ME 477 Embedded Computing in Mechanical Systems

Department of Mechanical Engineering
University of Washington
Winter 2019 — Version 2.0

<table>
<thead>
<tr>
<th>office</th>
<th>phone</th>
<th>e-mail</th>
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<th>day</th>
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<tbody>
<tr>
<td>Prof. Garbini</td>
<td>Lectures/Labs</td>
<td>meb 216</td>
<td>543-5399</td>
<td><a href="mailto:garbini@u.washington.edu">garbini@u.washington.edu</a></td>
</tr>
<tr>
<td>Kenneth Latimer</td>
<td>T.A.</td>
<td>meb 115</td>
<td><a href="mailto:latimk@uw.edu">latimk@uw.edu</a></td>
<td>1:30–2:20</td>
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class meets: MTWF, 11:30-12:20, LOW 105

prerequisites: ME 374 Systems Dynamic Analysis and Design


webpage: [http://courses.washington.edu/mengr477](http://courses.washington.edu/mengr477)

labs: There will be nine labs, each requiring a brief report. The lab (MEB 115) includes six identical lab stations, and is open (with access code) at all times, on all days. Please do not prop open the door.

experiment reports: You will submit each lab report (.pdf), along with your source code (.c), through the Assignments/Laboratories tab of the ME 477 Canvas webpage. See Laboratory Report Submission.

late reports: The grade will be reduced by 10% per workday late. Typically, labs will be assigned on a Friday, and are due through Canvas at 11:59 PM on the subsequent Friday. The window to submit a lab will open Saturday morning. It is essential that students reach acceptable levels of mastery for each lab so that they can move on to new material. For the sake of equity and fairness, all students will have the same amount of time to demonstrate their mastery of assignments. Therefore, late reports will be penalized 10% per day. A report submitted after 11:59 PM Friday and before 11:59 PM Monday is one day late. The maximum late penalty is 50%. You must submit a report for each of the nine labs to pass this course.

exams: There will be one mid-term exam and a final.

grades: homework & labs, 45%
mid-term exam, 20%
final exam, 35%

**In addition**: Bringing food or drink of any kind into any part of the lab (MEB 115) at any time will result in a failing grade in this class. No exceptions.

first day: Monday, January 7, 2019

holidays: Monday, Jan 21, 2019, Martin Luther King Day
Monday, Feb 19, 2019, Presidents Day

last day: Friday, Mar 15, 2019

final exam: 2:30-4:20 PM, Wed, March 20, 2019, LOW 105