Module Description of Special Topics in Algebra

Module Name	:	Special Topics in Algebra
Module Level	:	Bachelor
Code, if applicable	:	23H01131603
Subtitle, if applicable	:	-
Courses, if applicable	:	Special Topics in Algebra
Semester(s) in which the module is taught	:	5 (Fifth Semester)
Module coordinator(s)	:	Prof. Dr. Amir Kamal Amir, M.Sc
Lecturer(s)	:	Prof. Dr. Budi Nurwahyu, MS., Prof. Dr. Amir Kamal Amir, M.Sc., Dra. Nur Erawati, M.Si., Andi Muhammad Anwar, S.Si., M.Si
Language	:	Bahasa (Indonesian language)
Relation to curriculum	:	Elective course in third year for Bachelor degree in Mathematics and Set Theory
Type of teaching/teaching method	:	Lecturing, Small Group Discussion, Cooperative Learning, Self-Directed Learning
Contact hours	:	150 minutes lectures per week, 180 minutes structured activities per week, and 180 minutes independent study per week
Workload	:	Total workload is 135 hours per semester which consists of 40 hours per semester for Learning and Teaching, 47.5 hours per semester for Self-Study, and 47.5 hours per semester for Structured Works
Credit points	:	3 (4.8 ECTS)
Requirements according to the examination regulations	:	Students are required to attend at least 80% of the total meetings which is recorded via the attendance menu at https://sikola-v2.unhas.ac.id/, complete all mandatory assignments, and obtain permission from the lecturer to participate in the written examination.
Recommended prerequisites	:	Students have completed and taken the exams for Linear Algebra II, Algebraic Structures
Module objectives/intended learning outcomes	:	After the completion of this module, the student will be able to: CLO 1. Recognize and understand the definitions and examples of the materials in Algebra Topic 1 and Algebra Topic 2; CLO 2. Interpret the definitions and properties contained in the materials of Algebra Topic 1 and Algebra Topic 2; CLO 3. Construct and prove the properties presented in the materials of Algebra Topic 1 and Algebra Topic 2.

<table>
<tr><td></td><td></td><td>The following is the mapping of the ILO and the CLO of this course:
<table>
<tr><th></th><th>ILO 1</th><th>ILO 2</th><th>ILO 3</th></tr>
<tr><td>CLO 1</td><td>X</td><td></td><td></td></tr>
<tr><td>CLO 2</td><td></td><td></td><td>X</td></tr>
<tr><td>CLO 3</td><td></td><td>X</td><td></td></tr>
</table></td></tr>
<tr><td>Content</td><td>:</td><td>The topics of this course may vary each semester depending on the availability of topics and the readiness of the lecturers. However, within a single semester, the course will cover only two algebra topics, namely Algebra Topic 1 and Algebra Topic 2.</td></tr>
<tr><td>Study and examination requirements</td><td>:</td><td>Study and examination requirements:
Students must attend 15 minutes before the class starts.
Students must switch off all electronic devices.
Students must inform the lecturer if they will not attend the class due to sickness, etc.
Students must submit all class assignments before the deadline.
Students must attend the exam to get final grade.</td></tr>
<tr><td>Exams and assessment formats</td><td>:</td><td>Participants are marked based on their performance in theory: Assignments (30%), Report (50%), Written Exam (20%).

Assignments assess student's ability to apply concepts independently, while Reports measure analytical and writing skills. The Written Exam assesses comprehension and synthesis of all materials discussed during the semester. Altogether, these components account for 100% of the final grade.

Students are marked based on their percentage of points obtained and based on the following grade scale:
<table>
<tr><th>Percentage of Achievement</th><th>Grade</th><th>Conversion Value</th></tr>
<tr><td>85 – 100</td><td>A</td><td>4.00</td></tr>
<tr><td>80 - <85</td><td>A-</td><td>3.75</td></tr>
<tr><td>75 - < 80</td><td>B+</td><td>3.5</td></tr>
<tr><td>70 - < 75</td><td>B</td><td>3.0</td></tr>
<tr><td>65 - < 70</td><td>B-</td><td>2.75</td></tr>
<tr><td>60 - < 65</td><td>C+</td><td>2.5</td></tr>
<tr><td>50 - < 60</td><td>C</td><td>2.00</td></tr>
<tr><td>40 - < 50</td><td>D</td><td>1.00</td></tr>
<tr><td>< 40</td><td>E</td><td>0.00</td></tr>
</table></td></tr>
<tr><td>Reading list</td><td>:</td><td>1. Books / journals / learning modules related to Algebra Topic 1
2. Books / journals / learning modules related to Algebra Topic 2</td></tr>
<tr><td>Last revision date</td><td>:</td><td>July 28th, 2025</td></tr>
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