

VCE Transition workshop

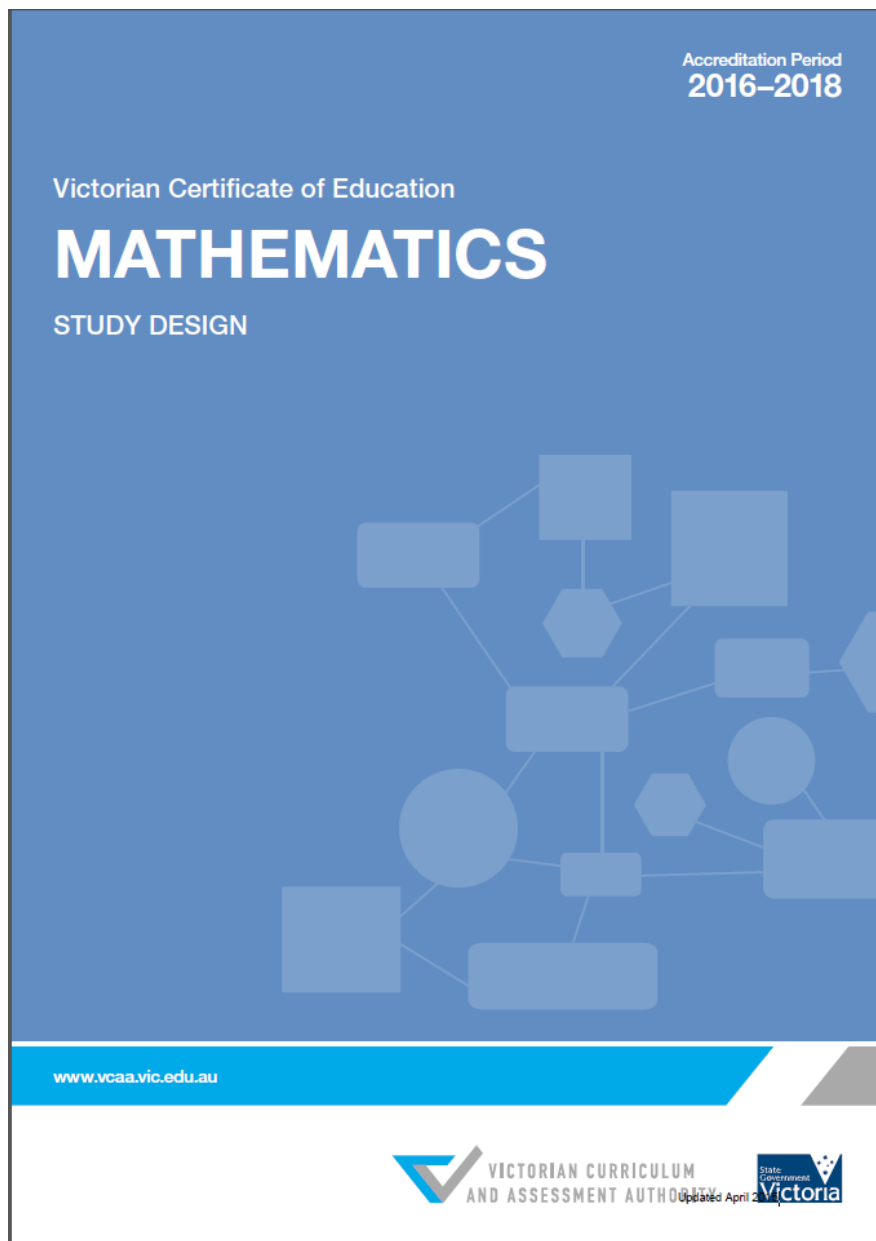
Mathematics 2016

Presented by:

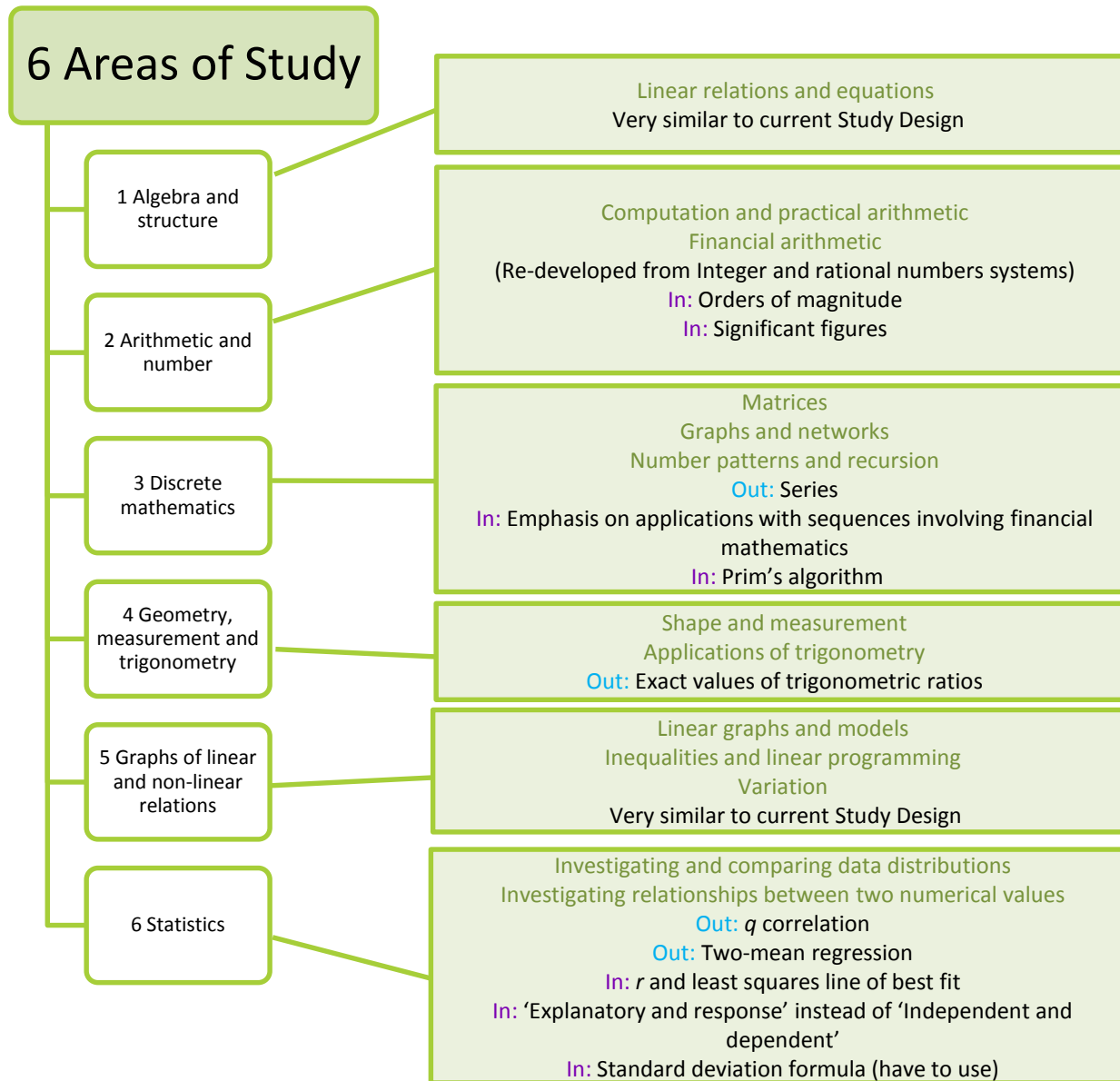
Pauline Holland, Publisher, Mathematics
Shirly Griffith, Director of Publishing

Implementation:

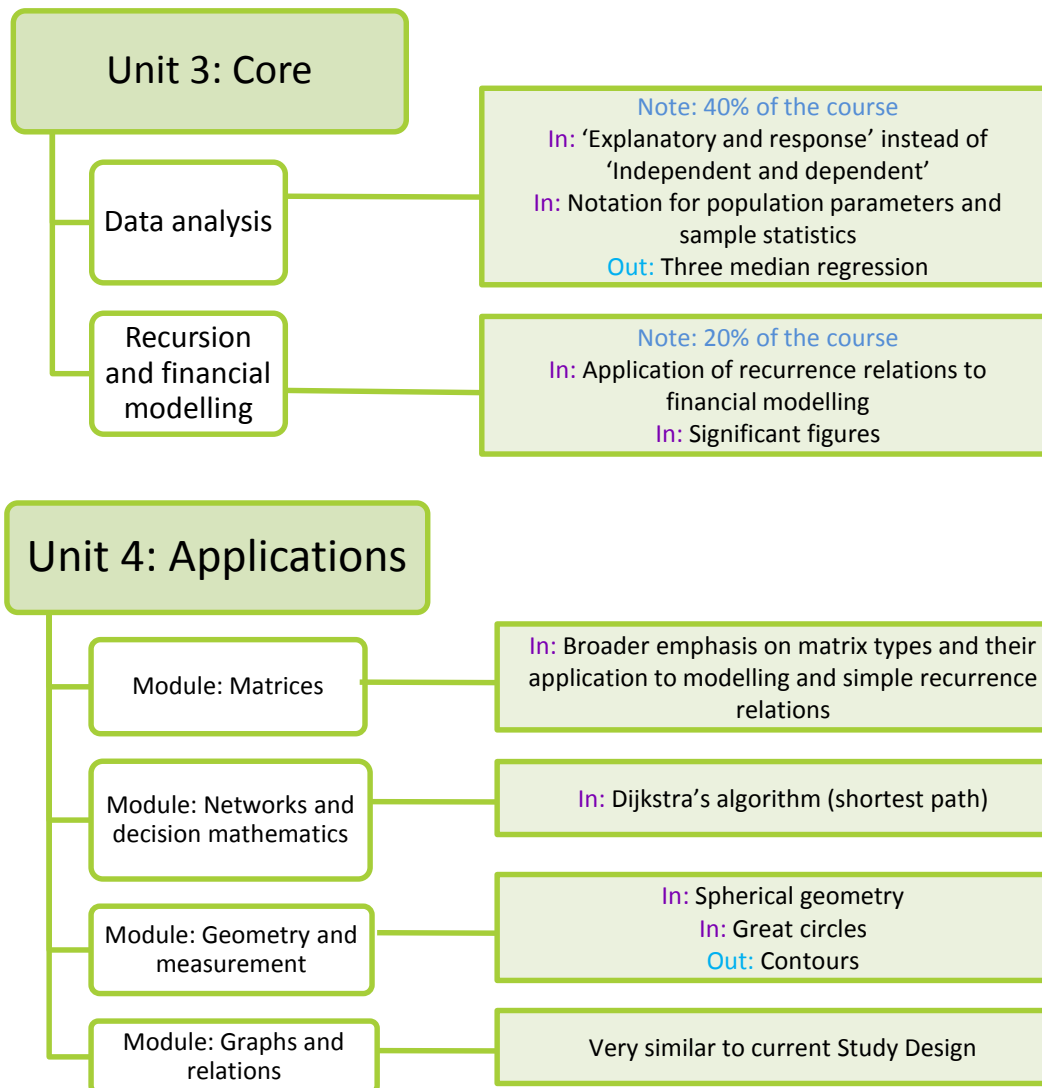
2016, Units 1 to 4



VCE General Mathematics, Units 1 & 2



VCE Further Mathematics, Units 3 & 4



VCE Further Mathematics, Units 3 & 4

- External assessment

Two end-of-year examinations (33% each = 66%)

Examination 1 – Multiple Choice (90 minutes)

Examination 2 – Written response questions (90 minutes)

- School-assessed Coursework

SACs for Unit 3 and Unit 4 (20% and 14% respectively = 34%)

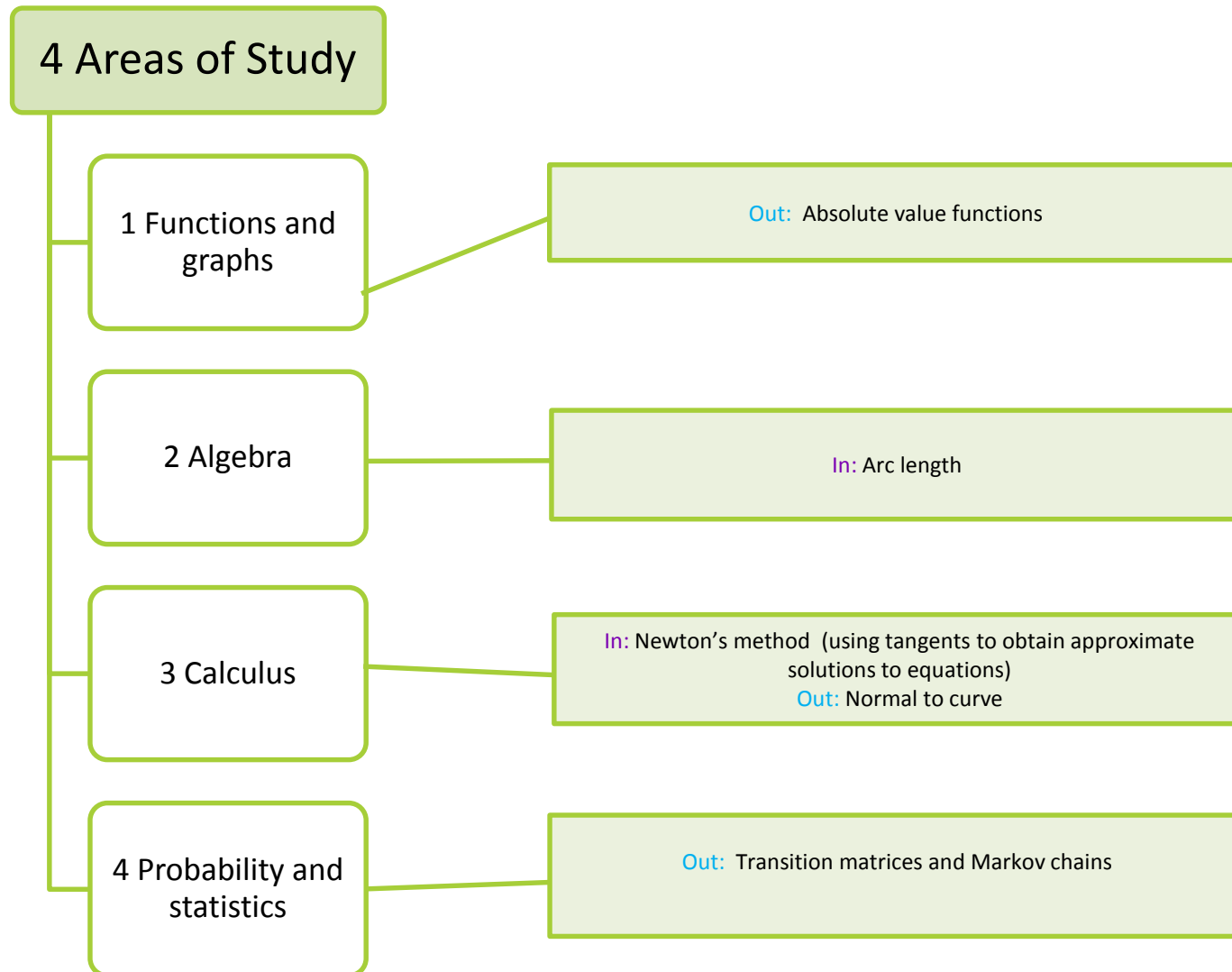
Unit 3 – Application Task – Data analysis (4 – 6 hours)

Unit 3 – Modelling or problem-solving task 1 – Recursion and financial modelling (2 – 3 hours)

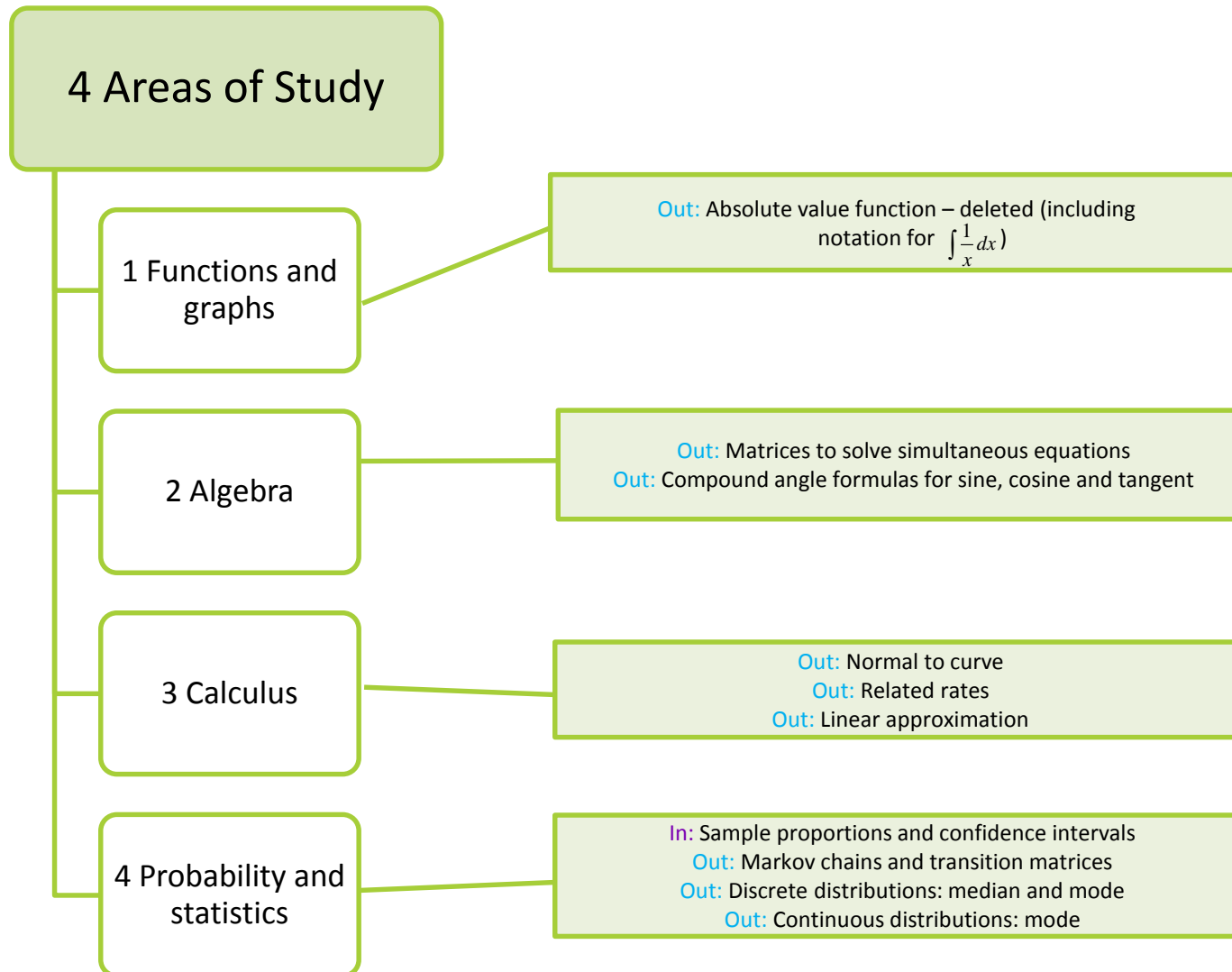
Unit 4 – Modelling or problem-solving task 2 – First Module (2 – 3 hours)

Unit 4 – Modelling or problem-solving task 3 – Second Module (2 – 3 hours)

VCE Mathematical Methods, Units 1 & 2



VCE Mathematical Methods, Units 3 & 4



VCE Mathematical Methods, Units 3 & 4

- **External assessment**

Two end-of-year examinations (22% and 44% = 66%)

Examination 1 – Short/extended answer questions: No technology, no notes
(60 minutes)

Examination 2 – Multiple-choice and extended answer questions: Technology and notes
(120 minutes)

- **School-assessed Coursework**

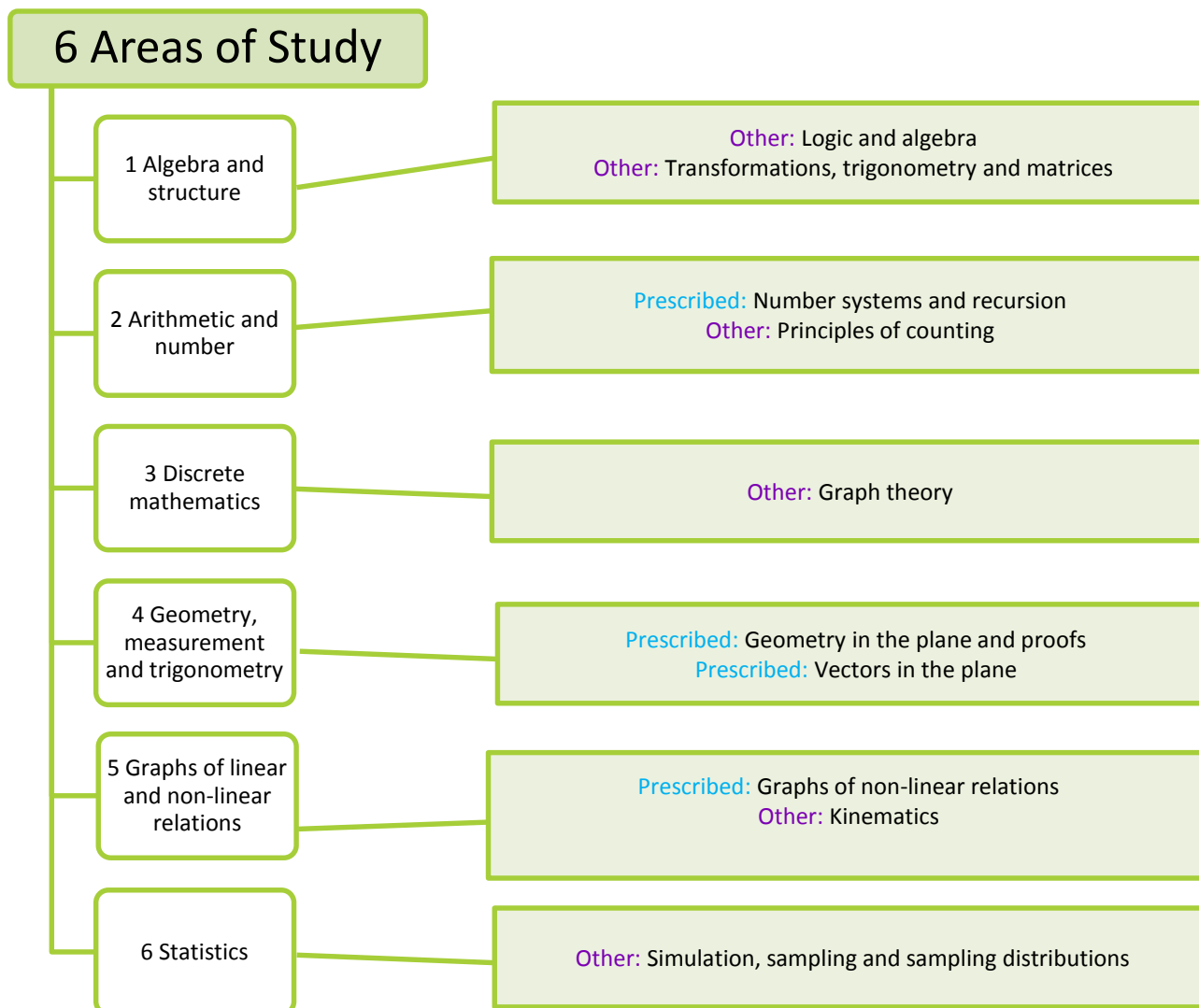
SACs for Unit 3 and Unit 4 (17% each = 34%)

Unit 3 – Application Task – Function and calculus (4 – 6 hours)

Unit 4 – Modelling or problem-solving task 1 – Probability and statistics (2 – 3 hours)

Unit 4 – Modelling or problem-solving task 2 – Any (2 – 3 hours)

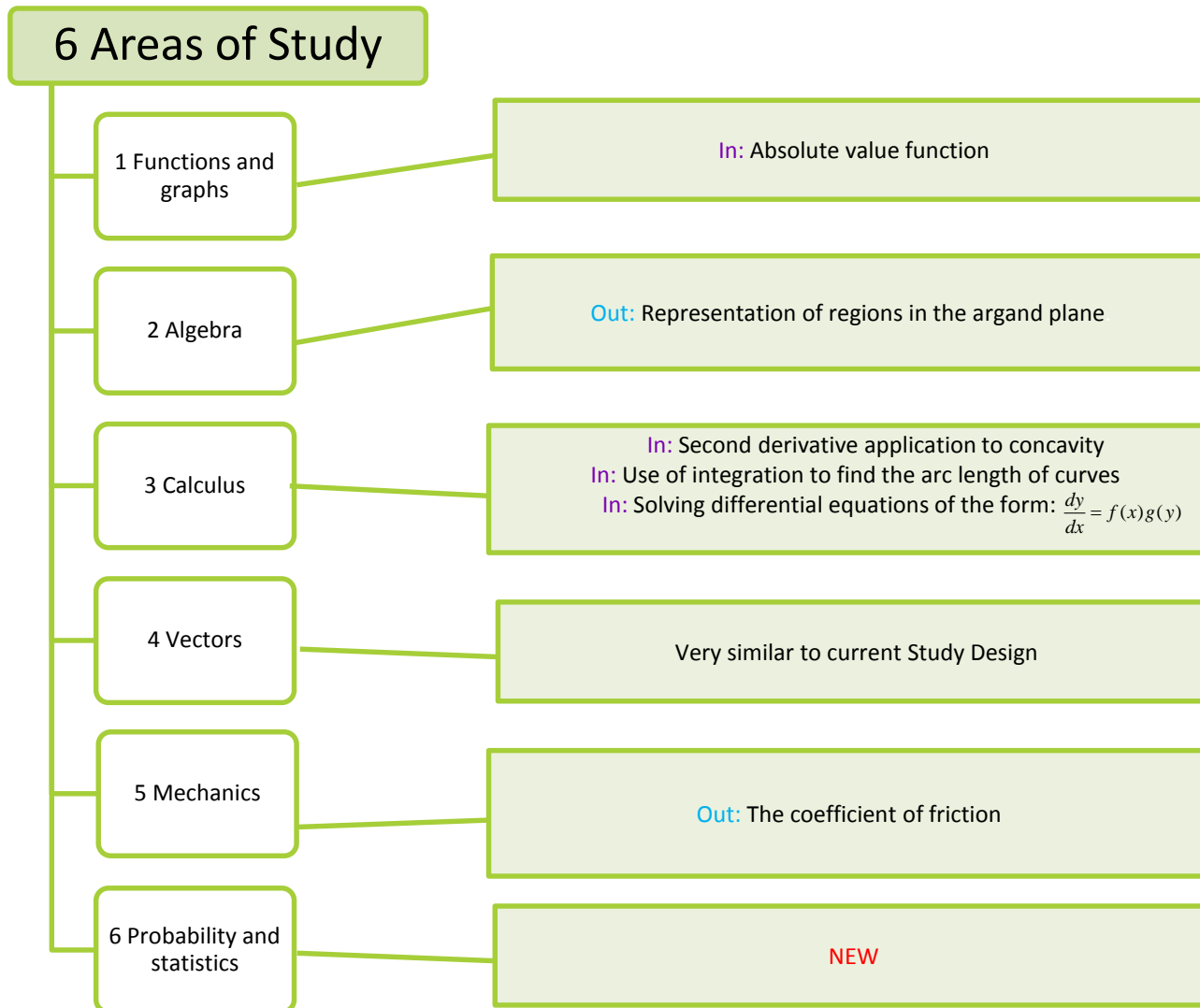
VCE Specialist Mathematics, Units 1 & 2



Two **prescribed topics** must be taken in each of Units 1 and 2

Two **other topics** must be studied in their entirety in each of Units 1 & 2 (other topics may be selected from General Mathematics Units 1 & 2)

VCE Specialist Mathematics, Units 3 & 4



VCE Specialist Mathematics, Units 3 & 4

- **External assessment**

Two end-of-year examinations (22% and 44% = 66%)

Examination 1 – Short/extended answer questions: No technology, no notes (60 minutes)

Examination 2 – Multiple-choice and extended answer questions: Technology and notes (120 minutes)

- **School-assessed Coursework**

SACs for Unit 3 and Unit 4 (17% each = 34%)

Unit 3 – Application Task – Two or more AOS (4 – 6 hours)

Unit 4 – Modelling or problem-solving task 1 – Mechanics or Probability and statistics (2 – 3 hours)

Unit 4 – Modelling or problem-solving task 2 – Any (2 – 3 hours)