

**Ankara University
Library and Documentation Center**

Open Courseware

Working Plan

Weeks	Topics
Week 1	An Introduction to Organic Reactions <ul style="list-style-type: none"> ○ Outline of Organic Reaction Types
Week 2	General Aspects of Certain Name Reactions <ul style="list-style-type: none"> ○
Week 3	Aromaticity and Aromatic Substitution Reactions <ul style="list-style-type: none"> ○ Reactions and Their Mechanisms
Week 4	Nucleophilic Substitution and Elimination Reactions <ul style="list-style-type: none"> ○ Reactions and Their Mechanisms
Week 5	Cycloaddition Reactions <ul style="list-style-type: none"> ○ Reactions and Their Mechanisms
Week 6	Electrophilic Additions to carbon-carbon and carbon-oxygen Bonds <ul style="list-style-type: none"> ○ Reactions and Their Mechanisms
Week 7	Oxydation and Reduction <ul style="list-style-type: none"> ○ Reactions and Their Mechanisms
Week 8	Introduction to Drug Synthesis <ul style="list-style-type: none"> ○ ○
Week 9	Carbohydrates <ul style="list-style-type: none"> ○ ○ ○
Week 10	Proteins <ul style="list-style-type: none"> ○
Week 11	Lipids <ul style="list-style-type: none"> ○
Week 12	Introduction to Spectroscopy <ul style="list-style-type: none"> ○ UV and IR Spectrophotometry
Week 13	Nuclear Magnetic Spectroscopy <ul style="list-style-type: none"> ○
Week 14	Mass Spectroscopy <ul style="list-style-type: none"> ○ Exercises ○ Exercises ○ Exercises