Get prepared for employment in a range of operational, management and planning roles in the dynamic and vibrant aviation industry.

Aviation is highly competitive and needs well-trained individuals who can work effectively in rapidly changing environments.

RMIT has been involved in aerospace and aviation education and training for more than 75 years. Our suite of programs produces graduates equipped to be effective in a wide range of roles and levels.

You’ll gain a broad awareness of the aviation industry and a range of analytical skills that will give you a comprehensive appreciation of the aviation operating environment. Through this program you’ll develop breadth and depth of thinking, and the ability to solve problems relevant to the aviation industry.

The program contains two specialised streams. The first stream is in aviation operations and management, which focuses on developing a breadth of skills and knowledge across the aviation industry. This includes operational and management aspects of airlines and airports, as well as cargo and logistics, ground handling and safety.

The second stream is in piloting, where you’ll gain the skills required to become a commercial pilot, while also learning about the aviation industry. Flight training can be taken in conjunction with RMIT Flight Training at Point Cook, or with any other government-approved provider (either at Moorabbin or another aerodrome).

The program also offers a career development option for people who already hold a Commercial Pilot’s Licence. Commercial pilots can receive up to one year of advanced standing credit.

Industry connections
This program has connections to a range of aviation industry organisations. In all years of the program, industry-based professionals deliver lectures that are designed to enhance your understanding of the aviation industry.

Many final year projects are supported by aviation industry professionals.

Career outlook
Graduates may choose to embark on professional careers in the following areas:
- airline management
- airline operations
- airport management
- airport operations
- airport planning
- aviation charter business
- aviation consulting
- aviation regulation and safety
- commercial pilot.
RMIT graduates continue to be highly employable.

International opportunities
RMIT encourages you to aspire to a global career, not just a local one.

Through partner organisations in Europe, Asia and the United States, the RMIT International Industry Experience and Research Program (RIIERP) offers workplace training and academic research placements for between six and 12 months.

There are also opportunities to study abroad through Education Abroad.

Pathways
For the piloting stream, graduates of the Associate Degree in Aviation (Professional Pilots) are guaranteed entry with 1.5 years of credit (144 credit points).

For the management stream, if you have completed a nationally recognised Diploma of Engineering in aerospace or aviation you may be eligible for up to 96 credit points (equivalent to one year) in advanced standing. If you have completed an Advanced Diploma or Associate Degree in Engineering, aerospace or aviation, you may be eligible for up to 144 credit points (equivalent to 1.5 years) of advanced standing.
Program structure

The program contains two specialised streams.

Aviation operations and management focuses on developing a breadth of skills and knowledge across the aviation industry. This includes operational and management aspects of airlines and airports, as well as cargo and logistics, ground handling, and safety. It includes opportunities to tailor your degree to your preferred area of future employment.

Piloting will develop the depth of knowledge and skills required to become a commercial pilot, while gaining the breadth of knowledge about the aviation industry. Flight training can be taken in conjunction with RMIT Flight Training at Point Cook, or with any other government-approved provider (either at Moorabbin or another aerodrome). Students should note their specific enrolment requirements for full-time study, which may limit them to selecting RMIT Flight Training.

Areas of study include:
- Technical studies – you’ll develop an understanding of aircraft and aviation systems.
- Professional development courses – develop and integrate discipline-specific skills and generic capabilities that are widely used across the professions.
- Industry systems and processes – you’ll develop knowledge and skills in planning and management.
- Planning and management relevant to the aviation industry – these take account of risk, safety, human factors, the industry environment and other key themes.

Aviation operations and management stream

<table>
<thead>
<tr>
<th>Year</th>
<th>Managing the Engineering Environment</th>
<th>Introduction to Aircraft</th>
<th>Introduction to Aviation</th>
<th>Aviation Mathematics</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Aviation Quality Systems</td>
<td>Business Computing 1</td>
<td>Aircraft Systems</td>
<td>University elective</td>
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<table>
<thead>
<tr>
<th>Year</th>
<th>Aviation Industry Environment</th>
<th>Airport/Airline Operations</th>
<th>Human Factors in Aviation</th>
<th>Program elective</th>
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</thead>
<tbody>
<tr>
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<td>Airport Planning and Management</td>
<td>Airline Operations</td>
<td>Sustainable Aviation and the Environment</td>
<td>University elective</td>
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<th>Year</th>
<th>Aircraft Maintenance Management</th>
<th>Aviation Strategy in the Global Context</th>
<th>Aviation Project Management</th>
<th>Program elective</th>
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<tbody>
<tr>
<td></td>
<td>Aviation Industry Project</td>
<td>Aviation Safety and Security Systems</td>
<td>Program elective</td>
<td>Program elective</td>
</tr>
</tbody>
</table>

Piloting stream

<table>
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<tr>
<th>Year</th>
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<th>Introduction to Aviation</th>
<th>Aviation Mathematics</th>
<th>Managing the Engineering Environment</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Airport Planning and Management</td>
<td>Airline Operations</td>
<td>Theory to Recreational Pilot Licence</td>
<td>Flying to Recreational Pilot Licence</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Year</th>
<th>Aircraft Maintenance Management</th>
<th>Aviation Project Management</th>
<th>Theory to Private Pilot Licence</th>
<th>Flying to Private Pilot Licence</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Aviation Industry Project</td>
<td>Aviation Safety and Security Systems</td>
<td>Theory to Commercial Pilot Licence</td>
<td>Flying to Commercial Pilot Licence</td>
</tr>
</tbody>
</table>

Entrance requirements

Successful completion of an Australian Year 12 senior secondary certificate of education or equivalent.

Prerequisites

Current Year 12 prerequisite units 3 and 4 – a study score of at least 25 in mathematics (any) and a study score of at least 25 in any English (except EAL) or at least 30 in English (EAL).

Additional information

Non-Year 12 applicants may submit additional information if they would like it to be considered. For semester 1 intake, this can be completed through the VTAC Personal Statement online. For semester 2 intake, this can be completed through the personal statement in the Apply Direct application.