COLLEGE OF TECHNOLOGY

M. Wesley Shultz, Dean
Gerald W. Coy, Associate Dean
Harrigan Hall, Room 200
(616) 471-3413
FAX: (616) 471-6292
cot-info@andrews.edu
http://www.andrews.edu/COT/

BACCALAUREATE DEGREE CORE REQUIREMENTS

The BSET and BT core requirements are as follows:

BSET—21
ENGR120, ELCT141, 142, MECT121,
MECT235, INDT450, AGRI395 or
ENGT396 or GTEC395 or INDT315

BT—8
ENGR370, GTEC395, INDT310

General Courses

See inside front cover for symbol code. (Credits)

GTEC110 (2)
Freshman Seminar
College success and life enrichment skills.
Included are an introduction to the resources of
the university, principles of critical thinking, and
Christian values clarification.

GTEC115 (2)
College Seminar
See description under GTEC110. Repeatable.

GTEC298 (1-32)
Prior Learning Assessment
Prior Learning Assessment (PLA) is a process which validates learning experiences occurring
outside traditional college/university academic programs. A portfolio of evidence for
demonstrating experience and competency justifies and determines the amount of credit
granted. Repeatable with different topics.

GTEC395 (1-6)
Cooperative Work Experience
Supervised (by the dean or his appointee)
on-the-job work experience with a cooperating
industry. A minimum of 150 hours of work is
required per credit. The student must submit a
report of the cooperative work experience as
specified by the instructor. Repeatable to 6 credits.
Graded S/U. Prerequisites: an associate degree in
technology or equivalent and permission of the
dean. Students must apply and be accepted one
semester in advance of their planned Cooperative
Education experiences.

GTEC498 (1-32)
Prior Learning Assessment
See description under GTEC298. Total prior
learning assessment credits (GTEC298 and 498)
may not exceed 32 credits.

AERONAUTICAL TECHNOLOGY

Seamount Building (Airpark), Room 203
(616) 471-3548
FAX: (616) 471-6004
airinfo@andrews.edu
http://www.andrews.edu/AVIA/

Faculty
Allen Bernet, Chair
Richard L. Kaping
Harry Lloyd
Gary A. Marsh
John Norton
Glen Windler

Academic Programs Credits

<table>
<thead>
<tr>
<th>Program</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BSET: Aircraft Engineering Technology</td>
<td>155</td>
</tr>
<tr>
<td>BT: Aviation Technology</td>
<td>124-128</td>
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<tr>
<td>Avionics/Maintenance (Airframe)</td>
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<tr>
<td>Flight</td>
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<td>Flight/Business</td>
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<td>Flight/Maintenance</td>
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<tr>
<td>Maintenance</td>
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<tr>
<td>Maintenance/ Business</td>
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<tr>
<td>AT: Aviation Technology</td>
<td>62-74</td>
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<tr>
<td>Flight</td>
<td></td>
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<tr>
<td>Maintenance (52)</td>
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<tr>
<td>Minor in Aviation Technology</td>
<td>20</td>
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<tr>
<td>Flight</td>
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<tr>
<td>Maintenance (32)</td>
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<tr>
<td>FAA-approved Part 141–Flight Training</td>
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<tr>
<td>Commercial Pilot</td>
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<tr>
<td>Flight Instructor</td>
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<tr>
<td>Instrument Rating</td>
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<tr>
<td>Multi-Engine Rating</td>
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<tr>
<td>Private Pilot</td>
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<tr>
<td>FAA-approved Part 147–Maintenance Technician</td>
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<tr>
<td>Aircraft Airframe</td>
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<tr>
<td>Aircraft Powerplant</td>
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</table>

Students may choose program emphases (or a combination of them) in such areas as flight,
maintenance, business, avionics, and engineering technology.

Programs

If any of the degree programs do not meet the
needs of the student, an individualized major is
available as described on this page.

BSET: Aircraft Engineering Technology

The BSET degree combines the aviation
maintenance program with selected engineering
courses and thus prepares the individual for
activities between the pure engineer and a skilled
craftsman (licensed A & P Technician).

Maintenance area courses (see below) 52
Technical core 20
MECT285, 326, 355, 370, 375
Degree core 24