

## General Courses (Credits)

See inside front cover for symbol code.

GTEC ( - )

### 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.

GTEC ( - )

### College Seminar

See description under GTEC . Repeatable.

GTEC ( - )

### 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.

GTEC ( - )

### Cooperative Work Experience

Supervised (by the dean or his appointee) on-the-job work experience with a cooperating industry. A minimum of 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 credits. Graded S/U. Prerequisites: an associate degree in technology or equivalent and permission of the dean.



FAA Flight Certification Programs. Students may take flight instruction to qualify for several levels of certification. Students wishing only to take the content courses necessary for the specific flying expertise can take just the flight area courses as outlined under the respective certification requirements.

FAA Aviation Maintenance Certification Programs. Students may earn the following FAA approved certificates from the department's Aviation Maintenance Technician School:

- Airframe
- Powerplant
- Airframe and Powerplant

## **Courses**

## **(Credits)**

See inside front cover for symbol code.

### **Aeronautical Flight**

- |  |       |
|--|-------|
| AFLT104  | (1–4) |
| Introduction to Aviation   |       |
| Acquaints students with the history and opportunities in aviation, such as mission flying, flight instruction, aircraft maintenance, avionics, sales, safety, and aerodynamics of flight. Fall, Spring |       |
| AFLT115  | (4)   |
| Private Pilot Ground School  |       |

AFLT464

(2)

Basic and Advanced Ground Instructor

Prepares the student for the FAA basic and advanced ground

Includes an in-depth study of fuel-metering devices used on aircraft engines (carburetors, pressure carburetors, direct and continuous fuel-injection systems). Service, maintenance, repair and trouble-shooting of each different system type is covered in detail. Spring

AVMT228 \$ (1-3)

Maintenance: General, Airframe, or Power Plant Review

A review of all subjects from a selected curriculum. A

minimum of five examinations per curriculum area is required.

Prerequisites: All applicable curriculum subjects must have been completed. Fall, Spring

AVMT237 \$ Alt (4)

Aircraft Hydraulic, Pneumatic, and Landing Gear Systems

Operation and maintenance of aircraft hydraulic systems,