

TAS-AAM-DIP Diploma of Applied Technologies (Advanced Manufacturing) Course Planner

Study plan for commencement in **Semester 1, 2027**

Full time study

Semester 1	Core ZAT113 Programming Principles <i>(also offered S2)</i>	Core ZAT128 Electrical & Digital Control Systems	Core ZAT111 Computer Networks	Specialisation Choice ZAS118 Sustainability ZAT122 Computer Aided Design ZAT124 Sensors & Sensor Networks ZPP103 Negotiated Study
Semester 2	Core ZAT120 Designing for Technology & Innovation	Specialisation Choice ZAE105 Introduction to Fabrication ZAS118 Sustainability ZAT123 Programming for Robotics (requires ZAT113) ZPP103 Negotiated Study	Specialisation Choice ZAE105 Introduction to Fabrication ZAS118 Sustainability ZAT123 Programming for Robotics (requires ZAT113) ZPP103 Negotiated Study	Specialisation Choice ZAE105 Introduction to Fabrication ZAS118 Sustainability ZAT123 Programming for Robotics (requires ZAT113) ZPP103 Negotiated Study

Part time study (2 years)

Year 1 Semester 1	Core ZAT113	Core ZAT128	Year 2 Semester 1	Core ZAT111	Specialisation 1 x specialisation unit
Semester 2	Core ZAT120	Specialisation 1 x specialisation unit	Semester 2	Specialisation 1 x specialisation unit	Specialisation 1 x specialisation unit



The **TAS-AAM-DIP Diploma of Applied Technologies**

requires the completion of 100 credit points comprising:

- 4 core units
- 4 specialisation units

Specialisations

- **Advanced Manufacturing**
- Cyber Security
- ICT

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Study plan for commencement in **Semester 2, 2027**

Full time study

Semester 2	Core ZAT120 Designing for Technology & Innovation	Core ZAT113 Programming Principles <i>(also offered S1)</i>	Specialisation Choice ZAE105 Introduction to Fabrication ZAS118 Sustainability ZAT123 Programming for Robotics (requires ZAT113) ZPP103 Negotiated Study	Specialisation Choice ZAE105 Introduction to Fabrication ZAS118 Sustainability ZAT123 Programming for Robotics (requires ZAT113) ZPP103 Negotiated Study
Semester 1	Core ZAT111 Computer Networks	Core ZAT128 Electrical & Digital Control Systems	Specialisation Choice ZAS118 Sustainability ZAT122 Computer Aided Design ZAT124 Sensors & Sensor Networks ZPP103 Negotiated Study	Specialisation Choice ZAS118 Sustainability ZAT122 Computer Aided Design ZAT124 Sensors & Sensor Networks ZPP103 Negotiated Study

Part time study (2 years)

Year 1	Core	Core	Year 2	Specialisation	Specialisation
Semester 2	ZAT120	ZAT113	Semester 2	1 x specialisation unit	1 x specialisation unit
Semester 1	Core ZAT111	Core ZAT128	Semester 1	Specialisation 1 x specialisation unit	Specialisation 1 x specialisation unit



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