

# REAL-TIME OPERATING SYSTEMS - 80169

[Dashboard](#) / [My courses](#) / [80169](#) / [Posix Threads](#) / [First Assignment](#)

## First Assignment

Dear all,

as Real-Time assignment please consider the following task:

- Start from the exercise "[Rate Monotonic - Periodic Tasks SolutionFile](#)"
- Modify the file in order to use the scheduling policy SCHED\_DEADLINE to schedule periodic tasks with EDF (no aperiodic tasks should be considered).

Please, check for instructions on how to use SCHED\_DEADLINE on the web by yourself (you should now be able to do that!).

If you have doubts, please do not hesitate to contact me.



Students that still do not have clear ideas about how to schedule periodic tasks (either because they skipped the first lessons or do not feel very confident with programming) should follow this agenda:

- Study slides about Real-Time Scheduling
- Study slides about Posix threads
- Perform the exercise about Rate Monotonic periodic scheduling
- Come to my office for explanations (not before studying slides!)

Best,

Antonio

## Submission status

<b>Submission status</b>	Submitted for grading	
<b>Grading status</b>	Not graded	
<b>Due date</b>	Tuesday, 12 November 2019, 11:00 PM	
<b>Time remaining</b>	Assignment was submitted 1 hour 34 mins early	
<b>Last modified</b>	Tuesday, 12 November 2019, 9:25 PM	
<b>File submissions</b>	<div>  <a href="#">code1.cc</a> 12 November 2019, 9:25 PM         </div> <div>  <a href="#">code2.cc</a> 12 November 2019, 9:25 PM         </div>	
<b>Submission comments</b>	<a href="#">▶ Comments (0)</a>	