional Expressions<br>Enums, Do-While, Scope, Files | Oct 20                  | Oct 22                         | zyBooks Week 8          |
| 10   | Arrays concept, Iteration, Loops<br>Enhanced Loops, Modifying Arrays    | Oct 27                  | Oct 29                         | zyBooks Week 9          |
| 11   | Methods, Command-line Arguments   | Nov 3                   | Nov 5                          | zyBooks Week 10         |
| 12   | Writing Classes<br>Class Initialization, References                     | Nov 10                  | Nov 12                         | zyBooks Week 11         |
| 13   | Return Values, Variable Scope<br>Object Oriented Design                 | Nov 17                  | Nov 19                         | zyBooks Week 12         |
| 14   | Inheritance   | Nov 24                  | Nov 26<br>(No Live Session)    | zyBooks Week 13         |
| 15   | Final Review (Tuesday) and <b>Final (Thursday)</b>                      | <b>Dec 1<br/>Review</b> | <b>Dec 3<br/>Final Exam!</b>   | zyBooks Week 14         |