

## Python Level 1 Syllabus

Session/Link	Topic	Programs	Page
<b>Session 1</b>	Introduction to Python	Rules for the Class Ice Breaker TA Introductions repl.it Setup Hello World Print Poem	2
<b>Session 2</b>	Printing Strings Escape Characters	Ice Breaker Print Shapes Print ASCII Art	8
<b>Session 3</b>	Primitive Variable Types Arithmetic Operations	Ice Breaker Convert between Miles and Kilometers Find Area of Circle and Rectangle	12
<b>Session 4</b>	Reading Input from Command Line Converting between Types	Ice Breaker Display Time Football Score Calculator	15
<b>Session 5</b>	if Statements	Ice Breaker Determine Letter Grades Chinese Zodiac	18
<b>Session 6</b>	Boolean Logic	Ice Breaker Two Operand Calculator Pocket of Coins	21
<b>Session 7</b>	while Loops	Ice Breaker Find Average Find Minimum and Maximum	24
<b>Session 8</b>	More while Loops	Ice Breaker Guess a Number Addition Test	27
<b>Session 9</b>	for Loops	Ice Breaker Print Patterns Number Sequences and Factorial	30
<b>Session 10</b>	More for Loops	Ice Breaker Hashtags Multiplication Table	33

