

## 2009 Information Sheet for the Qantas / Swinburne Associate Degree of Aviation

### What is the Qantas Swinburne Associate Degree Program?

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The Qantas / Swinburne Associate Degree of Aviation is the Associate Degree of Aviation program as accredited and awarded by Swinburne University of Technology. It incorporates the flight training required by Qantas as part of Phase One of the Qantas Cadet Pilot Program.

The program is designed for applicants with little or no flying experience who wish to gain an academic qualification in a time effective way in addition to pilot licence theory and flight training. Qantas Cadet Pilots will complete Phase One of the Qantas Cadet Pilot Program with Swinburne University of Technology in Melbourne, Victoria, undertaking the Swinburne Associate Degree of Aviation. Qantas manages the application and selection process, and Swinburne and General Flying Services work together to deliver the program. The Associate Degree of Aviation will be awarded by Swinburne University of Technology. General Flying Services is a participating Flight Training Organisation (FTO), approved by Qantas for the Cadet Pilot Program.

The Associate Degree is approximately 18 months duration, incorporating full-time academic studies, pilot licence theory, and flight training. Students may wish to use the Federal Government's FEE-HELP Scheme to offset a large portion of the upfront costs of the Associate Degree. This includes but is not limited to the cost of flight training.

At completion of Phase One of the Qantas Cadet Pilot Program, successful Associate Degree Cadets will have:

- An Associate Degree of Aviation from Swinburne University of Technology
- A Commercial Pilot (Aeroplane) Licence CPL(A)
- A Command (Multi Engine Aeroplane) Instrument Rating
- Credits for all Air Transport Pilot (Aeroplane) Licence theory subjects
- Instruction designed to enhance the Cadets' aircraft management, multi-crew skills and their knowledge of Qantas operating procedures
- 100 hours as Pilot in Command of a fixed wing aircraft
- Approximately 200 hours total flying time supplemented by additional flight time
- 5 hours of dual aerobatics
- Multi Engine Gas Turbine type rating





## Program structure and student workload

Students complete at least 200 credit points. All units of study are 12.5 points unless noted otherwise. Students undertake units of study from five discipline groups.

200 credit points from (a) Aviation, (b) Aviation Practical, (c) Aviation Human Factors, (d) Air Transportation Management, (e) Aviation Technology studies comprising:

75 credit points from Aviation core;

62.5 credit points from Aviation Practical core;

25 credit points from Aviation Human Factors core;

12.5 credit points from Air Transportation Management core;

12.5 credit points from Aviation Technology core; and

12.5 credit points elective drawn from Aviation Human Factors and Air Transportation Management studies.

### Core Aviation Studies

HES1900 Private Pilot Licence

HES1906 Commercial Pilot Licence 1

HES2901 Commercial Pilot Licence 2

HES2906 Air Transport Pilot Licence 1

HES4901 Air Transport Pilot Licence 2

HES4906 Air Transport Pilot Licence 3

### Core Aviation Practical Studies

HES1950 Private Pilot Licence Practicum

HES1955 Commercial Pilot Licence Practicum 1

HES2950 Commercial Pilot Licence Practicum 2

HES4950 Multi Crew Cooperation Simulator Practicum

HES4955 Multi Engine Gas Turbine Type Rating Practicum

### Core Aviation Human Factors Studies

HES1910 Human Factors & Communication

HES1915 Occupational Health & Safety

### Core Aviation Technology Studies

HES4970 Current and Future Airline Technological Operational Concepts

### Elective Aviation Human Factors Studies

HES2910 Human Factors & Performance

HES4916 Integrated Safety Management Systems

### Core Air Transportation Management Studies

HES2986 Aviation Regulation, Environment & Operation

### Elective Air Transportation Management Studies

HES2915 Airline Planning & Operations

HES2935 Aircraft Maintenance

HES2990 Airport Planning, Operation and Management

HES4981 Aviation Business Management

HES4985 Airspace Management & Air Traffic Services

HES4990 Aviation Legal Framework

HBSG200 New Venture Development and Management



## Where do I study?

During Semester 1 and 2, students will spend four days a week at General Flying Services, Moorabbin Airport undertaking the Aviation Studies and Aviation Practical Studies, and one day a week at Swinburne's Hawthorn campus undertaking Aviation Technology, Aviation Human Factors and Air Transportation Management studies. During the winter and summer terms all studies will be at General Flying Services, Moorabbin Airport.

### Recommended Study Sequence and Expected Fees, 2009 February Intake

SEM 1 12 weeks Commencing 2/3/09	2009 Expected Unit Fees
HES1900 PRIVATE PILOT LICENCE	\$ 1,968.75
HES1950 PRIVATE PILOT LICENCE PRACTICUM	\$26,800.00
HES1906 COMMERCIAL PILOT LICENCE 1	\$ 1,968.75
HES1910 HUMAN FACTORS & COMMUNICATION	\$ 1,968.75

Winter Term 6 weeks Commencing 22/6/09	2009 Expected Unit Fees
HES2901 COMMERCIAL PILOT LICENCE 2	\$ 1,968.75
HES1955 COMMERCIAL PILOT LICENCE PRACTICUM 1	\$21,600.00

SEM 2 12 weeks Commencing 10/8/09	2009 Expected Unit Fees
HES2906 AIR TRANSPORT PILOT LICENCE 1	\$ 1,968.75
HES2950 COMMERCIAL PILOT LICENCE PRACTICUM 2	\$22,030.00
HES4901 AIR TRANSPORT PILOT LICENCE 2	\$ 1,968.75
HES1915 OCCUPATIONAL HEALTH & SAFETY	\$ 1,968.75

Summer Term Commencing 5/1/09	2009 Expected Unit Fees
HES4906 AIR TRANSPORT PILOT LICENCE 3	\$ 1,968.75
HES4950 MULTI CREW COOPERATION PRACTICUM	\$ 8,100.00

SEM 1 12 weeks Commencing 2/3/09	2009 Expected Unit Fees
HES2986 AVIATION REGULATION, ENVIRONMENT & OPERATION	\$ 1,968.75
HES4970 CURRENT & FUTURE AIRLINE TECHNOLOGICAL OPERATIONAL CONCEPTS	\$ 1,968.75
ELECTIVE	\$ 1,968.75
HES4955 MULTI ENGINE GAS TURBINE RATING PRACTICUM	\$16,630.00

Nb: Units of study are delivered at General Flying Services at Moorabbin Airport with the exception of those shaded. Shading represents Aviation Technology, Aviation Human Factors and Air Transportation Management studies conducted at Hawthorn Campus. Commencement dates indicated are proposed dates.

### Expected Fees and Costs

Fees payable are:

- The Swinburne Tuition fee payable for each Swinburne unit.
- Additional costs associated with flight crew licence issue and testing.

### Swinburne Tuition Fees

Expected Unit Fees Total is \$116,816. Fees are reviewed annually. Confirmation of Unit of Study Fees for 2009 will be available on the Swinburne Student Fees website from mid-August 2008.

Further fees will apply if additional flight training hours are needed to obtain required standards or where increases in specific industry costs occur, such as fuel, parts and CASA fees.

[http://www.swinburne.edu.au/corporate/student\\_affairs/fees/](http://www.swinburne.edu.au/corporate/student_affairs/fees/)

## Expected Additional Costs

### Compulsory (Payable to General Flying Services Pty Ltd)

Qantas Cadet PIC Supplement 30 hours Command in C-172 A/C	\$ 7,260.00
Textbooks and Equipment fee	\$ 2,956.00
CASA Exam Fees	\$ 2,518.00
Medical issue SPL and ASIC Fees	\$ 450.00
<b>Total</b>	<b>\$13,184.00</b>

Reference should be made to the CASA website for current CASA/ASL exam fees and Medical/SPL/ASIC charges. References and equipment cost are subject to small increases from time to time and the supplementary 30 hours is expected to increase subject to fuel and maintenance prices.

### Is financial assistance available?

It is expected that any Australian citizen admitted into the Qantas Cadet Pilot Program and Associate Degree will be eligible for FEE-HELP. Australian Permanent Residents and New Zealand citizens are not eligible for FEE-HELP.

FEE-HELP is a loan available to eligible students to cover the Tuition Fee. A maximum lifetime FEE-HELP limit applies; in 2008 the FEE-HELP limit was \$81,600. A loan fee of 20% applies to FEE-HELP loans for undergraduate courses of study. The FEE-HELP limit does not include the loan fee.

For information regarding FEE-HELP eligibility and conditions please access the DEEWR Going to Uni website: [www.goingtouni.gov.au](http://www.goingtouni.gov.au)

### What other costs may I incur?

There is a list of University administrative and miscellaneous charges which students may incur during their university career on Swinburne Student Fees website under Ancillary Fees [http://www.swinburne.edu.au/corporate/student\\_affairs/fees/](http://www.swinburne.edu.au/corporate/student_affairs/fees/).

Other expenses a student may incur include textbooks for academic studies at Swinburne, accommodation costs and general living expenses.

### Accommodation

Swinburne University of Technology offers a range of on campus and off campus accommodation options. Information and costs can be found at the Swinburne Housing website [www.swinburne.edu.au/stuserv/housing](http://www.swinburne.edu.au/stuserv/housing)

Additionally, General Flying Services offers fully furnished residential housing within walking distance of Moorabbin Airport.

Accommodation at Swinburne and General Flying Services is subject to availability. Successful candidates are encouraged to apply for accommodation as soon as possible.

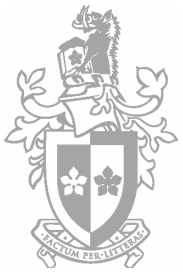
### What are the entry requirements for this program?

In addition to the Qantas Cadet Pilot Program minimum criteria, applicants must have satisfactorily completed the Victorian Certificate of Education (VCE) or its equivalent, with the following subjects forming the prerequisites for the course.

VCE Units 3 & 4 - a study score of at least 20 in English (any) and Further Mathematics\*.

Passes maybe accumulated over more than one year.

\* Qantas Cadet Pilot Program minimum criteria requires equivalent of VCE Units 3 & 4 Mathematical Methods.



### **How do I get more course information?**

For further information about the Associate Degree, please visit [www.swinburne.edu.au/coursefinder](http://www.swinburne.edu.au/coursefinder) (keyword M054N)

### **How do I apply?**

All applicants for the Qantas Cadet Pilot Program apply directly to Qantas. Applicants should refer to the information detailed in the Pilot Recruitment section of the Qantas website: [www.qantas.com/info/about/employment/pilots](http://www.qantas.com/info/about/employment/pilots)

The outcome of your application will be advised by Qantas. Successful cadet applicants will be advised to Swinburne University by the airline.

### **Can I apply for both the Associate Degree and Qantas Cadet Pilot Program?**

The Swinburne Associate Degree of (Aviation) is open to applicants who have been selected into a Cadet Pilot program under an Employer Reserved Place scheme.

Applicants may wish to submit a separate application for one of our other Aviation programs in case they are not successful in obtaining a position in the Qantas Cadet Pilot Program. For information on other Swinburne Aviation options please visit [www.swin.edu.au/aviation](http://www.swin.edu.au/aviation).

### **Swinburne Aviation Information Night**

A Swinburne Aviation Information Night will be held on Tuesday September 2nd, 7.30pm in the 2<sup>nd</sup> floor of the Business and Arts (BA) Building, Hawthorn Campus, Lecture Room BA201.

### **Who can I contact for more information?**

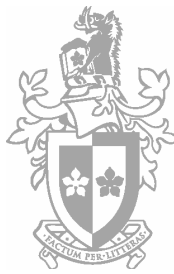
Faculty of Engineering and Industrial Sciences

Web: [www.swinburne.edu.au/aviation](http://www.swinburne.edu.au/aviation)

Email: [study@swinburne.edu.au](mailto:study@swinburne.edu.au)

Phone: 03 9214 3444





## Comparison: Higher Education Aviation Options at Swinburne

**Qantas / Swinburne Associate Degree of Aviation (must be accepted into the Qantas Cadet Pilot Program)**

**Qantas / Swinburne Bachelor of Aviation/Graduate Certificate (Qantas Cadet Pilot Program option)**

**Swinburne Bachelor of Aviation and / or Bachelor of Aviation / Bachelor of Business (Standard Swinburne Program)**

Program	Duration	Academic Entry Requirements	Fee Type	Government Assistance Available (if eligible)	Included Flying Training	Tuition Fee/ Student Contribution Amount	Flight Training Costs	Additional Costs	Approx Total Costs	Upfront Costs after HECS and FEE-HELP <sup>e</sup>
Associate Degree (Qantas Cadet Pilot)	18 months	(Min Score 20) Units 3 & 4 English Unit 3 & 4 Further Maths	Tuition Fee	FEE-HELP	CPL (A) with 30hrs extra PIC, MCIR, MCC, frozen ATPL, G/T Type Rating	\$116,816	Included in Tuition Fee	\$13,184	\$130,000	\$48,400
Bachelor Degree/Graduate Certificate (Qantas Cadet Pilot)	3 years	(Min Score 20) Units 3 & 4 English Unit 3 & 4 Math Methods	Student Contribution Amount & Flight Training Tuition Fee	HECS-HELP for Student Contribution Amount Only FEE-HELP for Grad Cert unit fees	CPL (A) with 30hrs extra PIC, MCIR, MCC, frozen ATPL, G/T Type Rating	\$116,940	Included in the Tuition Fee	\$13,184	\$130,124 <sup>c</sup>	\$26,744
Bachelor Degree	3 years (single degree), (double degree 4 years)	(Min Score 20) Units 3 & 4 English Unit 3 & 4 Math Methods	Student Contribution Amount & Flight Training Tuition Fee	HECS-HELP for Student Contribution Amount Only	CPL (A), IR, frozen ATPL	\$21,780 <sup>d</sup>	\$70,430 <sup>a</sup>	\$5,924 <sup>a</sup>	\$98,134 <sup>b,c</sup>	\$5,924

Flight Training provided by General Flying Services at Moorabbin Airport

a) Flight Training is optional if undertaking Swinburne Bachelor of Aviation ie. not part of Qantas Cadet Pilot Program

b) Total costs are indicative if optional Flight Training undertaken as part of degree program. Extra qualifications can be undertaken such as MCC, Multi Eng Gas Turbine Rating and Flight Instructor rating.

c) Example provided is for CSP in bachelor degree only as most applicants will apply for CSP.

d) 2008 Student Contribution Amount used

e) 2008 FEE-HELP loan limit of \$81,600. Assumes FEE-HELP for Associate Degree of Aviation and Graduate Certificate of Aviation (Piloting), and HECS-HELP for Bachelor of Aviation.

The table is provided as an 'at a glance' summary for comparison of the Swinburne Aviation options available and should not be interpreted as the definitive total cost of the program. Fee information above is indicative only. Swinburne fees are reviewed annually and may be subject to change. Further supplementary fees may also apply due to price increases in industry specific costs such as fuel and CASA charges or additional flight training hours required by individuals to attain required standards.

This table should only be read with reference to the attached documentation for detailed explanation and understanding of the options available.