

ECE469 Spring 2019 Learning Objectives 1, 2, 3 and 4

The following shows a guideline for the mapping of questions in labs, quizzes, and exams to learning objectives. For each objective, if you satisfy one item, you satisfy that objective, i.e., this is an **OR** not an and relationship.

1. **Objective 1** (*An understanding of basic concepts of processes, process control, synchronization, scheduling*):
 - Lab 2 (Total 100 points)
 - Lab 3 (Total 100 points)
 - Midterm Exam questions I.(1)-(8), I.(15)-(16), II.d, II.c, II.e, III.a, III.e, IV, V (Total 64 points)
 - Quiz 1 (Total 3.3 points)
2. **Objective 2** (*An understanding of concepts and technologies in memory management, secondary and tertiary storage management, file systems, distributed and networked operating systems*):
 - Lab 4 (Total 100 points)
 - Lab 5 (Total 100 points)
 - Midterm Exam questions I.(9)-(14), II.a, II.c, III.b, III.c, III.d, VI (Total 46 points)
 - Quiz 2, 3 (Total 6.5 points)
 - Final Exam (Total 100 points)
3. **Objective 3** (*An ability to model and analyze the performance of OS components*):
 - Lab 3 question 4 (Total 10 points)
 - Quiz 2 questions 2 and 3 (Total 2 points)
 - Midterm Exam questions V, VI (Total 26 points)
 - Final Exam questions TBD (Total TBD points)
4. **Objective 4** (*An ability to design and modify components of an operating system*):
 - Lab 2 (Total 100 points)
 - Lab 3 (Total 100 points)
 - Lab 4 (Total 100 points)
 - Lab 5 (Total 100 points)

Some questions of labs and exams may actually be used to satisfy a few objectives. Lab 2, for example, may be used to satisfy both objective 1 and objective 4.

To find out whether you satisfy/have satisfied the objectives, do the following:

1. For a lab, add up the scores for all questions that correspond to a particular objective, and divide the total by the total of the maximum scores possible for those questions. You satisfy that objective if you average 40% or above. For example, the maximum total for Lab 3 for objective 1 is 100. You have to score a total of 40 or higher to satisfy objective 1 using your Lab 3.
2. For an exam or quizzes, add up the scores for all questions that correspond to a particular objective, and divide the total by the total of the maximum scores possible for those questions. You satisfy that objective if you average 40% or above.

You satisfy a particular objective if you satisfy that objective in at least one of the Exams **OR** quizzes **OR** in at least one of the labs. If you did not satisfy an objective, you have two more chances to satisfy that objective.

1. One is to average 60% or above for those questions pertaining to the objective in the final exam. Note the final exam may not contain questions pertaining to every objective.
2. You may also choose to work on the remediation homework for that objective, and submit it by **May 3, 2019, 5pm** (email or hand over to TAs). You satisfy the objective if you score 60% or above for that remediation homework. No extra credit will be given for these remediation homeworks. The remediation homeworks will be available on the course website.