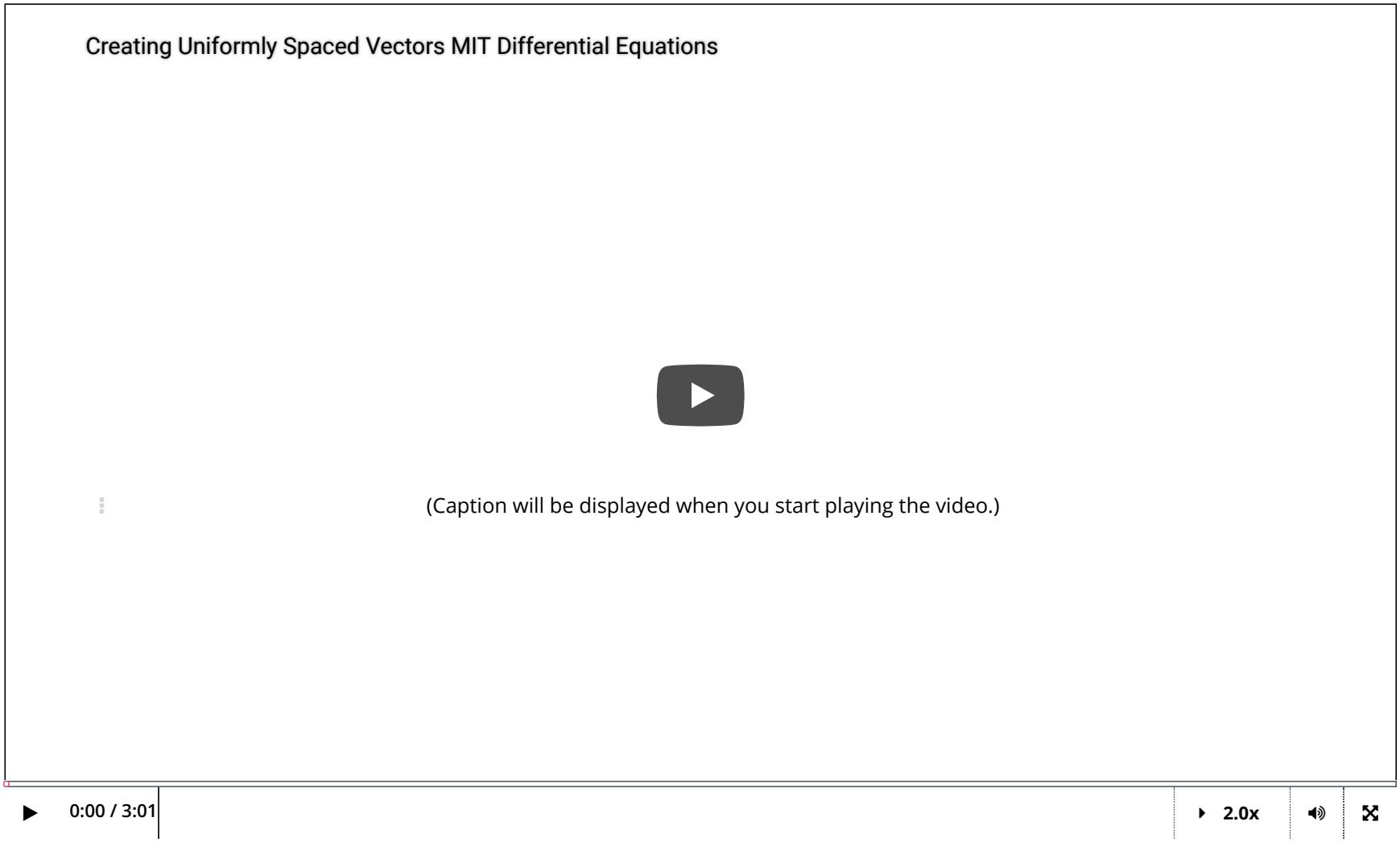
1. Plotting a time series

If this is your first time using MATLAB, or you are feeling rusty, you may want to go ahead and work through the MATLAB onramp. You can start it at any time, and it is kind of fun too!

Creating uniformly spaced vectors



Evenly spaced vectors (External resource) (1.0 points possible)

Practice with uniformly spaced vectors.

1. Create a vector t whose values are every even integer between 0 and 100.
2. Create a vector x of 1000 elements that range from 0 to π.

(The semicolon at the end of a line supresses the output. To see the output, simply omit the semicolon at the end of the line!)

Script

Save Reset MATLAB Documentation (https://www.mathworks.com/help/)

```
% Create a vector t whose values are every *even* integer between 0 and 100.
t = 0:2:100;

% Create a vector x with 1000 evenly spaced entries that range from 0 to pi.
x = linspace(0, pi, 1000);
```

Run Script

Previous Assessment: All Tests Passed

Submit

- ✓ **Check value of t**
- ✓ **Check value of x**

Output

```
Code ran without output
```

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Topic: Unit 1: Fourier Series / 1. Plotting a time series

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? {STAFF} Matlab page rendering. 8

Staff: For some reason these Matlab exercises do not render at all in my browser. Chrome or Firefox. Are those auditing the course prevented from doing these lab exercises?...

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