Course Name: Data Structures  
Course Number: CS 261 (Online)  
Credits: 4  
Instructor name: Samina Ehsan  
Instructor email: ehsans@oregonstate.edu

### Course Content

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o Exploration: Intro to Data Structures  
o Exploration: Some Opening Thoughts  
o Syllabus Quiz (Due: Dec 11, 2020)  
o Assignment 0: Introduction Environment Setup (Due: Sep 30, 2020)  |
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o Module 2 - Overview  
o Exploration: Big O Introduction  
o Exploration: Big O Examples  
o Assignment 1: Python Programming Practice (Due: Oct 14, 2020)  
o Review - Module 2  |
| 3    | o Module 3 - Overview  
o Exploration: An Overview of ADTs  
o Exploration: Python’s List  
o Assignment 2: Implementation of Dynamic Array and ADTs using Dynamic Array and Amortized Analysis (Due: Oct 21, 2020)  
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| 4    | o Module 4 - Overview  
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o Exploration: Stacks, Queues and Deques  
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| 5    | o Module 5 - Overview  
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o Exploration: Iterator Example  
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o Review - Module 6  |
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