| ASSESSMENT: | Summative: | |
|---|---|------|
| | 1 st assessment: Midterm examination, (Multiple choice/short answers/matching /short essay questions, exercises) | 40% |
| | 2 nd assessment: Portfolio (Exercises, problems aiming to prepare students for their first and final assessments) | 10% |
| | Final assessment: Final examination, (Multiple choice/short answers/matching /short essay questions, exercises) | 50% |
| | Formative: | 0 |
| | Multiple homework quizzes and worksheets | 0 |
| | The formative assessment aims to prepare examinations. The 1 st assessment tests Learning Outcomes 1, 2 an The 2 nd and Final assessments tests Learning Outco | nd 3 |
| INDICATIVE READING: | T. W. Graham Solomons, Craig B. Fryhle and Scott A. Snyder, Organic Chemistry, 13th Edition, ISBN: 9781119801290, Wiley. | |
| | RECOMMENDED READING: Francis Carey and Robert Giuliano, Organic Chemistry, 11th Edition, ISBN: 9781260568806, McGraw Hill. Graham Patrick, BIOS Instant Notes in Medicinal Chemistry, 1st Edition, ISBN: 9780429524318, Taylor & Francis. | |
| INDICATIVE MATERIAL: (e.g. audiovisual, digital material, etc.) | REQUIRED MATERIAL: Scientific Calculator | |
| | RECOMMENDED MATERIAL: Organic Chemistry Model set | |
| COMMUNICATION REQUIREMENTS: | Verbal and written skills using academic / professional English | |
| SOFTWARE REQUIREMENTS: | MS Office and Blackboard CMS | |
| WWW RESOURCES: | Royal Society of Chemistry: http://www.rsc.org/learn-chemistry American Chemical Society: http://www.acs.org Online Resources for Teaching and Learning Chemistry: http://www.chemcollective.org/ | |
| INDICATIVE CONTENT: | Properties, preparation and reactions of aldehydes and ketones, enols and enolates, amines, carboxylic acids and their derivatives. Spectroscopic methods including nuclear magnetic resonance Green Chemistry Drug — Target interactions, lead discovery, pharmacological concepts as quantitative parameters of drug action, pharmacological assays and lead optimization. | |