



# COLLEGE OF TECHNOLOGY

M. Wesley Shultz, *Dean*  
Gerald W. Coy, *Associate Dean*

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<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

(Credits)

See inside front cover for symbol code.

### GTEC110

(3)

#### *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

(3)

#### *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 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

(1-32)

#### *Prior Learning Assessment*

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/aerotech>

## Faculty

Gary A. Marsh, *Chair*

Duane E. Habenicht

Richard L. Kaping

Daniel A. Thompson

Academic Programs	Credits
BSET: Aircraft Engineering Technology	155
BT: Aviation Technology	124-132
Avionics/Maintenance (Airframe)	
Flight	
Flight/Business	
Flight/Maintenance	
Maintenance	
Maintenance/Business	
AT: Aviation Technology	62-74
Flight	
Maintenance (52)	
Minor in Aviation Technology	25
Flight	
Maintenance (32)	
FAA-approved Part 141*	
Private Pilot*	
Commercial Pilot	
Instrument Rating	
Flight Instructor	
Multi-Engine Rating	
FAA-approved Part 147, Maintenance Technician	
Airframe	
Powerplant	