

Fall 1999 SYLLABUS: AVIATION MAINTENANCE TECHNOLOGY

STAFF:	Mr. Regier	Aero Office #7	Aero 11, Aero 22
	Mr. Kinzel	Aero Office #7	Aero 11, Aero 22
	Mr. Takacs	Aero Office #8	Aero 21, Aero 12
	Mr. Kanawyer	Aero Office #8	Aero 21, Aero 12
	Mr. Parsons	Aero Tool Room	

PURPOSE: The primary purpose of this course is to meet the Federal Aviation Administration requirements for certification as an Airframe and Powerplant Maintenance Technician.

LAST DAY TO DROP A CLASS:

September 15:	Aero 11
November 17:	Aero 12

It is the student's responsibility to drop a class in which he/she no longer wishes to be enrolled. Courses may not be dropped after the date shown unless there are extenuating circumstances as approved by the Dean of Students. Any course carried past the last date to drop a class will receive a grade. Additional information may be found in the College Catalog or the appropriate Schedule of Classes.

BOOK LIST:

1.	A&P Technician General Textbook	Jeppesen
3.	A&P Technician Powerplant Textbook	(Check for revised version)
4.	A&P Technician Airframe Textbook	EA ITP-A2
5.	1999 Aviation Mechanic General Knowledge Test Question Bank	Jeppesen
6.	1999 Aviation Mechanic Airframe Knowledge Test Question Bank	Jeppesen
7.	1999 Aviation Mechanic Powerplant Knowledge Test Question Bank	Jeppesen
8.	A&P Mechanics Powerplant Handbook	AC 65-12A
9.	Acceptable Methods, Techniques, & Practices	AC 43.13-1B & 2A
10.	Aircraft Gas Turbine Powerplants	Jeppesen
11.	Federal Aviation Regulations Handbook, (current version)	Jeppesen
12.	Aircraft Technical Dictionary, 3 rd Edition	Jeppesen
13.	Standard Aircraft Handbook, 5 th Edition	AERO (Leavell & Bungay)

REQUIRED PERSONAL SUPPLIES: Safety Glasses & Ear Protection (required in lab)
Six-Inch Ruler graduated in 1/64^{ths} (required in lab)
Scientific Calculator (recommend TI-30)

LATE ARRIVAL TO CLASS: Since good work habits are needed to become a successful aircraft maintenance technician, a student arriving late for class more than three times in any nine week "course" will be subject to dismissal from that Aero Course. Students shall report the time missed for taking any unauthorized breaks, or for missing any portion of lecture or lab to the instructor responsible for recording his or her progress for that day.

ATTENDANCE: Students are expected to meet in the assigned area for roll call in the Aero building no later than 7:30 AM each day. A student missing more than 15 hours in any nine week "course" must be dropped from that Aero Course.

MAKE-UP TIME: All time missed due to being late or absent in any portion of a subject must be made up within that subject. It is the student's responsibility to contact the instructor where the time was missed, to arrange to make up the time missed, and to verify that time made up is properly logged by that instructor.

MISSED TIME REPORT:

A missed time report form will be maintained for each student by the instructor responsible for lab roll call. Any time missed and subsequently made up must be entered on this form by that instructor. The missed time report forms will be accessible for student verification.

1. At the time of absence or late arrival the instructor will mark the student absent, enter the date, indicate whether the time missed was lecture or lab, and identify the subject(s) missed. **It is the responsibility of each student to verify that absences due to late arrival have been changed to actual time missed. If not corrected, each absence becomes six hours time lost. Verification shall be done on the same day of the late arrival.**
2. Students must report any time missed on the *Time Make-up Form* and submit it the appropriate instructor at the end of the class session. It is the student's responsibility to complete the time make-up form. At the time of make-up, the instructor will enter the date the work was made up and initial. At the end of each nine-week block of instruction the time missed and the time made up will be posted in the master records. All work must be made up in order to qualify for the A & P Mechanic certificate.

GRADING SYSTEM:

A simple percent score will be used to compute all graded work where possible. Lab projects may also be graded on the basis of airworthiness, safety, ability to follow instructions, and professional approach to each project. When each subject is completed, the instructor will combine all lecture and lab scores in that subject and convert it to a percent score. Wherever possible, lecture and lab scores will be weighted equally. **This score is the FAA Subject Score. Important Note: Each one of the 44 FAA subject scores must be at or above 70% to receive credit toward the Airframe and Powerplant Certificate. The College grade has no bearing upon meeting the FAA guidelines.**

The College final grade is computed differently. Each completed subject score is "weighted" in proportion to the number of hours of instruction it contains. These weighted scores are then combined with the College final exam which is worth 20% of the final grade. **This score is the College Grade.** The college grade is simply an average of all work completed in the course.

The College letter grade scale is as follows:

100-92% = A; 91-83% = B; 82-70% = C; 69-60% = D; 59-0% = F

DATES TO REMEMBER:

- | | | |
|----------------|--------|---------------------------|
| August 16 | (M) | Instruction Begins |
| September 6 | (M) | Labor Day Holiday |
| October 15 | (F) | End of Aero 11 and 21 |
| November 11 | (T) | Veterans' Day Holiday |
| November 25-26 | (Th,F) | Thanksgiving Day Holidays |
| December 17 | (F) | End of Aero 1, 11,&12 |

DAILY SCHEDULE:

Aero 11 & 12	Aero 21 & 22
Lec: 7:30 - 8:45 am	Lab: 7:30 - 10:10 am
Break: 8:45 - 8:55 am	Break:10:10 - 10:35 am
Lec: 8:55 - 10:10 am	Lec: 10:35 -11:45 am
Break:10:10 - 10:35 am	Break:11:45 - 11:55 am
Lab: 10:35 - 1:05 pm	Lec: 11:55 - 1:05 pm

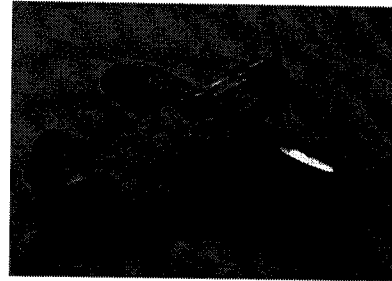
Please do not enter the Classroom while another class is in progress. No food or drink is allowed in the Aero building. The use of any form of tobacco is only permitted outside at the South entrance to the Aero building. Please help keep the area clean. Always maintain an attitude of safety in the lab. Always receive proper training before operating equipment that you do not know how to use properly. Safety glasses must be worn in all areas required. No open-toed shoes are to be worn in the lab.

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Fall 1999 Syllabus: Aviation Maintenance Technology



Fifty Two Years of *Tiger Spirit*



STAFF

+ Mr. Kinzel	Aero Office #7	Aero 11, Aero 22	3474
+ Mr. Regler	Aero Office #7	Aero 11, Aero 22	3318
+ Mr. Kanawyer	Aero Office #8	Aero 12, Aero 21	3475
+ Mr. Takacs	Aero Office #8	Aero 12, Aero 23	3243
+ Mr. Parsons	Aero Office	Dept Technician	3245
+ Mrs. Holms	Aero Office #8	Dept Secretary	3273

Purpose

- ↪ The primary purpose of this course is to meet the Federal Aviation Administration requirements for certification as an Airframe and Powerplant Maintenance Technician.

Last Day To Drop A Class

- ⊕ Monday, September 13, 1999
- ⊕ Friday, November 12, 1999

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- ⊕ It is the student's responsibility to drop a class in which he/she no longer wishes to be enrolled

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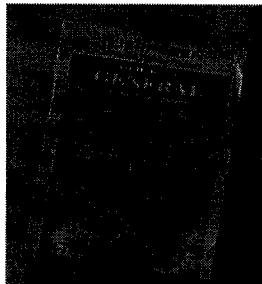
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***REQUIRED* Book List**

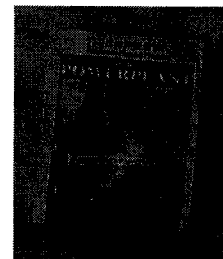
A&P Technician Airframe Textbook

⊗ Joppesen



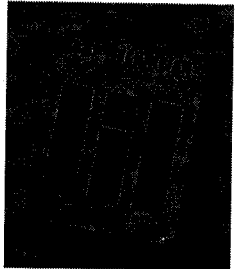
A&P Technician Powerplant Text Book

⊗ Joppesen



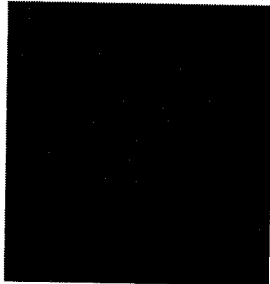
**A&P Technician
AIRFRAME TEXT BOOK**

• EA ITP-A2



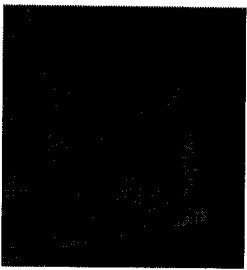
**1999 Aviation Mechanic
Question Banks**

- General
- Airframe
- Powerplant



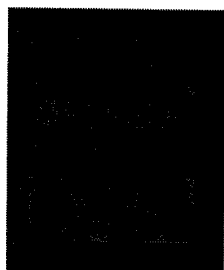
**A&P Mechanics
Powerplant Handbook**

• AC 65-12A



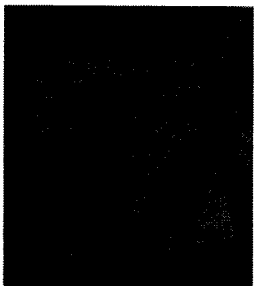
**Acceptable Methods,
Techniques, and Practices**

• AC 43.13-2




Aircraft Gas Turbine Powerplants

• Joppesen



**Federal Aviation Regulations
Handbook 1999**

• Joppesen

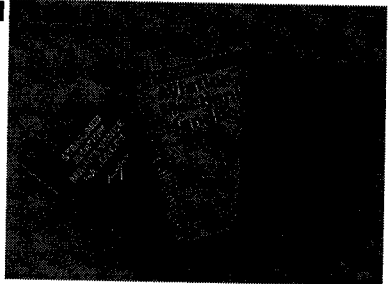


**Aircraft Technical Dictionary,
3rd Edition**

- Jeppesen


**Standard Aircraft Handbook,
5th Edition**

- Leavoll



REQUIRED Personal Supplies

- Safety Glasses
- Ear Protection
- Six Inch Rule
- Scientific Calculator



Late Arrival to Class

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Attendance

- Roll Call
- a student missing more than 15 hours in any nine week course must be *dropped from that Aero Course.*

Make-up Time

- All missed time *must be made up*
- Missed time report

Missed Time Report

- Form
- Late arrival / same day of the late arrival
- Absence will be reported on the return to class
- A non report of absence or late arrival will stand as six hours of absence

Grading System

- FAA Subject Area Score
- College Final Grade

Quick Quiz

- What time does your day in Aero begin?
- 7:30am.....



FAA Subject Score

- Basic percent score
- Lecture / Lab scores weighted equally
- 70%

College Grade

- Basic percent score
- Lecture / Lab scores weighted equally
- College final
 - 20%
- Weighted averaged with College final

Dates to Remember

- M August 16, Aero 11 / 12 Instruction begins
- M September 6, Labor Day
- M September 13, Drop Deadline
- T October 12 Aero 11 - 21 Final Exam
- Th October 14 United Airlines Tour
- M October 18, Aero 12 / 22 Instruction begins

Daily Schedule

Aero 11 & 12

- Lec: 7:30 - 8:45am
Break: 8:45 - 8:55am
Lec: 8:55 - 10:10am
Break: 10:10 - 10:35am
Lab: 10:35 - 1:05pm

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Classroom Etiquette

- No Food or Drink.
- No Tobacco.
- Do Not enter classroom while another class is in progress.
- Please Help Keep All Areas Clean.

Quick Quiz

- You may be dropped from your Aero class for how many late arrivals in one nine week class?
- Three



Aero Lab Etiquette

- Tobacco Use Permitted Outside at the South Entrance of the Aero Building.
- Always receive proper training before operating equipment.
- Safety Glasses must be worn in all area required.
- No Open-Toed Shoes.
- Please Help Keep All Areas Clean.

The End

