**Chemistry II – AP Spring 2017**

**Tentative Schedule: 5/1/2017 – 6/9/2017**

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| **Date** | | **Classwork** | **Homework** |
| 5/1 | M | **Advanced Placement Chemistry Exam**  Arrive at 7:30 am  Send picture confirmation to Davis! | Relax…… |
| 5/2 | T | Independent AP Exam Study |  |
| 5/3 | W | Start Notes – Intro Organic Chemistry   * Intro / Review of line drawings / naming * Newman projections   Group Work: Newman Projections PS | Intro Organic Chem PS  Newman Projection PS |
| 5/4 | H | Notes – Cyclic Compounds   * Conformations and Chair representations * Equatorial and axial locations   Group Work: Chair Conformations PS | Chair Conformation PS |
| 5/5 | F | Notes – Properties of Alkanes   * Physical and Chemical (Reactions) * Stereochemistry & Fisher Projections   Group Work: Properties of Alkanes PS | Props of Alkanes PS |
| 5/8 | M | Finish Notes – Intro Organic Chemistry   * Continue Stereochem & Fisher Projections | Complete Props of Alkanes PS |
| 5/9 | T | Independent Study (7) |  |
| 5/10 | W | Independent Study (5) |  |
| 5/11 | H | **Group Quiz – Intro Organic Chemistry (GIC)**  Start Notes – Mechanistic Chemistry   * Substitution reactions * Nucleophiles & Electrophiles   Group Work: Intro Mech PS | Intro Mech Chem PS |
| 5/12 | F | Notes – Substitution Reactions   * SN2 vs. SN1 Reaction Mechanisms * Cyclic compounds * Tosylation   Group Work: Mech Chem PS #1 | Mech Chem PS #1 |
| 5/15 | M | Notes – Alkene Chemistry   * Preparation of Alkenes (A) * Addition of HX and H2O (B) * Markovnikov’s Rule   Group Work: Mech Chem PS #1 | Mech Chem PS #1 |
| 5/16 | T | **Test – Introduction to Organic Chemistry** |  |
| **Date** | | **Classwork** | **Homework** |
| 5/17 | W | Notes – Alkenes   * Anti-Markovnikov additions (C) * Addition of X2, Mercuryation, Epoxidation (D)   Group Work: Mech PS #1 |  |
| 5/18 | H | Notes – Alkenes   * Oxidation of Alkenes (E) * Miscellaneous Reactions (F): Catalytic Hydrogenation & Diels-Alder reactions   Group Work: Mech Chem PS #1 |  |
| 5/19 | F | Notes – Alkyne Chemistry   * Preparation of Alkynes * Lindlar’s catalyst * Prepare Reaction Wheel   Notes – Synthetic Chemistry  Group Work: Mech Chem PS #2 |  |
| 5/22 | M | **Group Quiz – Mechanistic Chemistry**  Mechanistic Chemistry Workday |  |
| 5/23 | T | **Lab – Preparation of Acetylsalicyclic Acid** |  |
| 5/24 | W | **Lab – Preparation of Acetylsalicyclic Acid**  Discuss lab results / possible mechanism for ketone addition |  |
| 5/25 | H | Mechanistic Chemistry Workday |  |
| 5/26 | F | **Test – Mechanistic Chemistry** |  |
| 5/29 | M | **No School – Memorial Day** |  |
| 5/30 | T | Lab Shutdown |  |
| 5/31 | W | Lab Shutdown |  |
| 6/1 | H | Lab Shutdown |  |
| 6/2 | F | Lab Shutdown |  |
| 6/5 | M | **First Period Final Exam** |  |
| 6/6 | T | **Second Period Final Exam** |  |
| 6/7 | W | **Third Period Final Exam** |  |
| 6/8 | H | **Fourth Period Final Exam** |  |
| 6/9 | F | **Last Day of School**  Final Exam Make-Up Day  Have a great Summer Break |  |