TEXT:

Section 1011 (section 6):
Instructor: Ryan Lim Pangilinan
Email: Ryan.Pangilinan@qc.cuny.edu

Lab Coordinator: Ms. O. Binyaminov. Office: RE 206-B. Email: Olga.Binyaminov@qc.cuny.edu

*See below (under required tools and registration) for registration instructions.

Course description:

Introduction to a variety of basic chemistry methods including density, reactivity, and titration used to examine chemical reaction processes.

Grading

Pre-Lab Assignment: 15%

Pre-lab assignment must be completed and submitted on Connect prior to the beginning of the class, as indicated by the due dates on the Connect sites.

In addition you are expected to be familiar with the general topic of the lab that is going to be discussed.

Virtual (Asynchronous) / Online Video (EdPuzzle) (Synchronous) Labs: 40%

You will still meet with your lab instructor at the time of your scheduled session, and will receive further instructors regarding either of the labs. All labs are recorded videos, that you will be watching on EdPuzzle. A link to the video is already uploaded in Google Classroom. During the video you will be asked questions that will be graded as your report. You will need to use the data provided to you by your instructor while watching the video. It will be graded by your instructor and edited to your gradebook.

Post-Lab Assignment: 15%

Post-lab assignment must be completed and submitted on connect after the lab is done and prior to next lab meeting.

Weekly Quizzes: 20%

You will have a quiz for each preformed lab on the following session. Each quiz will start at the beginning of your session time and will be 30 min long. Be on time to get the full time, otherwise your quiz will end exactly after 30 min from the time the class started.
Quizzes are all on Connect and you **must** be live on zoom to take it. It is required that you follow the setup below while taking a quiz. If there are any issues doing so, you must notify your instructor in advance, and follow the alternative assignment.

**No makeup** is given for missed quizzes.

Below is the required setup during the quizzes.

---

**Lab class participation in synchronous and asynchronous scheduled meetings: 10%**

You will be graded on your class performance, and it is 10% of your lab grade. These 10% include your participation in online sessions and discussions.
Required tools and accounts:

- **Zoom account:**
  Go to zoom.us, and register for a free account. When joining a meeting, click on join a meeting tab, and enter the meeting ID above. Alternatively, you may use the following link:
  [https://us02web.zoom.us/j/84081474013?pwd=Q1Y5T2xxbElwdEVITllyY0NWVm15dz09](https://us02web.zoom.us/j/84081474013?pwd=Q1Y5T2xxbElwdEVITllyY0NWVm15dz09)
  Meeting ID: **840 8147 4013**
  Password: **266172**

- **An active Queens College email account**

- **Connect account:**
  Code: E9ZP-HTBW-T8UC-F767-NFUJ
  Connect (McGraw Hills) account is used for Virtual Labs and LearnSmart Asynchronous labs. You will also have some pre and post assignments posted on Connect, as listed on syllabus.
  To register, go to [https://connect.mheducation.com](https://connect.mheducation.com)

  You can also register to the class directly using the following URL:

- **Google Classroom Registration:**
  Go to [gdrive.qc.cuny.edu](http://gdrive.qc.cuny.edu)
  Login with your CAMS account (looks like jsmith100,) if you have forgotten your username or password- go here: [cams.qc.cuny.edu](http://cams.qc.cuny.edu)
  (Accept terms and conditions if it's your first time logging in).

  Go to [Classroom.google.com](https://classroom.google.com), (Identify as a student).

  Click the + button on the top right.

  Add the course code. The code for this class is “bis3ynk”

  **Troubleshooting**-
After logging in, it won't let you add the class.
A: Sometimes it switches you back to your personal Google account if you have more
than one logged in at a time. Open the account switcher by clicking on your initial or
profile picture in the top right and enter your QC account.

If you do not know CAMS account/password, go to cams.qc.cuny.edu and click forgot
Username or Password.

Additional assistance can be provided by the Help Desk (contact information listed on
Google Classroom.

REASONABLE ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES
Candidates with disabilities needing academic accommodation should: 1) register with and provide
documentation to the Special Services Office, Frese Hall, Room 111; 2) bring a letter indicating the
need for accommodation and what type. This should be done during the first week of class. For
more information about services available to Queens College candidates, visit the website, or
contact: Special Service Office; Director, Miriam Detres-Hickey, Frese Hall, Room 111; 718-997-
5870 (Monday – Thursday 8:00 a.m. to 5:00 p.m. & Friday 8:00 a.m. to 4 pm.).

CUNY POLICY ON ACADEMIC INTEGRITY
Academic Dishonesty is prohibited in The City University of New York and is punishable by
penalties, including failing grades, suspension, and expulsion as provided at
https://www.cuny.edu/about/administration/offices/legal-affairs/policies-procedures/academic-
integrity-policy/. Please read this document, paying careful attention to the sections on plagiarism
and Internet plagiarism. If you are not sure how to cite work you have found on the internet, please
review the APA Guidelines provided by the Purdue OWL.

Cameras during class and exams:

- In a quiz, you are asked to leave cameras on. If you decide to opt out, you will be offered a reasonable
  alternative assessment.

- Camera use during exams can be required, if this requirement is disclosed in advance of students
  registering for the class. If you plan to require the use of cameras during exams in your winter or spring
courses, please notify your department chair in advance, as it is important that we provide students with at
least one or two sections which do not require cameras.

Tentative Schedule:
The instructor can make changes to the syllabus and the students will be notified in writing of such changes.

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Experiment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>February 2</td>
<td>Check-in, #1 – Lab Safety, How to use a Bunsen Burner</td>
</tr>
<tr>
<td>2</td>
<td>February 9</td>
<td>#2 – Lab Skills (Measurement)</td>
</tr>
<tr>
<td>3</td>
<td>February 16</td>
<td>#3 – Conversion Factors</td>
</tr>
<tr>
<td>4</td>
<td>February 23</td>
<td>#4 – Density Determination</td>
</tr>
<tr>
<td>5</td>
<td>March 2</td>
<td>#5 – Determination of the formula of a Metal Oxide</td>
</tr>
<tr>
<td>6</td>
<td>March 9</td>
<td>#6 – Water of hydration</td>
</tr>
<tr>
<td>7</td>
<td>March 16</td>
<td>#7 - Calorimetry</td>
</tr>
<tr>
<td>8</td>
<td>March 23</td>
<td>#8A - Types of Reactions – Reactions in Solution</td>
</tr>
<tr>
<td>9</td>
<td>April 6</td>
<td>#8B - Types of Reactions – Reactions in Solution</td>
</tr>
<tr>
<td>10</td>
<td>April 13</td>
<td>#9 – Kinetics - Factors affection Rate of Reactions</td>
</tr>
<tr>
<td>11</td>
<td>April 20</td>
<td>#10 – Equilibrium</td>
</tr>
<tr>
<td>12</td>
<td>April 27</td>
<td>#11 – Gas Laws</td>
</tr>
<tr>
<td>13</td>
<td>May 4</td>
<td>#12 – Analysis of Vinegar by Titration</td>
</tr>
<tr>
<td>14</td>
<td>May 11</td>
<td>Check-out/Final Quiz</td>
</tr>
</tbody>
</table>

**Important Dates:**

- February 12- Lincoln’s Birthday – No Classes
- February 15 – President’s Day - No Classes
- March 27-April 4 – Spring Recess - No Classes