



Information Technology

Integrated Course

A / T / M / V

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

Information Technology

Course Classification

A/T/M/V

Course Framework

This course is written under the Technologies Framework 2018.

The course consists of a combination of units from the following courses:

Data Science A/T/V

Networking & Security A/T/V

Robotics & Mechatronics A/T/M/V

Digital Technologies A/T/M/V

Digital Products A/V

Operational requirements

The operational requirements are:

- Independent Study units are only available to individual students in Year 12. A student can only study a maximum of one Independent Study unit in each course. Students must have studied at least three standard 1.0 units from this course. An Independent Study unit requires the principal's written approval. Principal approval can also be sought by a student in Year 12 to enrol concurrently in an Independent Study unit and their third 1.0 unit in this course of study.
- 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)
- The above 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:	Information Technology Units as specified in the Data Science, Networking & Security, Robotics & Mechatronics, Digital Technologies, Digital Products courses
Classification/s:	A T M or A/V T/V M/V
Accredited from:	2020
Framework:	Technologies 2018