



ELECTRICAL/ELECTRONICS
ADVISORY COMMITTEE MEETING
CORRECTED MINUTES

Thursday - May 10, 1990
6:00 p.m. Rm. A-350B

Members Present:

David Braum - OCC Para-Professional/Electrical
Patrick Dean - OCC Para-Professional/Electronics
Brent Meyers - OCC Adjunct Faculty
Tim Pepper - OCC Adjunct Faculty/Engineering
Robert Powell - OCC Faculty/Electronics & Microprocessors
Bill Rush - OCC Faculty/Electronics & Microprocessors

The meeting was called order at 6:45 p.m. immediately after a light catered dinner was served.

I. NEW BUSINESS

After welcoming the attendees, Mr. Powell opened the meeting by overviewing:

- a) The Teleconference - ELECTRONICS TECHNOLOGY PROGRAMS FOR THE 90'S and its relationship to the work being done with the local area High Schools and Technical Centers relative to the TECH PREP effort.
- b) The merger of the Engineering Related and Applied Technology departments - why it was necessary and the curriculum implications relative to Electricity and Electronics.

II. CURRICULUM REVIEW

- a) Course Prerequisites

The proposed "CORE" curriculum affecting the Electrical and Electronics Programs was discussed in detail. The Committee as a whole commented that even though it is undesirable to relax prerequisites to the EEC 150 DC Fundamentals course (from 2 years of high school algebra or MAT 115 to 1 year of high school algebra) the strategy is necessary due to the



combining of the Electrical Trades and Electronics curriculum- which was appropriately viewed as a compromise.

The committee recommended approval of the new "CORE" (please see attached).

III. ELECTRICAL/ELECTRONIC COURSE RESTRUCTURING

The committee approved the following:

- a) ETT 101, ETT 102, ELT 101 & ELT 121 be consolidated, renumbered and renamed into one course - EEC 150 "DC Fundamentals"
- b) ETT 103, ETT 104 & ELT 124 be consolidated, renumbered and renamed into one course - EEC 160 "AC Fundamentals"
- c) ETT 105 be renumbered to EEC 170 to be consistent with the "CORE" number sequence.
- d) ETT 131 & ELT 127 be consolidated and renumbered into one course - EEC 190 "Basic Electronics".
- e) ETT 107 be changed to ELT 117 (CO-OP)
- f) ETT 207 be changed to ELT 217 (CO-OP)
- g) ETT 106 & ETT 112 be consolidated, renumbered and renamed into one course - ETT 250 "Electrical Machinery"
- h) ETT 111 be renumbered and renamed to ETT 260 "Industrial Electrical Systems"
- i) ETT 113, ETT 114 & ETT 133 be renumbered and renamed into one course - ETT 270 "Machine and Process Control"
- j) ETT 135 & ELT 202 be renumbered and renamed into one course - EEC 175 "Digital Systems"
- k) ETT 132, ETT 134 be dropped from the curriculum
- l) ELT 201 course name be changed from "Electronic Circuits" to "Electronic Systems"
- m) ELT 207 course name be changed from "Advanced Digital" to "Advanced Digital Systems"



IV. OLD BUSINESS - none

After thanking the Advisory committee for their support of the program and their sincere desire to help the college with their business knowledge, Mr. Powell adjourned the meeting at 8:30 p.m.

Respectfully Submitted,

Robert Powell 5/23/90