Contact Information

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**Instructor:** Dr. Rodriguez ([nrodriguez14@utep.edu](mailto:nrodriguez14@utep.edu))
**Office Hours:** by appointment*

**CRNs:** 31056 and 35072
**Instructor:** Dr. Sharma ([hsharma@utep.edu](mailto:hsharma@utep.edu))
**Office Hours:** by appointment*

*Students must send an email requesting office hours, a Zoom link will be provided via email

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<thead>
<tr>
<th>CRNs</th>
<th>TA Name</th>
<th>Email</th>
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<tbody>
<tr>
<td>30794</td>
<td>Kazi Saima Banu</td>
<td><a href="mailto:kbanu@miners.utep.edu">kbanu@miners.utep.edu</a></td>
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<td>Laila Noor</td>
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<td>June 7</td>
<td>Laboratory Safety <em>(Ch 1)</em> - Introducing 2124 Bb shell</td>
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<td>June 8</td>
<td>Melting Points <em>(8.4 A)</em></td>
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<td>June 9</td>
<td>IR <em>(Ch 13)</em> &amp; NMR Lectures <em>(Ch 15)</em></td>
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<td>June 14</td>
<td>Crystallization <em>(8.4 B)</em> &amp; IR</td>
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<td>Simple &amp; Fractional Distillation <em>(5.4 A &amp; B)</em> &amp; IR</td>
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<td>June 16</td>
<td>Extraction <em>(9.7 D)</em> &amp; Sublimation <em>(8.3)</em></td>
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<td>June 21</td>
<td>Thin Layer Chromatography <em>(10.7 C)</em></td>
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<td>June 22</td>
<td>S$_{N}$1 Reaction-Synthesis of tert-Butyl Chloride <em>(18.3 C)</em></td>
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<td>June 23</td>
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<td>June 28</td>
<td>Synthesis of Aspirin <em>(49.2 A)</em></td>
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<td>June 29</td>
<td>E1 Reaction-Synthesis of Cyclohexene <em>(21.5 A)</em> &amp; NMR</td>
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Important Dates

- June 6th  Classes begin
- June 7th  First day of OChem Labs
- June 8th  Census Day
- June 24th Drop/Withdrawal Deadline
- June 30th Last day of classes
- July 1st  Final Exams

Course Objectives

1. Knowing the hazards of each laboratory, including how to mitigate risks.
2. Understanding all the chapters and concepts, not just the experimental procedure.
3. Developing the ability to draw and understand all structures and mechanisms for each lab.
4. Being able to apply a given mechanism to other reagents.
5. Understanding which fundamental mechanism you are applying (Addition, Elimination, or Substitution) as well as the stereochemical consequences.
6. Understanding whether a compound/reagent is oxidized or reduced.
7. Being able to calculate the yield of a product, and understanding:
   a. structure to formula conversion
   b. formula to molecular weight conversion
   c. mL to grams conversion via density and vice-versa
   d. grams to moles conversion
   e. What is the limiting reagent?
   f. What is the stoichiometry of the reaction?
8. Understanding why a particular procedure was followed.
Course Expectations

Students are expected to have read the experiment content in the Wilcox/Wilcox textbook in advance and prepared for the weekly Pre-Lab Quizzes, the Post-Lab Reports, and the lab activity of the day. On the first day, you should have access to your 2124 Blackboard and eventually your Pre-Lab and Post-Lab Reports throughout the semester.

Required Materials

1. The Wilcox & Wilcox textbook or access to the online excerpts of this text.
2. Goggles (not safety glasses). A seal should form around your eyes.
3. Pants (not shorts). Your legs must be covered.
4. Shoes (not sandals). Your feet must be completely covered.
5. A lab coat.
*You will be turned away and earn a zero in attendance for missing safety attire!

Excerpts from the Wilcox & Wilcox textbook relevant to the CHEM 2124 lab can be accessed online at the UTEP library course reserves. The instruction on how to find access is available on Blackboard under Syllabus/Course Info menu. The following URL is the link to the course reserves:

https://utep.primo.exlibrisgroup.com/discovery/search?query=any.contains,CHEM%202124&tab=CourseReserves&search_scope=CourseReserves&sortby=author&vid=01UTEP_INST:01UTEP&lang=en&offset=0

**Course Assessment**

**Grading Scale**

A > 90%, B > 80%, C > 70%, D > 60%, F < 60%

**Grade Breakdown**

Your grade will consist of the following:

1. 50% Attendance. You must fully participate in the lab.
2. 25% Online Pre-lab Quizzes posted on Blackboard.
3. 25% Online Post-lab Quizzes posted on Blackboard.
Attendance
Students who miss a lab will lose 100% credit for that week unless previously discussed with the instructor of record. Proper medical documentation or proof of a university-sanctioned event must be provided for an excused absence. Your TA may offer a makeup lab at another time in the same week he/she runs. However, you will be responsible to make the initial request to your instructor of record and TA, as well as following up with your TA to make sure you have received credit for your “Attendance Grade” in your section. *Make-up labs are not always possible due to limited lab capacities.

Quizzes Description
Pre-Lab and Post-Lab quizzes will open Monday at 12 am MST and close Sunday at 11:59 pm MST of the same week. Therefore, you will have a whole week to complete them.

✦ The quiz questions are mostly multiple-choice, multiple answers, or matching.
✦ Students will get 3 attempts and the last graded attempt will be recorded. Three attempts are set in place in case your internet connection fails, so you have two more attempts to do the quiz.
✦ You will not be forced to complete a quiz/report once you start it, and there is no timer for it. Nonetheless, you should save each question if you decide to stop working on it.
✦ After the due date, students can see the correct answers for the quiz/report.
✦ Quizzes/Reports Due Dates and Times are in MST.

Note: Use your time wisely, focus on securing a good grade by attending all the labs and doing all the quizzes on time. Nothing can be done to improve your grade at the end of the semester!
Important!
✦ If a student misses a Pre-Lab Quiz or a Post-Lab Report, there is no way of making it up.
✦ It is the student’s responsibility to check whether they have successfully submitted a quiz.
✦ It is strongly recommended NOT to wait until the last hour to submit a quiz.
✦ Last-minute excuses like 'Computer freeze' or 'Internet outage' will NOT be accepted.
✦ The instructor will NOT reopen a quiz once you failed to submit it on time or after the due date.
✦ No excuses will be accepted other than:
  • You (not a family member) are seriously sick, and you have a letter from your physician confirming so.
  • You are participating in activities related to UTEP.
✦ If a student wishes to receive a "W" for the course, it is their responsibility to drop the course before the drop date, 6/24/2022.
✦ The content of this syllabus is tentative and subject to slight variations.
Scholastic Integrity

Academic dishonesty is prohibited and is considered a violation of the **UTEP Handbook of Operating Procedures**.

The UTEP Handbook of Operating Procedures includes, but is not limited to, cheating, plagiarism, and collusion. **Cheating** may involve copying from or providing information to another student, possessing unauthorized materials during a test, or falsifying research data on laboratory reports. **Plagiarism** occurs when someone intentionally or knowingly represents the words or ideas of another as one’s own. **Collusion** involves collaborating with another person to commit any academically dishonest act.

Any act of academic dishonesty attempted by a UTEP student is unacceptable and will not be tolerated. All suspected violations of academic integrity at The University of Texas at El Paso must be reported to the **Office of Student Conduct and Conflict Resolution (OSCCR)** for possible disciplinary action.

To learn more, visit **HOOP: Student Conduct and Discipline**.
Technology Requirements

Ensure you have access to a web browser such as Microsoft Edge, Google Chrome, or Mozilla Firefox. These browsers work best with Blackboard; others may cause complications. Before you attempt to take a Blackboard quiz, confirm you have a stable internet connection (wired, preferably). If you encounter an issue during your quiz, try the following steps:

- Check your browser compatibility
- Update your browser
- Clear your history and cache

If you encounter further issues, contact UTEP’s Help Desk. Provide them with a screenshot showing the error, the CRN of your course, and an explanation of what you are experiencing. This information will expedite the troubleshooting process.
COVID-19 Precaution Statement

Please stay home if you have been diagnosed with COVID-19 or are experiencing COVID-19 symptoms. If you are feeling unwell, let your instructor of record and TA know as soon as possible, so we can work on appropriate accommodations.

If you have tested positive for COVID-19, you are required to report your results to covidaction@utep.edu, so the Dean of Students Office can support you and help communicate with your professors. The Student Health Center is equipped to provide COVID-19 testing.

The Center for Disease Control and Prevention recommends that people in areas of substantial or high COVID-19 transmission wear face masks when indoors in groups of people. This is the case in the Organic Chemistry Teaching Lab; therefore, please follow the CDC’s recommendation and wear a facial mask during the entire lab period, if possible, an N95 facial mask.

The best way that Miners can take care of Miners is to get the vaccine. If you still need the vaccine, it is widely available in the El Paso area. For more information about the current rates, testing, and vaccinations, please visit epstrong.org.