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MITx CSE.0002x
Introduction to Computational Science and Engineering

Help   🔔   **sandipan_dey** ⌄

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Introduction to Computational Science and Engineering

ℹ️ **This course is ending in 5 hours at Sep 28, 2023, 5:00 AM GMT+5:30.**
After this date, the course will be archived, which means you can review the course content but can no longer participate in graded assignments or work towards earning a certificate.

Pick up where you left off   Resume course

Expand all

| ⊘ | **1 Entrance Survey** | ＋ |

| ⊘ | **2 Course Overview** | ＋ |

| ⊘ | **3 Finger Exercises (FE)** | ＋ |

| ✅ | **4 Problem Sets** | ＋ |

| ✅ | **5 Exams** | − |

✅ [5.1 Exam 1 (13 Questions)](#)
Timed Exam due Aug 30, 2023, 5:00 AM GMT+5:30

✅ [5.2 Exam 2 (12 Questions)](#)
Timed Exam due Sep 27, 2023, 5:00 AM GMT+5:30

| ✅ | **6 Exit Survey** | ＋ |

| ✅ | **7 A Basic Introduction to Plotting in Python** | ＋ |

| ⊘ | **8 Initial Value Problems, Python Classes, and Discretization** | ＋ |

| ⊘ | **9 Convergence, Accuracy, and an IVP Solver** | ＋ |

Set a weekly learning goal

Setting a goal motivates you to finish the course. You can always change it later.

🚩
Casual
1 day a week

🚩
Regular
3 days a week

🏴
Intense
5 days a week

⬭ Set a goal reminder

Course Tools

🔖 [Bookmarks](#)
🧭 [Launch tour](#)

Important dates

📅 **Thu, Sep 28, 2023**

Course ends

After this date, the course will be archived, which means you can review the course content but can no longer participate in graded assignments or work towards earning a certificate.

[View all course dates](#)

Course Handouts

10 Systems of Linear Differential Equations and NumPy   **+**

11 Nonlinear Differential Equations and Root Finding   **+**

12 Stiffness and Implicit Methods for IVPs   **+**

13 Introduction to Optimization   **+**

14 Introduction to Probabilistic Thinking   **+**

15 Fundamentals of Probability and Statistics   **+**

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