The University of Wisconsin—Extension offers the

BROADCASTERS CLINIC

Tuesday, Wednesday and Thursday
October 13, 14, 15, 1981

University of Wisconsin—Extension
Communication Programs

At The Sheraton Inn and Conference Center,
706 John Nolen Drive, Madison
GENERAL INFORMATION

FEE: Both days, $65; single day, $45; Wednesday dinner, $9.90; Tuesday, no charge. The registration fee includes all lectures, morning coffee and rolls, luncheons and hors d'oeuvres.

CREDIT: A total of 1.3 Continuing Education Units (CEU's) can be earned from UW-Extension by individuals participating in this program. These units are increasingly being accepted as evidence of educational attainment by professional associations.

LODGING: Please make your own arrangements with the Sheraton Inn and Conference Center. We suggest making your reservations by September 24, 1981 while discounted rooms are being held for the conference. Please specify that you are attending Broadcasters' Clinic. The address and phone number follow:
Sheraton Inn & Conference Center
706 John Nolen Drive
(608) 251-2300

DEADLINE: We urge you to send your registration fee prior to October 5, 1981. You may register at the time of the Broadcasters' Clinic, but we cannot guarantee lunch and dinner reservations with late reservations.

FOR MORE INFORMATION: Please contact Don Borchert, Vilas Communication Hall, UW-Extension, Madison, WI 53706/ (608) 263-2157.

TAX DEDUCTION FOR EDUCATIONAL EXPENSES
Treasury Regulation 1.162-5 permits an income tax deduction for educational expenses (registration fees, cost of travel, meals and lodging) undertaken to: (1) maintain or improve skills in one's employment or other trade or business, or (2) meet express requirements of an employer or a law imposed as a condition for retention of employment, job status or rate of compensation.

REGISTRATION FORM
BROADCASTERS' CLINIC/October 13-15, 1981
82-T-35-2100/253

Social Security Number

(Not mandatory—used only to ensure accessibility and accuracy of your educational record.)

Name

Title Organization station call letters

Work Address

City State Zip

Phone ( ) ( ) ; ( ) ( ) /%

area code business area code home

Please indicate which session(s) you plan to attend: Full conference (fee $65) [ ] / Wednesday only (fee $45) [ ] / Thursday only (fee $45) [ ] / Wednesday Dinner (fee $9.90).

MAIL THIS FORM TO: BROADCASTERS' CLINIC, Madison Registration Office, 101 Extension Building, 432 North Lake Street, Madison, WI 53706.

For more registration information call (608) 262-2451.
BROADCASTERS' CLINIC 1981 AGENDA

OCTOBER 13
11:00 a.m. Registration
1:30 p.m. WELCOME
   H. Richard Hiner, Mgr. WHA Television
2:00 FIRE! FIRE! WTVP PEORIA
   Donald L. Markley, Engineering Consultant
2:45 PROTECTING THE INTEGRITY OF YOUR SIGNAL ON CATV SYSTEMS
   Ralph Evans III, Engineering Consultant
3:30 MIDWEST REGIONAL SOCIETY OF BROADCAST ENGINEERS MEETING
   All BC attendees welcome . . . members and non-members
4:30 RECEPTION AND EQUIPMENT EXHIBIT

OCTOBER 14
8:30 a.m. AUDIO PROOFS . . . PITFALLS AND SOLUTIONS
   Dick Johnson, Custom Electronics, Faribault, MN
9:15 OPTIMIZING PHASOR ADJUSTABILITY
   Grant Bingeman, Continental Electronics
10:00 Break (Coffee and Rolls)
10:30 VHF MULTI PATH MEASUREMENT TECHNIQUES
   Marvin Crouch, Pres. Tennaplex Systems, Ltd.
11:15 FEDERAL COMMUNICATIONS COMMISSION
   Washington—Chicago—Saint Paul
12:00 noon Luncheon/Speaker: Jim Loupas, Consultant
2:00 p.m. PUTTING MA BELL INTO THE REAL WORLD OF RADIO
   Mark Durenberger, Special Projects
   Engr. KSTP St. Paul
2:45 CHECKING OUT FM AND TV ANTENNAS
   Dean Sargent, Engineering Consultant
3:30 THE COMPOSITE SIGNAL . . . KEY TO QUALITY FM BROADCASTING
   Jef Mendenhall, Broadcast Electronics Inc.
4:30 RECEPTION AND EQUIPMENT EXHIBIT
6:00 Dinner (Optional) (Top Sirloin)
7:30 BROADCAST ENGINEERING FORUM
   (Nuts and bolts session)
   Moderator: Stephen Brown, WCCO

OCTOBER 15
8:30 a.m. Concurrent Sessions

Session I
HOW TO LIVE ASSIST
   Mark Persons, M. W. Persons Associates
SATELLITE SERVICES FOR RADIO
   Tim Metzger, KSJM/KSJR
FIVE KW SOLID-STATE TRANSMITTER
   Fred Huffman, RCA Broadcast Systems
AUXILIARY POWER SYSTEMS
   Skip Dietrich, Arthur Dietrich Co., Milwaukee

Session II
QUALITY ASSURANCE IN BROADCASTING
   John Commuta, KNEI
THE DEVELOPMENT OF A DIGITAL CAMERA
   John O. Ryan, Ampex
RS 170B SCH CERTIFICATION AND GENLOCKING
   Bruce Blair, Lenco
10:30 Break
11:00 a.m. THE PEAK PROGRAM METER AND THE VU METER IN BROADCASTING
   Hans Schmid, ABC New York
12:00 noon Luncheon/Speaker: John Cunningham, Cleveland Institute of Electronics
2:00 p.m. ENGINEERING PANEL DISCUSSION
   F.C.C. - Consultants
2:45 HAWKEYE . . . A QUANTUM LEAP FORWARD
   C. Robert Thompson, RCA Broadcast Systems
3:30 TVRO FOR RADIO AND TELEVISION
   Mark Fehlig, Harris Corporation
4:15 Adjournment

Your Program Committee:
Don Borchert, WHA Radio/Television . . . Coordinator
Elmo Reed, Post Corporation . . . Green Bay
Warren Shulz, WFYR . . . Chicago
Ray Hernday, WTMJ . . . Milwaukee
Stephen Brown, WCCO-FM . . . Minneapolis
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