

Pacing Guide: Semester 2

Eckel, TJHSST AI2, Spring 2022

Date of recommended completion	Pacing plan for finishing GREEN assignments, 75%	Pacing plan for finishing GREEN and BLUE assignments, 88%	Pacing Plan for finishing GREEN, BLUE, and RED assignments, 95%	Pacing plan for finishing everything, 100%
Completed by 1/30		5: Regex Brainteasers 1 5: re & colorama	5: Regex Brainteasers 1 5: re & colorama	5: Regex Brainteasers 1 5: re & colorama
Completed by 2/6	5: Regex Brainteasers 1	5: Regex Brainteasers 2	5: Regex Brainteasers 2 5: Regex Brainteasers 3	5: Regex Brainteasers 2 5: Regex Brainteasers 3 5: Dict Search
Completed by 2/13	5: re & colorama	5: Dict Search 5: DFAs	5: Dict Search 5: DFAs 5: Regex to DFA	5: DFAs 5: Regex to DFA 5: Regex Brainteasers 4 5: Find Python Errors
Completed by 2/18 (Friday; see below)	5: DFAs	5: Regex to DFA	5: Find Python Errors 5: Regex Compiler	5: Regex Compiler 5: Black Option 1 5: Black Option 2
FRIDAY 2/18 is the LAST DAY of Unit 5 (because of the holiday on Monday 2/21)				
Completed by 2/27			6: Substitution Ciphers	6: Substitution Ciphers
Completed by 3/6		6: Substitution Ciphers	6: Tetris Modeling	6: Tetris Modeling 6: Tetris Strategy
Completed by 3/13	6: Substitution Ciphers	(Substitute a unit 5 RED assignment*)	6: Tetris Strategy	6: Tetris/Genetic Ext
Sunday 3/13 is the LAST DAY of Unit 6				
Completed by 3/20	(Makeup or work ahead)		7: NLTK 1	7: NLTK 1
Completed by 3/27		7: NLTK 1	7: NLTK 2	7: NLTK 2 7: NLTK 3
Sunday 3/27 is the LAST DAY of Unit 7				
Completed by 3/31 (Thursday; Q3 end)	8: Stars	8: Stars	8: Stars 8: Image Vectorization 1	8: Stars 8: Image Vectorization 1
Completed by 4/17		8: Image Vectorization 1 8: Decision Trees Acts.	8: Image Vectorization 2 8: Decision Trees Acts.	8: Image Vectorization 2 8: Image Vec Extension 8: Decision Trees Acts.
Completed by 4/24	8: Decision Trees Acts.	8: Decision Trees 1	8: Decision Trees 1 8: Decision Trees 2	8: Decision Trees 1 8: Decision Trees 2 8: Random Forest
Sunday 4/24 is the LAST DAY of Unit 8				
Completed by 5/1	9: Perceptrons 1 & Train	9: Perceptrons 1 & Train	9: Perceptrons 1 & Train	9: Perceptrons 1 & Train 9: Perceptrons 2 & 3 9: Graph Perceptrons
Completed by 5/8	9: Perceptrons 2 & 3	9: Perceptrons 2 & 3 9: Graph Perceptrons	9: Perceptrons 2 & 3 9: Graph Perceptrons	9: Perceptrons 4 9: Gradient Descent 9: 1-d Line Optimization
Completed by 5/15	9: Perceptrons 4	9: Perceptrons 4 9: Gradient Descent	9: Perceptrons 4 9: Gradient Descent 9: 1-d Line Optimization	9: Back Propagation 9: MNIST
Completed by 5/22	9: Gradient Descent	9: Back Propagation	9: Back Propagation 9: MNIST	9: while True: learn() 9: Distortions/Pairwise
Sunday 5/22 is the LAST DAY of Unit 9				
Completed by 5/29	I hope you do Back Prop and MNIST!	9: MNIST	10: fast.ai 1	10: fast.ai 1 10: fast.ai 2
Completed by your final exam day		Make ups / reds?	10: fast.ai 2	10: fast.ai 3
Your final exam day is the LAST DAY of Unit 10 and Semester 2!				

* The unit 6 BLUE assignment is silly without also doing RED; if you aren't planning to complete both, see me about a substitution.