

## Checklist for Test 1 Alcohol Chemistry, Grignard Reactions, Retrosynthesis

- You may find it helpful to print or download the checklist, and mark things off as you complete them.
- Completing them as sequenced on the lectures website would be efficient.
- <http://web.mnstate.edu/jasperse/Online/Lectures360online.html#test1>

### 1. Lectures: Completed Lecture Videos (1-10) and Studied/Mastered the Lecture Content

- <http://web.mnstate.edu/jasperse/Online/Lectures360online.html#test1>
- Reviewed and studied the content so that I can remember and apply it! ☺

### 2. Completed Achieve/Sapling (4 assignments, required for points toward grade)

- <https://achieve.macmillanlearning.com/>
- Training Assignment/Videos
- Drawing Tips and Shortcuts
- Ch 10 Structure and Synthesis of Alcohol. Including Grignard Reactions
- Ch 11 Reactions of Alcohols

### 3. Completed/mastered four extra Practice Sets (4 sets, not required for points towards grade)

- <http://web.mnstate.edu/jasperse/Online/chem360online.htm#test1>
- Mechanisms Basics Review-Practice (practice, review, basic principles)
- Retrosynthesis Problems
- Acid-Base Practice
- Mechanisms Problems (specific Test 1-oriented practice mechanisms)

### 4. Completed 1 Quizzes. (Required for points towards grade).

- <http://web.mnstate.edu/jasperse/Online/Quizzes360Online.html>
- Quiz 1

### 5. Completed/mastered 4 Practice Tests (Not required for points towards grade)

- <http://web.mnstate.edu/jasperse/Chem360/Practice%20Tests/Chem360PracticeTests.html>
- Practice Test 1
- Practice Test 2
- Practice Test 3
- Practice Test 4

### 6. Done recommended Book Problems (Not required for points towards grade)

- <http://web.mnstate.edu/jasperse/Online/BookProblems360.pdf>

### 7. Studied and Studied and Practiced and Studied and Practiced a Lot!

### 8. Read/Skimmed recommended Book Sections (Not required for points towards grade)

- <http://web.mnstate.edu/jasperse/Online/BookReadings360-online.pdf>

### 9. Test /Proctor Arrangements. If not testing with Jasperse at MSUM, then have arranged for a proctor, and have sent proctor information to Dr. Jasperse (jasperse@mnstate.edu)

- Name
- Email address
- Phone
- Website
- Job Position

## **Checklist for Test 2. NMR.**

- You may find it helpful to print or download the checklist, and mark things off as you complete them.
- Completing them as sequenced on the lectures website would be efficient.
- <http://web.mnstate.edu/jasperse/Online/Lectures360online.html#test2>

### **1. Lectures: Completed Lecture Videos (10-16) and Studied/Mastered the Lecture Content**

- <http://web.mnstate.edu/jasperse/Online/Lectures360online.html#test2>
- **Reviewed and studied the content** so that I can remember and apply it! 😊

### **2. Complete Achieve/Sapling (1 assignments, required for points toward grade. This is much longer than usual one, though.)**

- <https://achieve.macmillanlearning.com/>
- Ch 13 NMR

### **3. Complete/master one massive extra Practice Set (1 set, not required for points towards grade)**

- <http://web.mnstate.edu/jasperse/Online/chem360online.htm#test2>
- Jasperse NMR Problems (>40 pages)

### **4. Complete/master 4 Practice Tests (Not required for points towards grade)**

- <http://web.mnstate.edu/jasperse/Chem360/Practice%20Tests/Chem360PracticeTests.html>
- Practice Test 2 Version 1
- Practice Test 2 Version 2
- Practice Test 2 Version 3
- Practice Test 2 Version 4

### **5. Do recommended Book Problems (Not required for points towards grade)**

- <http://web.mnstate.edu/jasperse/Online/BookProblems360.pdf>

### **6. Studied and Studied and Practiced and Studied and Practiced a Lot!**

### **7. Skim recommended Book Sections (Not required for points towards grade)**

- <http://web.mnstate.edu/jasperse/Online/BookReadings360-online.pdf>

### **8. Plan test date and make any arrangements required.**

### **Checklist for Test 3. Carbonyl Chemistry (Aldehydes, Ketones, Enolate Chemistry)**

- You may find it helpful to print or download the checklist, and mark things off as you complete them.
- Completing them as sequenced on the lectures website would be efficient.
- <http://web.mnstate.edu/jasperse/Online/Lectures360online.html#test3>

#### **1. Lectures: Completed Lecture Videos (17-29) and Studied/Mastered the Lecture Content**

- <http://web.mnstate.edu/jasperse/Online/Lectures360online.html#test3>
- Reviewed and studied the content so that I can remember and apply it! 😊
- Viewed several Supplementary Videos (See lectures website)

#### **2. Complete Achieve/Sapling (2 assignments, required for points toward grade)**

- <https://achieve.macmillanlearning.com/>
- Ch 18 Ketones and Aldehydes
- Ch 22 Enolate Chemistry

#### **3. Complete/master two extra Practice Sets (2 sets, not required for points towards grade)**

- <http://web.mnstate.edu/jasperse/Online/chem360online.htm#test3>
- Mechanism Practice (Many) Test 3
- Retrosynthesis Practice Test 3

#### **4. Completed 1 Quizzes. (Required for points towards grade).**

- <http://web.mnstate.edu/jasperse/Online/Quizzes360Online.html>
- Quiz 2
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#### **5. Complete/master 3 Practice Tests (Not required for points towards grade)**

- <http://web.mnstate.edu/jasperse/Chem360/Practice%20Tests/Chem360PracticeTests.html>
- Practice Test 3 Version 1
- Practice Test 3 Version 2
- Practice Test 3 Version 3

#### **6. Do recommended Book Problems (Not required for points towards grade)**

- <http://web.mnstate.edu/jasperse/Online/BookProblems360.pdf>

#### **7. Studied and Studied and Practiced and Studied and Practiced a Lot!**

#### **8. Skim/Read recommended Book Sections (Not required for points towards grade)**

- <http://web.mnstate.edu/jasperse/Online/BookReadings360-online.pdf>

#### **9. Plan test date and make any arrangements required.**

## **Checklist for Test 4. Amines, Carboxylic Acids, and Acid Derivatives**

- You may find it helpful to print or download the checklist, and mark things off as you complete them.
- Completing them as sequenced on the lectures website would be efficient.
- <http://web.mnstate.edu/jasperse/Online/Lectures360online.html#test4>

### **1. Lectures: Completed Lecture Videos (29-38) and Studied/Mastered the Lecture Content**

- <http://web.mnstate.edu/jasperse/Online/Lectures360online.html#test4>
- **Reviewed and studied the content** so that I can remember and apply it! ☺
- Viewed several Supplementary Videos (See lectures website)

### **2. Complete Achieve/Sapling (2 assignments. The first is required for points toward grade. The second one is NOT required and will not count toward your grade.)**

- <https://achieve.macmillanlearning.com/>
- Ch 19 Amines
- Ch 20,21 Carboxylic Acids, Esters, Amides, Acid Chlorides (practice, not for points)

### **3. Complete/master three extra Practice Sets (3 sets, not required for points towards grade)**

- <http://web.mnstate.edu/jasperse/Online/chem360online.htm#test4>
- Acid-Base Practice (Easy)
- Acid-Base Practice (Less Easy)
- Mechanisms, Retrosynthesis + Synthesis Design

### **4. Complete/master 3 Practice Tests (Not required for points towards grade)**

- <http://web.mnstate.edu/jasperse/Chem360/Practice%20Tests/Chem360PracticeTests.html>
- Practice Test 4 Version 1
- Practice Test 4 Version 2
- Practice Test 4 Version 3

### **5. Do recommended Book Problems (Not required for points towards grade)**

- <http://web.mnstate.edu/jasperse/Online/BookProblems360.pdf>

### **6. Studied and Studied and Practiced and Studied and Practiced a Lot!**

### **7. Skim/Read recommended Book Sections (Not required for points towards grade)**

- <http://web.mnstate.edu/jasperse/Online/BookReadings360-online.pdf>

### **8. Plan test date and make any arrangements required.**