Mathematics Methods | ATAR Year 12 | Summary of minor syllabus changes for 2025

The content identified by ~~strikethrough~~ has been deleted from the syllabus. The content in italics has been included.

3.3.5 ~~identify~~ *define* the mean or expected value of a discrete random variable *and interpret it* as a measure~~ment~~ of ~~centre~~ *location*, and evaluate it in simple cases

3.3.6 ~~identify~~ *define* the variance and standard deviation of a discrete random variable *and* *interpret them* as measures of spread, and evaluate them using technology

4.2.3~~identify~~ *define* the expected value, variance and standard deviation of a continuous random variable and evaluate them using technology

Assessment table – Year 12

|  |  |
| --- | --- |
| Type of assessment | Weighting |
| **Response**~~Students respond using knowledge of mathematical facts, concepts and terminology, applying problem-solving skills and algorithms. Response tasks can include: tests, assignments, quizzes and observation checklists. Tests are administered under controlled and timed conditions.~~*Students apply mathematical knowledge and understanding of concepts, techniques and relationships to solve a mix of routine and non-routine questions, demonstrating their interpretation of concepts and results in applied and theoretical contexts. Response tasks can include: tests, assignments and multimedia representations.* | 40% |