Course overview and introduction.
  The first part or module in Moodle should be the introduction to the course. It should have the following elements;
1. Clear instructions on how to get started and locate components.
2. Students are given information about purpose and structure of course.
3. Etiquette for communication clearly defined.
4. Course/Institutional policies are clearly stated.
5. Prerequisites are defined.
6. Minimum technical skills stated.
7. Self-introduction by instructor available.
8. Students are given opportunity to interact and introduce themselves.
9. Learning objectives are stated and written from student perspective.
10.Instructions for students to meet learning objectives are stated clearly.
11.Grading policy is stated clearly.
12.Specific criteria are provided for evaluation of student work and participation.
Most of these suggestions should be covered in the syllabus which can be uploaded as a pdf for the students to view. You might want to re-enforce certain points by also listing them within the course. Netiquette, minimum technical skills, and preferred method of communications are examples of what you might want to emphasis beyond the syllabus.

Moodle modules.
  Each topic or week in Moodle should have the following elements;
1. Description of topic and goals for the module.
2. Purpose of material and and how it pertains to learning activities.
3. Everything is cited.
4. Instructional material is current.
5. Instructional materials presents different perspectives on content
6. Types of assessment measure learning objectives consistent to the course.
7. Student have multiple chances to measure their learning progress.
8. Specific criteria are provided for evaluation of student work and participation. (Rubric)
9. Assessment instruments are appropriate to work being assessed.
10.Activities support the courses learning objectives.
11.Learning activities allow for interaction.
12.Instructor clearly states timeframe for feedback.
13.Student interaction requirements are clearly defined.
14.Distinction between required and optional material is defined
15.Tools and media support learning objectives

  When creating a module and populating you should remember that not all students learn the same. You should have readings and video incorporated in each module.
  Your reading can be content you put together, articles, or a parts of a book you have assigned for the class.
  Videos should re-enforce or even introduce the material for that specific module. A video can be a recording of your lecture, a presentation by another subject matter

expert or demonstrating a process. Remember you do not have to create all your own videos. There is plenty out there you can use to enhance your topic.

  Assessment is critical in each module. You must make sure the students are not only looking at your content but comprehending it. You can do this in a variety of ways from quizzes, forum posts or activities. You might want to rotate how you do this each module to keep the students from getting bored.

Here is a suggested module layout;
1. Start off with introduction to the topic and outcomes in your own words. By personalizing it you will better connect with your students.
2. Give the readings for the module. You might want to highlight which points you want the students to take away from the readings.
3. Post the videos for the topic. You might want to consider more than one video for each topic. A personal one such as your lecture, a demonstration of the topic or another subject matter experts point of view. There are lots of videos out there so look around.
4. Assessment is vital. No matter which option you choose makes sure it covers all your contents and shows that the students are comprehending it. You can ask them to write a post discussing the readings and video.