

**FALL 2015 SEMESTER  
224 Laboratory Assignments**

| Week  | Experiment No.        | MTOL (pgs)                       | CER No. (pgs)                       | Pre-Lab Due          | Post-Lab Due                | Lab Writeup Due     |
|---|-----------------------|----------------------------------|-------------------------------------|----------------------|-----------------------------|---------------------|
| 1   | Intro/Check-in        | Chpts 1-3                        | TECH-700 (1-6)<br>TECH-702          | ---                  | ---                         | ---                 |
| 2   | Distillation          | Chpts 3<br>72-79, 49-52<br>52-56 | Syllabus #1<br>TECH-701<br>TECH-702 | TECH-700<br>TECH-701 | Safety Contract<br>(page 9) | ---                 |
| 3   | Labor Day             | No Lab                           |                                     |                      |                             |                     |
| 4   | Caffeine Extr.        | 94-108                           | SYNT-732                            | SYNT-732             | ---                         | Distillation        |
| 5   | Continue              | 142-144                          | SYNT-732                            | ---                  | ---                         | ---                 |
| 6   | TLC                   | 125-128                          | TECH-707                            | TECH-707             | SYNT-732                    | Caffeine Extr.      |
| 7   | Crystallization       | 110-118                          | TECH-703<br>TECH-701 (1-5)          | TECH-703             | TECH-707                    | TLC                 |
| 8   | <b>Mid-Term Exam*</b> | ---                              | CLC homework                        | ---                  | TECH-703                    | Crystallization     |
| <b>*Common Midterm Exam, Wednesday, Oct. 14, Rm. G3 Schrenk, 7:00-9:00 pm (confirmed)</b> |                       |                                  |                                     |                      |                             |                     |
| 9   | Kinetics/Solvolysis   | Solomons* 237-264                | KINE-733                            | KINE-733             | ---                         | CLC homework        |
| 10  | Alcohol Dehydration   | Solomons 297-306                 | REAC-712                            | REAC-712             | KINE-733                    | Kinetics            |
| 11  | Continue Exp. #6      | ---                              | TECH-709                            | TECH-709             | ---                         | ---                 |
| 12  | Alkene Bromination    | Solomons 354-359                 | SYNT-719                            | SYNT-719             | REAC-712                    | Alcohol Dehydration |
| 13  | Diels-Alder           | Solomons 616-623                 | SYNT-717                            | SYNT-717             | SYNT-719                    | Alkene Bromination  |
| 14  | Thanksgiving          | No Lab                           |                                     |                      |                             |                     |
| 15  | Polymerization        | Solomons 486-90, 817-18          | Syllabus #9                         | Syllabus #9          |                             | Diels-Alder         |
| 16  | <b>Final Exam*</b>    | Lab Check-out                    | ---                                 | ---                  | ---                         | Polymerization      |

**\*Common Final Exam, Wednesday, Dec. 9, Rm. G3 Schrenk, 7:00-9:00 pm (confirmed)**

You must check out even if you drop the course. Failure to check out will result in a \$25.00 fine.