VEO 22	EF Computer Science 1 William A Loving		T								
	55 Computer Science 1, William A Loring Pre class work		In class work		After class work		Points	In class hours	Out of class hours	Total	Weekly total
Qty	Assignment	min.	Assignment	min.	Assignment	min.					
	Python Chapter 10 Files		Class: Face to Face, Live Streaming,								
			or Recording	120	Read Getting Started Information	60		2.40	1.20	3.60	
	Java Chapter 6 HashMaps				Install Python			-	-	-	
	C++ Chapter 6 Arrays and Vectors				Install JDK			-	-	-	
_					Install CPP Compiler			-	-	-	
					Python Chapter 10 Files	90	60	-	1.80	1.80	
\$								-	-	-	
					Java Chapter.06 HashMaps	90	60	-	1.80	1.80	
					C++ Sandhills Car Care	90	60	-	1.80	1.80	
					Sololearn Tutorials	30	20	-	0.60	0.60	
								-	-	-	
						Total		2.40	7.20	9.60	9.60
	Python Chapter 10 Files		Class: Face to Face, Live Streaming,								
			or Recording	120				2.40	-	2.40	
	Java Chapter 8 Strings		Think Aloud	30	Python Persistant Todo List	90	60	0.60	1.80	2.40	
,	C++ Chapter 6 Unordered Maps				Python Public IP in Linux	60	40	-	1.20	1.20	
					Java Chapter 8 Strings	120	90	-	2.40	2.40	
:								-	-	-	
					C++ Chapter 6 Unordered Maps	60	40	-	1.20	1.20	
								-	-	-	
					Sololearn Tutorials	30	20	-	0.60	0.60	
						Total		3.00	7.20	10.20	10.20
			Class: Face to Face, Live Streaming,								
	Python Chapter 12 Database		or Recording	120				2.40	-	2.40	
	Java Chapter 8 Strings							-	-	-	
,	C++ Chapter 6 Unordered Maps				Java Pig Latin	120	90	-	2.40	2.40	
;					Java Hello World in Linux Tutorial	60	40	-	1.20	1.20	
					C++ Chapter 6 Structs	90	60	-	1.80	1.80	
					SQL Basics Tutorial with Khan Academy	90	60	-	1.80	1.80	
								-	-	-	
					Sololearn Tutorials	30	20	-	0.60	0.60	
						Total		2.40	7.80	10.20	10.20
	Python Chapter 12 Database		Class: Face to Face, Live Streaming,								
			or Recording	120				2.40	-	2.40	
	Java Chapter 9 GUI		Think Aloud	15	SQL Basics Project	60	40	0.30	1.20	1.50	
	C++ Chapter 7 OOP				Java Eclipse Temperature Converter GUI	60	40	-	1.20	1.20	
					C++ Chapter 7 OOP	90	60	-	1.80	1.80	
: <u> </u>					C++ Hello World in Linux Tutorial	60	40	-	1.20	1.20	
-					Python Jarvis Text to Speech	60	40	-	1.20	1.20	
								-	-	-	
					Sololearn Tutorials	30	20	-	0.60	0.60	
						Total		2.70	7.20	9.90	9.90
	Python Chapter 12 Database		Class: Face to Face, Live Streaming,								
			or Recording	120				2.40	-	2.40	
	Java Chapter 9 GUI				SQL Basics Project in SQLite	60	40	-	1.20	1.20	
	C++ Chapter 7 OOP				C++ Chapter 7 Pointers	90	60	-	1.80	1.80	

ਹ									-	-	
Week					Java Eclipse MPG GUI	180	120	-	3.60	3.60	
>					C++ OOP Rectangle Header Files Tutorial	60		-	1.20	1.20	
					CTT OOF RECtaligle Headel Files Tutorial	00	40	-	1.20	1.20	
ŀ					Sololearn Tutorials	30	20	-	0.60	0.60	
ŀ					Sololeann rutoriais	Total	20	2.40	8.40	10.80	10.80
		Python Chapter 12 Database	Class: Face to Face, Live Streaming,			Total		2.40	8.40	10.00	10.00
		Python Chapter 12 Database		420				2.40	_	2.40	
		Leve Charter 12 Database	or Recording	120 15				2.40	-	2.40	
	_	Java Chapter 12 Database	Think Aloud Tutorial	15		420	00	0.30		0.30	
		C++ Chapter 7 OOP			Python SQLite Game Shop Relational Database	120	90	-	2.40	2.40	
× 6					Java Chapter 12 Database	90	60	-	1.80	1.80	
Week 6					0 0: 1 000	400		-	-	-	
_					C++ Circle OOP	120	90	-	2.40	2.40	
								-	-	-	
							20	-	-	-	
					Sololearn Tutorials	30	20	- 2.70	0.60	0.60	0.00
						Total		2.70	7.20	9.90	9.90
		Python Chapter 16 Web Development	Class: Face to Face, Live Streaming,								
			or Recording	120	PythonPing Network Scanner	60		2.40	1.20	3.60	
					Python Chapter 16 Web Development	120	90	-	2.40	2.40	
7		C++ Chapter 12 Database						-	-	-	
Week					Python Chapter 7 OOP Inheritance	90	60	-	1.80	1.80	
Š					C++ Chapter 12 Database	90	60	-	1.80	1.80	
								-	-	-	
								-	-	-	
					Sololearn Tutorials	30	20	-	0.60	0.60	
						Total		2.40	7.80	10.20	10.20
		Python Chapter 16 Web Development	Class: Face to Face, Live Streaming,								
			or Recording		Python Threading	30		2.40	0.60	3.00	
			Think Aloud Tutorial	15	Flask Unit Converter	120	90	0.30	2.40	2.70	
∞								-	-	-	
Week					Python OOP Inheritance Alien Detector	90	60	-	1.80	1.80	
Ν̈́								-	-	-	
					Python Jarvis Speech Recognition	60		-	1.20	1.20	
					Python Essentials PCEP	60		-	1.20	1.20	
				1	Sololearn Tutorials	30	20	-	0.60	0.60	
						Total		2.70	7.80	10.50	10.50
			Class: Face to Face, Live Streaming,		PythonPing Network Scanner with Threading						
			or Recording	120		90		2.40	1.80	4.20	
		Java Chapter 10 Files			Python Jarvis Project Wikipedia	90		-	1.80	1.80	
9					Java Chapter 10 Files	60	40	-	1.20	1.20	
X					Java Fred's File Challenge	60	40	-	1.20	1.20	
Week 10								-	-	-	
-					Python Essentials PCEP	60	40	-	1.20	1.20	
					Guild Semester Project	90	100	-	1.80	1.80	
					Sololearn Tutorials	30	20	-	0.60	0.60	
						Total		2.40	9.60	12.00	12.00
			Class: Face to Face, Live Streaming,								
			or Recording	120				2.40	-	2.40	
		Java Chapter 7 OOP Inheritance	Think Aloud Tutorial	15	Python Tres Cabelleros Collatz Conjecture	120	90	0.30	2.40	2.70	
		C++ Chapter 8 Strings			Java Chapter 7 OOP Inheritance	30	20	-	0.60	0.60	

1					Java OOP Inheritance Maya's Candles	120	90	-	2.40	2.40	
Week 11					C++ Chapter 8 Strings	90	60	-	1.80	1.80	
Vee					C++ Chapter & Strings	90	00	-	-	1.00	
>					Python Essentials PCEP	60	40	-	1.20	1.20	
					Guild Semester Project	90	100	-	1.80	1.80	
					Sololearn Tutorials	30	20	-	0.60	0.60	
					Sololeann rutorials	Total	20	2.70	10.80	13.50	13.50
			Class: Face to Face, Live Streaming,			Total		2.70	10.00	13.30	15.50
			or Recording	120				2.40	_	2.40	
	-	Java Chapter 16 Web Development	or recording	120	Java Chapter 16 JSP	60	40	-	1.20	1.20	
		Java Chapter 10 Web Development			Java Tres Cabelleros Collatz Conjecture	90	60	-	1.80	1.80	
12					C++ Pig Latin	90	60	-	1.80	1.80	
Week 12					CTT FIG Latin	30	00	-	1.00	1.00	
š					Python Essentials PCEP	60	40	-	1.20	1.20	
				1	Guild Semester Project	90	100	-	1.80	1.80	
				1	Sololearn Tutorials	30	20		0.60	0.60	
					300learn rutoriais	Total	20	2.40	8.40	10.80	10.80
H		Python Chapter 15 Data Science	Class: Face to Face, Live Streaming,	1		iotai	<u> </u>	2.40	3.40	10.00	10.00
		rython chapter 13 Data Science	or Recording	120	Python Chapter 15 Data Science (NumPy)	120	90	2.40	2.40	4.80	
		· · · · · · · · · · · · · · · · · · ·	Think Aloud Tutorial	30		120	30	0.60	-	0.60	
		· · · · · · · · · · · · · · · · · · ·	THIR Aloud Tutorial	30	JSP Tutorial Java Inside HTML	90	60	-	1.80	1.80	
13					35F Tutorial Java Iliside ITTIVIE	30	00	-	-	-	
1 X										_	
Week					Python Essentials PCEP	60	40	-	1.20	1.20	
-					C++ Tres Cabelleros Collatz Conjecture	90	60	-	1.80	1.80	
ŀ					Guild Semester Project	90	100	-	1.80	1.80	
					Sololearn Tutorials	30	20	-	0.60	0.60	
					onorcam ratorials	Total		3.00	9.60	12.60	12.60
		Python Chapter 15 Data Science	Class: Face to Face, Live Streaming,			1000		0.00	3.00		
		, and anapter 20 2 and other to	or Recording	120				2.40	_	2.40	
			or nessram _b	120	Python Chapter 15 Data Science (pandas)	120	90	-	2.40	2.40	
					Tython chapter 15 Bata science (pandas)	120	30	_	-	-	
Week 14					JSP Lb Kilo Converter	90	60	-	1.80	1.80	
ee					C++ Loaded Dice OOP	120	90	-	2.40	2.40	
≥					Python Essentials PCEP	60	40	-	1.20	1.20	
ľ					Guild Semester Project	90	100	-	1.80	1.80	
Ì					Sololearn Tutorials	30	20	-	0.60	0.60	
Ì						Total		2.40	10.20	12.60	12.60
		Python Chapter 15 Data Science	Class: Face to Face, Live Streaming,								
			or Recording	120	Python Chapter 15 Data Science (Matplotlib)	60	40	2.40	1.20	3.60	
1			IT Careers Discussion		Python Weather History Analysis	90	60	0.30	1.80	2.10	
١			Think Aloud	30				0.60	-	0.60	
Week 15								-	-	-	
ee/					C++ Inheritance	90	60	-	1.80	1.80	
>					Python Essentials PCEP	60	40	-	1.20	1.20	
					Guild Semester Project	90	100	-	1.80	1.80	
					Sololearn Tutorials	30	20	-	0.60	0.60	
						Total		3.30	8.40	11.70	11.70
			Class: Face to Face, Live Streaming,								
			or Recording	120				2.40	-	2.40	
Î			Lessons Learned Discussion	15	Python Chapter 15 Data Science Project	120	200	0.30	2.40	2.70	

					Python Unittests	60	40	-	1.20	1.20	
16				_	C++ Vehicle Inheritance	90	60	-	1.80	1.80	
Week					Bubble Sort	90	60	-	1.80	1.80	
×								-	-	-	
İ					Python Essentials PCEP	60	40	-	1.20	1.20	
					Guild Semester Project	90	100	-	1.80	1.80	
								-	-	-	
						Total		2.70	10.20	12.90	12.90
								ln	Out	Total	
					Gran	nd Totals		39.60	127.80	167.40	
									Average	11.16	
	Finals Week										
يد	Python Chapter 15 Data Science	120	200								
l ee	Guild Team Programming Final Project	120	200								
ls v											
Finals Week											
1"											