

Week	Topic	Notes
Jan 9-13	<b>Lecture W:</b> Class organization. Introduction to CS	<a href="#">Intro.pdf</a>
	<b>Lecture F:</b> Data 1	<a href="#">IntroNotes.pdf</a>
	<b>Recitation:</b> No recitation during the first week	<a href="#">Data.pdf</a>
	<b>Lab:</b> Orientation (e.g. graphs in Excel)	<a href="#">DataNotes.pdf</a>
Jan 16-20	<b>Lecture W:</b> Data 2	<b>M: MLK Holiday</b>
	<b>Lecture F:</b> Regular data structures	<a href="#">DS1.pdf</a>
	<b>Recitation &amp; Lab:</b> Data	<a href="#">DS1Notes.pdf</a>
Jan 23-27	<b>Lecture W:</b> Irregular data structures	<a href="#">TeamingInfo.pdf</a>
	<b>Lecture F:</b> Introduction to algorithms	<a href="#">DS2.pdf</a>
	<b>Recitation &amp; Lab:</b> Regular data structures	<a href="#">DS2Notes.pdf</a>
		<a href="#">Algo0.pdf</a>
		<a href="#">Algo0Notes.pdf</a>
Jan 30-Feb 3	<b>Lecture W:</b> Algorithms on regular data structures 1	<a href="#">Algo1.pdf</a>
	<b>Lecture F:</b> Algorithms on regular data structures 2	<a href="#">Algo1Notes.pdf</a>
	<b>Recitation &amp; Lab:</b> Irregular data structures	
Feb 6-10	<b>Lecture W:</b> Algorithms on irregular data structures	<a href="#">Algo2.pdf</a>
	<b>Lecture F:</b> Recursive algorithms 1	<a href="#">Algo2Notes.pdf</a>
	<b>Recitation &amp; Lab:</b> Algorithms on regular data structures	
Feb 13-17	<b>Lecture W:</b> Recursive algorithms 2	<a href="#">Algo3.pdf</a>
	<b>Lecture F:</b> Review	<a href="#">Algo3Notes.pdf</a>
	<b>Recitation &amp; Lab:</b> Algs on irregular data structures & recursive algs	
Feb 20-24	<b>Lecture W:</b> Programming in Python 1—Overview	<b>Midterm:</b>
	<b>Lecture F:</b> Programming in Python 2—Numbers and 1-D arrays	<b>Monday Feb 20</b>
	<b>Recitation:</b> No recitation	<a href="#">PythonIntro.zip</a>
	<b>Lab:</b> Python programming environment	
Feb 27-Mar 2	<b>Lecture W, F:</b> Programming in Python 3: Strings, Lists, and Files	<a href="#">PythonSeqs</a>
	<b>Recitation &amp; Lab:</b> Python Numbers and 1-D arrays of numbers	
Mar 5-9	<b>Lecture W&amp;F:</b> Programming in Python 4: Graphics	<a href="#">PythonGr</a>
	<b>Recitation &amp; Lab:</b> Python strings, lists, files	
Mar 12-16		<b>Spring Break</b>
Mar 19-23	<b>Lecture W&amp;F:</b> Programming in Python 5: Functions, Decision Structures, Loop Structures, and Booleans	<a href="#">PythonEtc</a>
	<b>Recitation &amp; Lab:</b> Python graphics	
Mar 26-30	<b>Lecture W&amp;F:</b> Programming in Python 6: Recursion	<a href="#">PythonRec</a>
	<b>Recitation &amp; Lab:</b> Functions, Decision Structures, Loop Structures, and Booleans	<a href="#">PRec.py</a>
Apr 2-6	<b>Lecture W:</b> Programming in Python 6: Recursion (continued)	<b>Midterm:</b>
	<b>Lecture F:</b> Review for midterm 2	<b>Monday Apr 9</b>
	<b>Recitation &amp; Lab:</b> Recursion	

<b>Apr 9-13</b>	<b>Lecture W&amp;F:</b> Internet	<a href="#">Internet.pdf</a> <a href="#">InternetNotes.pdf</a>
	<b>Recitation:</b> No recitation	
	<b>Lab:</b> Robot lab 1	
<b>Apr 16-20</b>	<b>Lecture W:</b> Cyber security—cryptography <b>No lecture on Friday April 20</b>	<a href="#">Crypto.pdf</a> <a href="#">CryptoNotes.pdf</a>
	<b>Recitation:</b> Discussion of MDT2 solutions	
	<b>Lab:</b> Robot lab 2	
<b>Apr 23-27</b>	<b>Lecture W:</b> Review for final—Part 1, up to Python	
	<b>Lecture F:</b> Review for final—Practice Questions	
	<b>Recitation:</b> Review for final—Practice Questions	
	<b>Lab:</b> Recursion Visualization, extra credit	