Module 1:

1. Working with the MATLAB User Interface
   a. Reading data from files
   b. Saving and loading variables
   c. Plotting data
   d. Customizing plots
   e. Exporting graphics for use in other applications

Module 2:

Variables and Expressions
   a. Entering commands
      b. Creating numeric variables
      c. Creating character variables
      d. Making and annotating plots
      e. Getting help
      f. Accessing and modifying values in variables

Analysis and Visualization with Vectors
   a. Performing calculations with vectors
   b. Creating multiple plots

Module 3:

Automating Commands with Scripts
   a. Using the Command History
      b. Creating script files
      c. Running scripts
      d. Dividing code into sections
      e. Publishing scripts

Analysis and Visualization with Matrices
   a. Creating and manipulating matrices
      b. Performing calculations with matrices
      c. Calculating statistics with matrix data
      d. Visualizing matrix data
Module 4:

Dates and Times
a. Representing dates and durations
   b. Performing calculations with dates and durations
   c. Plotting with dates
   d. Extracting numeric components of dates and durations

Tables of Data
a. Storing data as a table
   b. Operating on tables
   c. Extracting data from tables
   d. Modifying tables

Conditional Data Selection
a. Logical operations and variables
   b. Finding and counting
   c. Logical indexing

Analyzing Data from Files
a. Importing from spreadsheets and delimited text files
   b. Dealing with missing data
   c. Plotting functions
   d. Customizing plots

Module 5:

Flow Control
a. Programming constructs
   b. User interaction
   c. Flow control
   d. Loops

Writing Functions
a. Creating functions
   b. Calling functions
   c. Setting the MATLAB path
d. Debugging with the MATLAB Editor

e. Using break points,

f. Creating and using structures