MQ-2 on Monday, Feb. 21
at 6:30 pm
Covering Chapters 13 (osmosis…), 14, and 15

Review session on Sunday, Feb 20
at 1:00 pm – 3:00 pm
in Stillman 100

Alternate Exam time for students
with scheduled class conflicts:
5:00 – 6:20 pm in 159 MacQuigg Labs
sign up by email to mathews
Second MQ exam – Chem 122
Monday, 21 February
6:30 pm

<table>
<thead>
<tr>
<th>LAB INSTRUCTOR</th>
<th>LOCATION</th>
</tr>
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<tbody>
<tr>
<td>Christopher Beekman*</td>
<td>250 Knowlton Hall</td>
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<tr>
<td>Chitanya Patwardhan</td>
<td>“</td>
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<tr>
<td>Ramesh Sharma</td>
<td>“</td>
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<tr>
<td>Mark Lobas</td>
<td>180 Hagerty Hall</td>
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<tr>
<td>Edwin Motari*</td>
<td>“</td>
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<tr>
<td>Roxana Sierra</td>
<td>“</td>
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<tr>
<td>Lin Sun</td>
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<tr>
<td>All Others</td>
<td>131 Hitchcock Hall</td>
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</tbody>
</table>

Knowlton Hall - 2073 Neil Avenue
Hitchcock Hall - 2070 Neil Avenue
Hagerty Hall - 1775 College Rd
Some Useful information

gas constant \( R = 0.08206 \text{ L-atm/mol-K} \)

\[ = 8.314 \text{ J/mol-K} \]

for water at 25 °C \( K_w = 1.00 \times 10^{-14} \)

Arrhenius equation, \( \ln k = \ln A - \frac{E_a}{RT} \)

The quadratic equation \( ax^2 + bx + c = 0 \)

has the solutions

\[ x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \]