QMS 101 Statistics

Detailed Daily Teaching Schedule

Lecturer: Dr. Anna Fome

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Course Teaching Schedule

Weekly Teaching Plan

Week	Date	Day	Time	Topic	Subtopics to be Covered
Week 1	09.04.26	Thursday	18:00–19:00	Introduction to Statistics	Meaning, importance, limitations, population, sample, census
Week 1	10.04.26	Friday	16:00–18:00	Introduction to Statistics	Same as Thursday session
Week 2	16.04.26	Thursday	18:00–19:00	Data Collection	Types of data; methods of data collection

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Week 2	17.04.26	Friday	16:00–18:00	Data Collection	Types of data; methods of data collection
Week 3	23.04.26	Thursday	18:00–19:00	Data Presentation	Frequency distributions; tables
Week 3	24.04.26	Friday	16:00–18:00	Data Presentation	Histograms; frequency polygons
Week 4	30.04.26	Thursday	18:00–19:00	Data Presentation (Continued)	Ogives; interpretation of graphs
Week 4	01.05.26	Friday	—	Public Holiday	No lecture
Week 5	07.05.26	Thursday	18:00–19:00	Central Tendency	Mean, median, mode
Week 5	08.05.26	Friday	16:00–18:00	Central Tendency	Mode; introduction to geometric mean
Week 6	14.05.26	Thursday	18:00–19:00	Central Tendency (Continued)	Geometric mean; harmonic mean; quartiles
Week 6	15.05.26	Friday	16:00–18:00	Central Tendency (Continued)	Deciles; percentiles
Week 7	21.05.26	Thursday	18:00–19:00	Measures of Dispersion	Range; mean deviation

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Week 7	22.05.26	Friday	16:00–18:00	Measures of Dispersion	Variance; standard deviation; coefficient of variation
Week 8	28.05.26	Thursday	18:00–19:00	Permutations & Combinations	Factorial; sum and product rules
Week 8	29.05.26	Friday	16:00–18:00	Permutations & Combinations	Permutations; applications
Week 9	04.06.26	Thursday	18:00–19:00	Permutations & Combinations	Combinations; differences between P & C
Week 9	05.06.26	Friday	16:00–18:00	Test I	Topics I – IV
Week 10	11.06.26	Thursday	18:00–19:00	Probability Theory	Introduction; definitions and properties
Week 10	12.06.26	Friday	16:00–18:00	Probability Theory	Mutually exclusive and non-mutually exclusive events
Week 11	18.06.26	Thursday	18:00–19:00	Probability Theory	Independent and dependent events; collective exhaustiveness

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Week 11	19.06.26	Friday	16:00–18:00	Probability Theory	Conditional probability; expectations
Week 12	25.06.26	Thursday	18:00–19:00	Probability Distributions	Relative frequency distribution; descriptive measures
Week 12	26.06.26	Friday	16:00–18:00	Binomial Distribution	Introduction and applications
Week 13	02.07.26	Thursday	18:00–19:00	Binomial & Poisson	Mean, variance; Poisson introduction
Week 13	03.07.26	Friday	16:00–18:00	Poisson Distribution	Applications
Week 14	09.07.26	Thursday	18:00–19:00	Normal Distribution	Characteristics
Week 14	10.07.26	Friday	16:00–18:00	Normal Distribution	Areas under curve; applications
Week 15	16.07.26	Thursday	18:00–19:00	Revision	Full course revision
Week 15	17.07.26	Friday	16:00–18:00	Revision & Wrap-up	Exam preparation; Assignment 2 submission

Assessment Plan

Assessment	Timing	Coverage	Weight
Group Assignment 1	Week 4	Topics I & II	10%
Test 1	Week 7 or 9	Topics I – IV	15%
Group Assignment 2	Weeks 12–15	Topics V & VI	10%
Quiz & Participation	Any week	Continuous	05%
End of Semester Exam	End of semester	Topics I – VII	60%
Total			**100%**

Notes for Students

- Attend all lectures and participate actively
- Focus on understanding concepts, not memorizing formulas
- Practice calculations regularly