



COMPETENCE CHECK

Intent MASTERY

This course is designed to ensure a certain level of mastery and competence with the instructional content. It is critical that the learners master each step in order, as they will be building on those steps with each module. It encourages mastery by using a strict sequence with checks for understanding that must be passed.

WEEK 2

- Wk 2: Roadmap & Objectives 1
- LESSONS 2
 - Wk2: Textbook Reading - Chapter 3 & 4 View
 - Wk2-V1: Matlab scripts
 - Wk2-V2: input(), disp(), and fprintf()
 - Wk2-V3: User-defined Matlab functions
 - Wk2 Check for understanding Quiz-1 3
5 pts | Score at least 4.0
 - Wk2-V4: ECG example (Part-1)
 - Wk2-V5: ECG Example (Part-2)
 - Wk2-V6: switch() 4
 - Wk2-V7: if-elseif-else
- Wk2: Check for understanding Quiz-2
5 pts | Score at least 4.0
- Wk2-Example(V8): Blood Pressure
- ASSIGNMENTS
 - Learn from Matlab documentation 5
Jun 14, 2018 | 5 pts | Contribute
 - Wk2: Graded Quiz 6
Jun 15, 2018 | 8 pts | Submit
 - Wk2: Homework
Jun 17, 2018 | 100 pts | Submit
- SUMMARY
 - Wk2: Summary 7

1 Overview of the Week

The overview introduces learners to the sequence, objectives, assessments, and expectations of the module.

2 Instructional Materials

All the explicit instructional content is placed under the heading LESSONS. This forces engagement before allowing access to assessments.

3 Multiple Attempts

Check for Understanding quizzes unlock module components once learners reach a specific score. They do not count towards final grades.

4 Defined Sequence of Self-Contained Units

Each instructional video is focused on a clear subject to keep the time commitment low, and offer direct access for learners to review specific topics.

5 Mandatory Contribution

Learners are required to contribute to a discussion forum before gaining access to their main assessments for the module.

6 One Shot, After Practice Quizzes

Pulling questions from the same question banks as the Check for Understanding quizzes, these final one-attempt quizzes count towards final grades.

7 Wrap-Up of Module

Overarching questions about the module objectives encourage mastery through reflection and metacognition.