COLLEGE OF TECHNOLOGY

Verlyn R. Benson, Dean
Gerald W. Coy, Associate Dean

Harrigan Hall, Room 200
(269) 471-3413
FAX: (269) 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—24
ENGR120, ELCT141, 142, MECT121, MECT235, INDT450,
ENGT310, or ENGT396 or GTEC395 or INDT315

BT—8
ENGR370, INDT310, AGRI395 or GTEC395 or INDT315 or
AVIA395

General Courses

See inside front cover for symbol code.

GTEC110
Freshman Seminar
(3-4)
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
College Seminar
(3-4)
See description under GTEC110. Repeatable.

GTEC298
Prior Learning Assessment
(1-32)
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
Cooperative Work Experience
(1-4)
Supervised (by the dean or his appointee) on-the-job work
experience with a cooperating industry. A minimum of 120 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
Prior Learning Assessment
(1-32)
See description under GTEC298. Total Prior Learning Assessment
credits (GTEC298 and 498) may not exceed 32 credits.

INDIVIDUALIZED PROGRAMS OF STUDY

For students who have career goals or special interests in areas
other than those provided in one of the established majors or
minors, a special individualized program is available in the
following degrees: Bachelor of Science, Bachelor of Science in
Engineering Technology, Bachelor of Technology, and Associate
of Technology. An individualized concentration may be planned to
meet the career goals of a student. Before the beginning of the
junior year for baccalaureate-degree students or the beginning of
the sophomore year for associate-degree students, the student,
with the assistance of his or her advisor, prepares a proposed
program of study. The program must be approved by a department
faculty and the College of Technology Academic Policies and
Curricula Committee.

AERONAUTICAL TECHNOLOGY

Seamount Building (Airpark)
(269) 471-3547
FAX: (269) 471-6004
airinfo@andrews.edu
http://www.andrews.edu/COT/avi

Faculty
Gary A. Marsh, Chair
Duane E. Habenicht
Richard L. Kaping
Daniel A. Thompson

Academic Programs

<table>
<thead>
<tr>
<th>Academic Programs</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BT: Aviation Technology</td>
<td>124-129</td>
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<tr>
<td>Flight</td>
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<tr>
<td>Flight/Business</td>
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<td>Flight/Maintenance</td>
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<td>Maintenance</td>
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<td>Maintenance/Business</td>
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<tr>
<td>AT: Aviation Technology</td>
<td>62-74</td>
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<td>Flight</td>
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<td>Maintenance (52)</td>
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<tr>
<td>Minor in Aviation Technology</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*</td>
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<tr>
<td>Private Pilot*</td>
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<td>Commercial Pilot</td>
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<td>Instrument Rating</td>
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<td>Flight Instructor</td>
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<td>Multi-Engine Rating</td>
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<tr>
<td>FAA-approved Part 147, Maintenance Technician</td>
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<td>Airframe</td>
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<td>Powerplant</td>
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<td>Airframe and Powerplant</td>
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Students may choose program emphases (or a combination of
them) in such areas as flight, maintenance and business.