

Pacing Guide: Semester 2

Eckel, TJHSST AI2, Spring 2023

| Recommended completion date (each date is a Sunday, unless otherwise noted) | 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 2/5 | | 5: Regex Brainteasers 1 | 5: Regex Brainteasers 1 | 5: Regex Brainteasers 1 5: re & colorama |
| Completed by 2/12 | | 5: re & colorama | 5: re & colorama 5: Regex Brainteasers 2 | 5: Regex Brainteasers 2 5: Regex Brainteasers 3 |
| Completed by Monday 2/20; Presidents' Day | 5: Regex Brainteasers 1 | 5: Regex Brainteasers 2 | 5: Regex Brainteasers 3 5: Dict Search | 5: Dict Search 5: Regex Brainteasers 4 5: DFAs |
| Completed by 2/26 | | 5: DFAs | 5: DFAs 5: Regex to DFA Quiz | 5: Regex to DFA Quiz 5: Regex Compiler |
| Completed by 3/5 | 5: re & colorama | 5: Regex to DFA Quiz | 5: Regex Compiler | 5: Black Option 1 5: Black Option 2 |
| Sunday 3/5 is the LAST DAY of Unit 5 | | | | |
| Completed by 3/12 | | | 6: Substitution Ciphers | 6: Substitution Ciphers |
| Completed by 3/19 | | 6: Substitution Ciphers | 6: Tetris Modeling | 6: Tetris Modeling 6: Tetris Strategy |
| Completed by 3/26 | 6: Substitution Ciphers | (Substitute something like Unit 9's Book Report; see course site.) | 6: Tetris Strategy | 6: Tetris/Genetic Ext |
| Sunday 3/26 is the LAST DAY of Unit 6 | | | | |
| Completed by Friday 3/31; Spring Break | | 7: Stars | 7: Stars 7: Color Space Vec 1 | 7: Stars 7: Color Space Vec 1 |
| Completed by Thursday 4/13; End of Quarter | 7: Stars | 7: Color Space Vec 1 | 7: Color Space Vec 2 | 7: Color Space Vec 2 7: Vec Extension |
| Thursday 4/13 is the LAST DAY of Unit 7 | | | | |
| Completed by 4/23 | | 8: Decision Trees Acts. | 8: Decision Trees Acts. | 8: Decision Trees Acts. 8: Decision Trees 1 |
| Completed by 4/30 | 8: Decision Trees Acts. | 8: Decision Trees 1 | 8: Decision Trees 1 8: Decision Trees 2 | 8: Decision Trees 2 8: Random Forest |
| Sunday 4/30 is the LAST DAY of Unit 8 | | | | |
| Completed by 5/7 | 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 5/14 | 9: Perceptrons 2 & 3 | 9: Perceptrons 2 & 3 9: Graph Perceptrons | 9: Perceptrons 2 & 3 9: Graph Perceptrons 9: Perceptrons 4 | 9: Perceptrons 4 9: Gradient Descent |
| Completed by 5/21 | 9: Perceptrons 4 | 9: Perceptrons 4 9: Gradient Descent | 9: Gradient Descent 9: Back Propagation | 9: Back Propagation 9: MNIST 9: MNIST w/ Distortions |
| Completed by Monday 5/29; Memorial Day | 9: Gradient Descent | 9: Back Propagation | 9: MNIST 9: MNIST w/ Distortions | 9: Visualization/Pairwise 9: Book or Game Report |
| Monday 5/29 is the LAST DAY of Unit 9 | | | | |
| Completed by 6/4 | I hope you do Back Prop and MNIST! | 9: MNIST | 10: fast.ai/NLTK choice 1 | 10: fast.ai/NLTK choice 1 10: fast.ai/NLTK choice 2 |
| Completed by your final exam day | | Make ups / reds? | 10: fast.ai/NLTK choice 2 | 10: fast.ai or NLTK Black |
| We have no final exam, but the day FCPS has reserved for your period's final exam is the LAST DAY of Unit 10 | | | | |

