
(BS=3.5,ET=0.0,MA=0.0)**Scope:**

2010-2

Offerings:

2013-2 2014-2 2015-2

The reactions of the important functional groups are explored: conjugated alkenes; aldehydes; ketones; carboxylic acids; and amines. The concept of aromaticity is explored and its mechanistic implications are developed. Selected topics in carbohydrate and lipid chemistry are also studied. Functional group interconversions and synthetic strategy are presented. The laboratory capstone synthesis introduces cadets to multi-step synthetic sequences.

Lessons: 35 @ 80 min (3.000 Att/wk)**Labs:** 12 @ 120 min**Special Requirements:****None Prerequisite(s):**

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