



Further Mathematics

Integrated Course

T

Front Cover Art provided by Canberra College student Aidan Giddings

Student Capabilities

All courses of study for the ACT Senior Secondary Certificate should enable students to develop essential capabilities for twenty-first century learners. These 'capabilities' comprise an integrated and interconnected set of knowledge, skills, behaviours and dispositions that students develop and use in their learning across the curriculum.

The capabilities include:

- Literacy
- Numeracy
- Information and communication technology (ICT) capability
- Critical and creative thinking
- Personal and social capability
- Ethical behaviour
- Intercultural understanding

Courses of study for the ACT Senior Secondary Certificate should be both relevant to the lives of students and incorporate the contemporary issues they face. Hence, courses address the following three priorities. These priorities are:

- Aboriginal and Torres Strait Islander histories and cultures
- Asia and Australia's engagement with Asia
- Sustainability

Elaboration of these student capabilities and priorities are available on the ACARA website at www.australiancurriculum.edu.au.

Course Name

Further Mathematics

Course Classification

T

Course Framework

This course is presented under the Mathematics Framework 2020.

This **Integrated** course draws on units from **Mathematical Applications T** in combination with units from **Mathematical Methods T**, **Specialist Mathematics T** and **Specialist Methods T**.

All units from these courses may be included in a Further Mathematics course providing there is no duplication of content.

When units from Mathematical Applications T are combined with any units from BSSS Specialist Methods T, Specialist Mathematics T or Mathematical Methods T they form a course in Further Mathematics.

Course	Number of standard units to meet course requirements
Minor	Minimum of 2 units
Major	Minimum of 3.5 units
Major Minor	Minimum of 5.5 units
Double Major	Minimum of 7 units

Operational requirements

The operational requirements are:

- Colleges must be aware of policies concerning transfer of units and whole courses (refer section 4.3.5.2.2 Units in Other Courses) to another course and policies relating to moderation scaling groups. (Refer section 5.4.1 Course Combination into Moderation Scaling Groups)
- Integrated courses and requirements must be clearly identified in student handbooks.

Course Adoption

Conditions of Adoption

The course and units of this course are consistent with the philosophy and goals of the college and the adopting college has the human and physical resources to implement the course.

Adoption Process

Course adoption must be initiated electronically by an email from the principal or their nominated delegate to bssscertification@ed.act.edu.au. A nominated delegate must CC the principal.

The email will include the **Conditions of Adoption** statement above, and the table below adding the **College** name, and circling the **Classification/s** required.

College:	
Course Title:	Further Mathematics
Unit Title(s)	Units as specified in the <i>Mathematical Applications</i> and <i>Mathematical Methods, Specialist Mathematics</i> and <i>Specialist Methods</i> courses
Classification/s:	T
Accredited from:	2016
Framework:	Mathematics 2020