

Solving Mechanical Engineering Problems with MATLAB, By Simin Nasserri

E-book LMS Instructions

The publisher will send you the login credentials for the Learning Management System (LMS). Upon logging in, you'll be directed to the Dashboard screen outlined below.

The screenshot shows the LMS dashboard for the course 'Solving Mechanical Engineering Problems with MATLAB'. The user is logged in as Simin Nasserri. The dashboard includes a 'My courses' section with a course card for 'Solving Mechanical Engineering Problems with MATLAB' (marked with a red '1'). Below this is a 'Calendar' section for January 2024, showing a grid of dates. On the right, there is a 'Navigation' menu with options like 'Site home', 'Site pages', 'My courses', and 'smeprm'. Below the navigation is a 'Recently accessed items' section, which is currently empty (marked with a red '2').

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21 Multiple-Choic...
22	23	24	25	26	27	28 Multiple-Choic...

1. This represents the course we've established. More courses can be created for your classes, each with assigned instructors.
2. The Calendar displays scheduled tests, assignments, and allows you to add events.

Course

Upon entering a specific course, you'll encounter the following details:

The screenshot shows a course management interface for "Solving Mechanical Engineering Problems with MATLAB". The user is Simin Nasseri (SN). The interface includes a navigation bar with "Dashboard" and "My courses". The main content area is divided into sections: "General", "Chapter 1", and "Chapter 2". Each section contains a "Multiple-Choice" test with an "Opens" date and a "Mark as done" button. A right-hand sidebar contains "Administration" and "Navigation" sections. Five numbered callouts (1-5) point to specific elements: 1 points to the "Multiple-Choice" test in Chapter 1; 2 points to the "Turn editing on" button; 3 points to the "Announcements" icon; 4 points to the "Reports" option in the Administration sidebar; and 5 points to the "Gradebook setup" option in the Administration sidebar.

1. Test open dates are visible, and once the specified date arrives, these tests become accessible to enrolled students.
 - a. The first test is set for a random date that you can easily change.
2. Enabling the "Turn editing on" option allows you to edit the course, tests, assignments, and other elements.
3. "Announcements" provide a platform for sharing information visible to all students.
4. Access student reports conveniently through this section.
5. The Gradebook setup allows customization of scoring for questions or tests, determining the allocated scores for each.

To set the quizzes' dates:

Click on Ellipsis marks (...) for each quiz, and choose Edit setting. Then set the start and end and time for your quiz, as well as attempt, number, etc.

The screenshot shows a Moodle course page titled "Solving Mechanical Engineering Problems with MATLAB". The page is divided into sections: "General", "Chapter 1", and "Chapter 2". Under "Chapter 1", there is a "QUIZ Multiple-Choice" activity. A context menu is open over the quiz, showing options: "Mark as done", "Edit settings", "Move", "Move right", "Hide", "Duplicate", "Assign roles", and "Delete". The "Edit settings" option is highlighted. On the right side, there are two sidebars: "Administration" and "Navigation". The "Administration" sidebar includes options like "Course administration", "Settings", "Course completion", "Users", "Filters", "Reports", "Gradebook setup", "Badges", "Import", "Backup", "Restore", "Copy course", "Reset", and "Question bank". The "Navigation" sidebar includes "Dashboard", "Site home", "Site pages", "My courses", and "smepm" (with sub-items: Participants, Badges, Competencies, Grades, General).

The screenshot shows the "Edit settings" page for a quiz. The page has a title "Please study chapter 1 and then take this quiz." and a checkbox "Display description on course page" which is checked. The "Timing" section includes: "Open the quiz" (Enable checked, date: 8 January 2024, 06:00), "Close the quiz" (Enable checked, date: 15 January 2024, 23:59), "Time limit" (1 hours, Enable checked), and "When time expires" (Attempts must be submitted before time expires, or they are not counted). The "Grade" section includes: "Grade category" (Uncategorised), "Grade to pass" (0.00), and "Attempts allowed" (1).