

BET 223 FAX Machines and Printers(4-6-6)

Course Description

This course provides students with knowledge and hands-on experience with the electronic circuits and mechanical systems of FAX machines and printers. Topics include terminology, FAX machine and printer processes, electronic/electromechanical systems, mechanical construction, fault identification, maintenance techniques, and trends in FAX machines and printers.
Prerequisites/Corequisites: ELC 118

Required Textbooks and Course Materials

1. Basic photocopier tool kit with digital multimeter per industry standards recommendation (furnished by student).
2. *Fast/Facsimile Skills Training Packet*.
3. *Electronic Troubleshooting*. Konica Business Machines

Course Competencies

- Terminology
- FAX machine and printer processes
- Electronic/electromechanical systems
- Mechanical construction
- Fault identification
- Maintenance techniques
- Trends in FAX machines and printers

Evaluation

Tests

A unit test will be given upon completion of each unit of study. The tests will cover material from lecture, laboratory work, and homework assignments. Unit tests will constitute 30% of the total course grade.

Assignments

Homework and in class assignments may be made by the instructor as necessary.

Laboratory

Lab work will be assigned in most units of study and will constitute 30% of the total course grade. All lab assignments must be completed on campus.

Examination

The final exam will constitute 40% of the total course grade. The exam will cover material from lecture, lab, and homework assignments. A make-up of the exam will not be permitted unless prior approval is obtained from the instructor.

Rules, Requirements, and Other General Information

Grading

Grades of A, B, C, D, or F are assigned to specify levels of performance in course work based on the following scale: A = 90 - 100, B = 80 - 89, C = 70 - 79, D = 60 - 69, F = 59 and below . These grades will be assigned based on student performance unless the student withdraws from or fails the class for reasons described below:

F - Failing. Indicates student's lack of achievement of the minimum level of competency required to pass the course. **Note: Students who stop attending class and do not formally withdraw from the class (or the college) will receive a grade of F.** See "Withdrawing from a Course" in the Admissions section of the Catalog.

W - Withdrawal. Indicates student's withdrawal from a class prior to the midpoint of the quarter published in the Catalog and the Calendar of Events.

WP - Withdrawal Passing. Indicates student's withdrawal from a class after the midpoint of the quarter (published in the Catalog and the Calendar of Events) and that the student was passing the course at the time of withdrawal.

WF - Withdrawal Failing. Indicates student's withdrawal from a class after the midpoint of the quarter (published in the Catalog and the Calendar of Events) and that the student was failing the course at the time of withdrawal. The **WF** is calculated into the quarterly average as an **F**.

Revised: September 2003

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