

Trimester 1, 2023/2024 (T2310)

TMA1201

Discrete Structures and Probability

Things you might want to know:

- Learning Outcomes
- Syllabus...
- Distribution of Marks
- Criteria to Pass
- Important Reminder

Learning Outcomes for TMA1201 (LO)

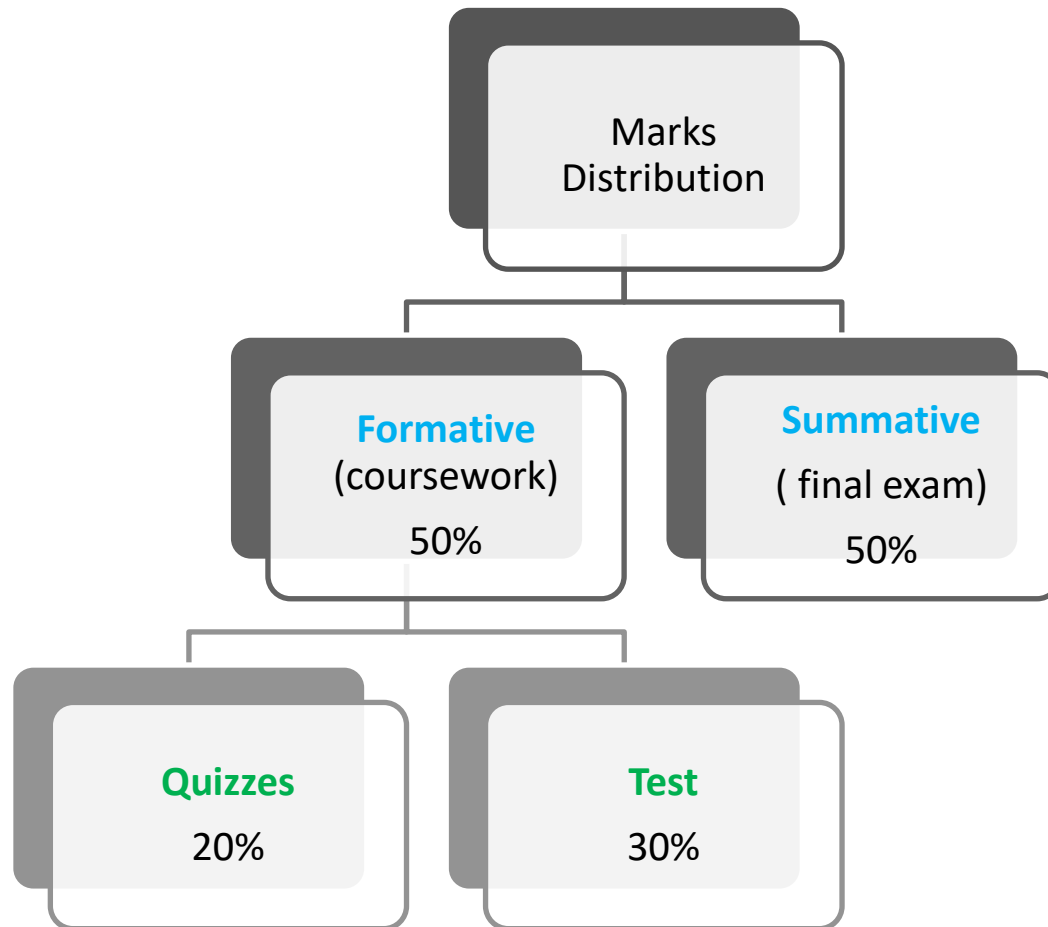
LO	Subject Learning Outcomes
1	Interpret various concepts of discrete mathematics and probability theory.
2	Solve problems related to discrete structures, logic, algorithm and construct proof.
3	Solve problems related to graphs, finite state automata, combinatorics and probability distributions.



Syllabus...



Distribution of Marks



Distribution of Marks

Quizzes (20%)

- 4 written quizzes each 10 marks (5%)
- Quizzes 1 & 4 Online (Take home)
- Quizzes 2 & 3 In class
- Makeup quiz will be given to Quizzes conducted in classes for students who missed the quiz with a valid reason**
- No makeup for online Quizzes.

** Valid reason is like MC from MMU panel clinic. Going back to hometown, attend wedding,..., etc, are not counted as VALID reason)

Distribution of Marks

Test (30%) Online/ Physical

- **Test 1 (15%) + Test 2 (15%)**
- Test 1 – (Week 7), Test 2 – (Week 13)
- Makeup test will be given to Test (physical) for students who missed the test with a valid reason**

** Valid reason is like MC from MMU panel clinic. Going back to hometown, attend wedding,..., etc, are not counted as VALID reason)

Distribution of Marks

Final Exam (50%)

- Cover all the materials discuss in this trimester unless announce otherwise

Criteria to Pass

Criteria to pass

- **At least 40% of formative** (coursework) assessment **AND**
- **At least 40% of summative** (final exam) assessment **AND**
- **At least 40% of the total of the assessments** (overall mark)

Important Reminder

- Calculator is **ALLOWED** in all quizzes, tests and final examination. However, students are required to show the proper steps in simplifying some of the numerical expressions especially on the topics involving combinatorics and probability.
- Print all the materials (Lecture slides and Tutorials) from MMLS and bring it with you whenever you attend any of the lecture or tutorial.
- Attempt all the tutorial questions before attending the respective tutorial class.
- Ask question immediately if you do not understand.
- **DON'T** try to memorize the content – the **WORST** way if you want to pass this subject