# Course Schedule

## Week 1 (Jan 11)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Class organization. Computers and programs</td>
<td>Chapter 1</td>
<td>Chapter1</td>
</tr>
<tr>
<td>Lecture R</td>
<td>Writing simple programs.</td>
<td>Chapter 2</td>
<td>Chapter2</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lab</td>
<td>Orientation</td>
<td></td>
<td>Lab 01</td>
</tr>
<tr>
<td>Lecture Examples</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Project0

## Week 2 (Jan 18)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Writing simple programs</td>
<td>Chapter 2</td>
<td></td>
</tr>
<tr>
<td>Lecture R</td>
<td>Computing with Numbers</td>
<td>Chapter 3</td>
<td>Chapter 3</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
<td></td>
<td>Recitation 02</td>
</tr>
<tr>
<td>Lab</td>
<td>Orientation</td>
<td></td>
<td>Prelab 02</td>
</tr>
<tr>
<td>Lab</td>
<td>Orientation</td>
<td></td>
<td>Lab 02</td>
</tr>
<tr>
<td>Lecture Examples</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Project1

## Week 3 (Jan 25)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Objects and graphics</td>
<td>Chapter 4</td>
<td>Chapter 4</td>
</tr>
<tr>
<td>Lecture R</td>
<td>Objects and graphics</td>
<td>Chapter 4</td>
<td>Chapter 4</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
<td></td>
<td>Recitation 03</td>
</tr>
<tr>
<td>Pre-lab</td>
<td></td>
<td></td>
<td>Prelab 03</td>
</tr>
<tr>
<td>Lab</td>
<td></td>
<td></td>
<td>Lab 03</td>
</tr>
<tr>
<td>Lecture Examples</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Project1

## Project 1 Solution

## Week 4 (Feb 1)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topic</td>
<td>Book Chapter</td>
<td>Slides/Assignment</td>
<td>Notes</td>
</tr>
<tr>
<td>------------------</td>
<td>------------------</td>
<td>-------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Lecture T</td>
<td>Sequences: Strings, Lists, and Files</td>
<td>Chapter 5</td>
<td>Chapter 5</td>
</tr>
<tr>
<td>Lecture R</td>
<td>Sequences: Strings, Lists, and Files</td>
<td>Chapter 5</td>
<td>Chapter 5</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
<td></td>
<td>Recitation 04</td>
</tr>
<tr>
<td>Pre-lab</td>
<td></td>
<td></td>
<td>Prelab 04</td>
</tr>
<tr>
<td>Lab</td>
<td></td>
<td></td>
<td>Lab 04</td>
</tr>
<tr>
<td>Lecture Examples</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Week 5 (Feb 8)**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Defining functions</td>
<td>Chapter 6</td>
<td>Chapter 6</td>
</tr>
<tr>
<td>Lecture R</td>
<td>Defining functions</td>
<td>Chapter 6</td>
<td>Chapter 6</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
<td></td>
<td>Recitation 05</td>
</tr>
<tr>
<td>Pre-lab</td>
<td></td>
<td></td>
<td>Prelab 05</td>
</tr>
<tr>
<td>Lab</td>
<td></td>
<td></td>
<td>Lab 05</td>
</tr>
<tr>
<td>Lecture Examples</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Project2**  
**Project 2 Solution**

**MIDTERM1: February 16, Tuesday, 8:00p-9:30p, CL50 224**

**Week 6 (Feb 15)**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Exam Revision</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lecture R</td>
<td>Decision Structures</td>
<td>Chapter7</td>
<td>Chapter 7</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
<td></td>
<td>Recitation 06</td>
</tr>
<tr>
<td>Pre-lab</td>
<td></td>
<td></td>
<td>Prelab 06</td>
</tr>
<tr>
<td>Lab</td>
<td></td>
<td></td>
<td>Lab 06</td>
</tr>
<tr>
<td>Lecture Examples</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Week 7 (Feb 22)**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Decision Structures</td>
<td>Chapter7</td>
<td>Chapter 7</td>
</tr>
<tr>
<td>Lecture R</td>
<td>CLASS CANCELLED</td>
<td>Chapter8</td>
<td>Chapter 8</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
<td></td>
<td>Recitation 7</td>
</tr>
<tr>
<td>Pre-lab</td>
<td></td>
<td></td>
<td>Prelab 07</td>
</tr>
<tr>
<td>Lab</td>
<td></td>
<td></td>
<td>Lab 07</td>
</tr>
<tr>
<td>Lecture Examples</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Week 8 (Feb 29)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Decision Structures</td>
<td>Chapter 8</td>
<td>Chapter 8</td>
</tr>
<tr>
<td>Lecture R</td>
<td>Simulation and Design</td>
<td>Chapter 9</td>
<td>Chapter 9</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
<td></td>
<td>Recitation 8</td>
</tr>
<tr>
<td>Pre-lab</td>
<td></td>
<td></td>
<td>Prelab 08</td>
</tr>
<tr>
<td>Lab</td>
<td></td>
<td></td>
<td>Lab 08</td>
</tr>
<tr>
<td>Lecture Examples</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Week 9 (March 7)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Simulation and Design</td>
<td>Chapter 9</td>
<td>Chapter 9</td>
</tr>
<tr>
<td>Lecture R</td>
<td>Defining Classes</td>
<td>Chapter 10</td>
<td>Chapter 10</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
<td></td>
<td>Recitation 9</td>
</tr>
<tr>
<td>Pre-lab</td>
<td></td>
<td></td>
<td>Prelab 09</td>
</tr>
<tr>
<td>Lab</td>
<td></td>
<td></td>
<td>Lab 09</td>
</tr>
<tr>
<td>Lecture Examples</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Project3

More test cases [HERE](#)

## Week 10 (March 14)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Spring Vacation (No class)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lecture R</td>
<td>Spring Vacation (No class)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recitation</td>
<td>Spring Vacation (No class)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pre Lab</td>
<td>Spring Vacation (No class)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lab</td>
<td>Spring Vacation (No class)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lecture Examples</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Week 11 (March 21)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Defining Classes</td>
<td>Chapter 10</td>
<td>Chapter 10</td>
</tr>
<tr>
<td>Lecture R</td>
<td>Defining Classes</td>
<td>Chapter 10</td>
<td>Chapter 10</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
<td></td>
<td>Recitation 11</td>
</tr>
<tr>
<td>Pre-lab</td>
<td></td>
<td></td>
<td>Prelab 11</td>
</tr>
<tr>
<td>Lab</td>
<td></td>
<td></td>
<td>Lab 11</td>
</tr>
<tr>
<td>Lecture Examples</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MIDTERM2: Tuesday (03/29) at 8:00p - 9:30p in CL50 224.

- Sample questions.
• Solutions for the sample questions.
• Exam 2 solutions.
• Exam 2 test cases.

Week 12 (March 28)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Exam revision</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Lecture R</td>
<td>Data Collections</td>
<td>Chapter11</td>
<td>Chapter 11</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
<td>Recitation 12</td>
<td></td>
</tr>
<tr>
<td>Prelab</td>
<td></td>
<td>Prelab 12</td>
<td></td>
</tr>
<tr>
<td>Lab</td>
<td></td>
<td>Lab 12</td>
<td></td>
</tr>
<tr>
<td>Lecture Examples</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Project4

Week 13 (April 4)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Data Collections</td>
<td>Chapter11</td>
<td>Chapter 11</td>
</tr>
<tr>
<td>Lecture R</td>
<td>Object Oriented Design</td>
<td>Chapter12</td>
<td>Chapter 12</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
<td>Recitation 13</td>
<td></td>
</tr>
<tr>
<td>Prelab</td>
<td></td>
<td>Prelab 13</td>
<td></td>
</tr>
<tr>
<td>Lab</td>
<td></td>
<td>Lab 13</td>
<td></td>
</tr>
<tr>
<td>Lecture Examples</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Week 14 (April 11)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Object Oriented Design</td>
<td>Chapter12</td>
<td>Chapter 12</td>
</tr>
<tr>
<td>Lecture R</td>
<td>Algorithm Design and Recursion</td>
<td>Chapter13</td>
<td>Chapter 13</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
<td>Recitation 14</td>
<td></td>
</tr>
<tr>
<td>Prelab</td>
<td></td>
<td>Prelab 14</td>
<td></td>
</tr>
<tr>
<td>Lab</td>
<td></td>
<td>Lab 14</td>
<td></td>
</tr>
<tr>
<td>Lecture Examples</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Week 15 (April 18)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Algorithm Design and Recursion</td>
<td>Chapter13</td>
<td>Chapter 13</td>
</tr>
<tr>
<td>Lecture R</td>
<td>Algorithm Design and Recursion</td>
<td>Chapter13</td>
<td>Chapter 13</td>
</tr>
<tr>
<td>Recitation</td>
<td></td>
<td>Recitation 15</td>
<td></td>
</tr>
<tr>
<td>Prelab</td>
<td></td>
<td>Prelab 15</td>
<td></td>
</tr>
<tr>
<td>Lab</td>
<td></td>
<td>Lab 15</td>
<td></td>
</tr>
</tbody>
</table>
### Week 16 (April 25)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Book Chapter</th>
<th>Slides/Assignment</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture T</td>
<td>Review for final</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lecture R</td>
<td>NO CLASS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recitation</td>
<td>NO RECITATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lab</td>
<td>No lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

From: [http://courses.cs.purdue.edu/ - Computer Science Courses](http://courses.cs.purdue.edu/)


Last update: **2016/04/20 15:59**