

Lectures

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Please follow the appropriate link below to view the lecture.

Week 1: MATLAB Fundamentals

What is MATLAB, basic plotting and syntax. [Click here to access.](#)

Week 2: Advanced Plotting

Plotting functions, programmatic plot customization. [Click here to access.](#)

Week 3: Review Session #1

Review questions to cover all of the concepts from Weeks 1 and 2. [Click here to access.](#)

Week 4: Numeric vs. Symbolic

Differentiating between numeric and symbolic functions, interconverting, uses of the two. [Click here to access.](#)

Week 5: Integrals and Iterative Solving

Using *vpasolve* and symbolic calculus. [Click here to access.](#)

Week 6: Review Session #2

Review questions to cover all of the concepts from Weeks 4 and 5. [Click here to access.](#)

Week 7: Mini-Project Introduction

Context and prompts for the mini-project, using all of the previous content. [Click here to access.](#)

Week 8: Mini-Project Workshop

Use this time to answer questions and debug student work on the Mini-Project. [Click here to access.](#)

Week 9: Wrap-up

Student presentations and general review. [Click here to access.](#)