

## RADIO STUDY FOR F.C.C. LICENSE PREPARATION

The informal group work described below, non-credit in nature, is designed to help those who wish to qualify for F.C.C. licenses. Study groups will be formed when a sufficient number of students are interested, and will be carried on with the counsel of the radio instructor. These study groups will meet in the late afternoon or evening at such times as are agreeable between students and counselor.

**Code I:** beginning study of code practice. Receiving and transmitting. Message procedure of an elementary nature.

**Code II:** advanced code practice, intended to increase speed of receiving and transmitting. Advanced message procedure and the use of "Q" signals.

**Transmitters:** study of transmitter circuits—design, operation, testing, and servicing.

**Radio Broadcasting I:** intended for persons interested in receiving an F.C.C. commercial license. The main goal of this activity is to prepare for third-class examination which includes laws and operating procedures.

**Radio Broadcasting II:** intended to prepare for second-class commercial license. Study of laws and advanced theory.

**Radio Broadcasting III:** intended to prepare for first-class commercial license.

**Radio Drawing:** advanced radio and television schematic drawing; electric wiring diagrams; chassis layout, and the like.

## SECTION IV

## ADMINISTRATION AND FACULTY

## BOARD OF CONTROL

The Ferris Institute Board of Control, appointed by the Governor in 1950, through the provisions of Act 114, Public Acts of 1949:

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Vice-chairman: Col. Roy C. Vandercook . . . . .	East Lansing
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## ADMINISTRATIVE STAFF AND FACULTY

(As of May, 1953)

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A.B., Detroit City College; M.A., Wayne University; University of Michigan.	
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(Teaching field: Accounting, Economics)	
B.S., Michigan State Normal College; M.A., Michigan State College; LL.D., Ferris Institute.	
JOHN R. SMITH . . . . .	Assistant to the President
A.B., Alma College; M.Ed., Harvard University; Harvard University.	
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A.B., North Central College; M.A., University of Michigan.	
* * *	
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(Teaching field: Pharmacy)	
Ph.C., B.S., M.S., University of Oklahoma.	
JAMES T. TYREE . . . . .	Assistant Dean of Commerce
(Teaching field: Commerce, Education)	
B.S., M.A., University of Kentucky.	
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(Teaching field: Physics, Mathematics, Education)	
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\* \* \*

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NICHOLAS L. SABIA . . . . . Music Director  
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ROBERT G. SHERMAN . . . . . Athletic Director  
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\* \* \*

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- OLDRICH FRANK BITNAR** . . . . . Drafting  
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- FREDERICK BROEMER** . . . . . Accounting  
B.S., Ferris Institute; University of Michigan.
- JUNE CARR** . . . . . English, Social Sciences  
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University of Michigan.
- RICHARD H. COWARD** . . . . . Pharmacy  
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- MILTON E. DEURLOO** . . . . . Accounting, Income Tax  
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- STANLEY S. DRIEDRIC** . . . . . Botany, Zoology  
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- FLORENCE A. EMERY** . . . . . Shorthand  
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- FRANCES E. GOGARN** . . . . . Physics, Mathematics  
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- BERT M. HARTGERINK** . . . . . Accounting, Law  
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- CORNELIUS N. HEAFEY** . . . . . Pharmacy Stock Control  
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- OSKARS JIRGENSONS** . . . . . Chemistry  
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- FRIDOLF JOHNSON** . . . . . Social Studies  
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- FRANK J. KARAS** . . . . . Assistant Coach, Physical Education  
B.S., Michigan State College; M.A., University of Michigan.

- KARLIS KAZEROVSKIS** . . . . . Pharmacology, Pharmacognosy  
M.S., Ph.D., University of Latvia.
- MRS. KARLIS KAZEROVSKIS** . . . . . Laboratory Assistant  
M.S., University of Latvia.
- MILTON J. KELLY** . . . . . Law  
A.B., Northern Michigan College of Education; LL.B., University of Michigan; admitted to Michigan Bar, 1938.
- JOHN C. LANGMEAD** . . . . . Refrigeration  
Ferris Institute; Refrigeration and Air Conditioning Institute; University of Michigan; five years practical experience as Refrigeration Serviceman.
- ANDREW C. LINDBLOM** . . . . . Physics, Mathematics  
Yale; University of Colorado; B.S., University of Denver; Harvard; Mass. Institute of Technology; M.S., University of Wyoming; University of Michigan.
- HENRY LOWSMA** . . . . . Chemistry  
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- MRS. HENRY LOWSMA** . . . . . Botany, Physiology  
A.B., Nebraska State Teachers College; M.A., University of Wisconsin.
- GERALDINE TRAVIS MacGREGOR** . . . . . Typewriting  
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- RUDOLPH MALANDRO** . . . . . Accounting, Business Statistics  
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- GEORGE E. MARTIN** . . . . . Secretarial Training  
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- ABRAHAM H. MATALON** . . . . . Pharmacy  
B.S., Oklahoma State University; M.S., Ohio State University.
- MICHAEL J. McCUE** . . . . . Refrigeration, Air Conditioning  
Refrigeration and Air Conditioning Institute; training courses with Frigidaire, General Electric, Norge, Gibson, Kelvinator; University of Michigan; 15 years practical experience in refrigeration field.
- ARTHUR J. OETTMEIER** . . . . . Automotive  
B.S., Stout Institute; University of Michigan.
- WILLIAM A. PEARSON** . . . . . Biological Chemistry, Physiology  
Ph.C., University of Michigan; M.D., LL.D., Hahnemann Medical College; Ph.D., Philadelphia College of Pharmacy; Sc.D., LaSalle College; Wagner Institute; University of Michigan.

- KENNETH L. ROSS . . . . . Printing  
B.S., Western Michigan College of Education; M.A., University of Michigan; 11 years practical experience in printing.
- HEDDY E. ROSSI . . . . . Literature and Dramatics  
Ph.D., University of Vienna; Teacher's Certificate, University of Vienna.
- OSWALD J. ROSSI . . . Foreign Languages, Psychology, Sociology  
Ph.D., University of Vienna; Teacher's Certificate, University of Vienna; University of Grenoble; University of Bordeaux.
- JOHN FREDERIC SHREINER . . . . . Economics  
A.B., Oberlin College; M.A., Williams College; University of Wisconsin.
- PHYLLIS SERVIS . . . . . Assistant Librarian  
Certified by Michigan State Board for Libraries.
- LESTER H. SPENCER . . . . . Pharmacy  
B.S., Ferris Institute; M.S., University of Michigan.
- WILLIAM J. VAXTER . . . . . Printing  
Chicago School of Printing, 27 years printing experience.
- GEORGE H. WELLS . . . . . Bacteriology, Pharmacy  
A.B., Albion College; Michigan State College; M.S., University of Grand Rapids; University of Michigan.
- ANTOINETTE WITT . . . . . English, Speech  
Western Michigan College of Education; A.B., Kalamazoo College; University of Michigan.
- WILLIAM O. WOLFINGER . . . . . English  
A.B., Hope College; M.A., University of Michigan; University of Michigan.
- SHIRLEY M. YOUNG . . . . . Chemistry  
University of Wisconsin; University of Michigan; B.S., M.S., Michigan State College; Michigan State College.
- GARNET E. ZIMMERMAN . . . . . Radio and TV Repair  
Ferris Institute; University of Michigan; Radioman U.S. Navy, 1½ years. First-class F.C.C. Commercial License.

NOTE: In the descriptions of faculty training, colleges named **before** the Bachelor's degree listing indicate undergraduate study which did not culminate in a degree. Degree references are self-explanatory. Colleges named **after** the last degree listing indicate graduate work beyond the last degree completed.

**OFFICE STAFF**

Helen Windquist	Office Manager
Neva Cousineau	Secretary to the President
Eva Main	Secretary to Dean of Pharmacy
Margueritte Clark	Secretary to Dean of Commerce
Janice Paulson	Secretary to Dean of Instruction
Vera Jean Davis	Secretary to Director of Trades and Industry and Dean of Men
Martha Flowers	Bookkeeper, Accounts Payable
Maryellen Kyte	Secretary to Alumni Secretary
Leone Palmer	Secretary to Registrar
June Schattilly	Cashier, Accounts Receivable
Nancy Erickson	Veterans Clerk, Sec. to Director of Community Educ'n
Marie Ellison	Budget Control
Beth Wisner	Registrar's Clerk
Phyllis Wolcott	Sec. to Dean of College Preparatory, Property Clerk
Kathleen Cota	Receptionist, Switchboard Operator
Ella Melson	Bookkeeper for Housing and Bookstore
James Lundberg	Housing Director, Bookstore Manager
Jay Williams	Bookstore Clerk

**CUSTODIAL STAFF**

Melvin Dunn	Sup't. of Buildings and Grounds
James Costello	Janitor
William D. Ferguson	Janitor
Joseph Zetti	Janitor
George Mursch	Repairman
Harry Braley	Janitor
Bernie Bower	Housing Maintenance

**FACULTY STANDING COMMITTEES AND SPECIAL COMMITTEES**

(As of May 1953)

- ASSEMBLY COMMITTEE:** \*\*Mr. Shreiner, Mr. Sabia, Mr. Ross, Mrs. Nott, Mr. Spencer, Dr. Kazerovskis (Mr. Pattullo, ex-officio).
- ATHLETIC COMMITTEE:** \*\*Mr. Broemer, Mr. Andreson, Mr. Coward, Mr. Langmead, Mr. Jirgensous (Mr. Rankin, Mr. Sherman, ex-officio).
- COMMENCEMENT COMMITTEE:** Dr. Merrill, Mr. Wilson, Mr. Newton, Mr. Puterbaugh, Mrs. Allen, Mr. Martin, Mr. Zimmerman (Mr. Pattullo, ex-officio).
- HEALTH COMMITTEE:** \*Mr. Wells, Mr. Driedric, Mr. Karas, Mrs. Young, Dr. Pearson (Mr. Rankin, Mr. Pattullo, ex-officio).
- HOUSING COMMITTEE:** \*Mr. Lundberg, Miss Emery, Mrs. Witt, Mr. Hartgerink, Mr. Vaxter (Mr. Rankin, Mrs. Howe, ex-officio).
- INSTRUCTIONAL COMMITTEE:** Dr. Merrill, Mr. Wilson, Mr. Puterbaugh, Mr. Fairman, Mr. Tyree (Mr. Pattullo, ex-officio).
- ACCREDITATION REQUIREMENTS COMMITTEE:** Mr. Tyree, Mr. Malandro, Mr. Spencer, Mr. Andreson, Mrs. Howe, Mr. Shreiner.
- PURPOSE AND PHILOSOPHY OF FERRIS INSTITUTE:** Mr. Wolfinger, Mrs. Witt, Mrs. MacGregor, Mrs. Young, Mr. Driedric, Mr. Wisner, Mr. Ross, Miss Carr.
- RADIO PLANNING COMMITTEE:** Mr. Newton, Mrs. Witt, Mr. Johnson, Mr. Wells, Mr. Wisner, Dr. H. Rossi, Mr. Sabia.
- SCHOLARSHIP COMMITTEE:** Mrs. MacGregor, Mr. Johnson, Mr. Malandro, Dr. Lowsma, Miss Gogarn (Mr. Wisner, Dr. Merrill, ex-officio).
- SOCIAL ACTIVITIES COMMITTEE:** \*\*Mr. DeHaven, Dr. O. Rossi, Mr. McCue, Mr. Sherman, Mr. Matalon, Miss Carr, Mrs. Servis (Mr. Rankin, Mrs. Howe, ex-officio).
- TESTS AND MEASUREMENTS COMMITTEE:** Mr. Lindblom, Mr. Bitnar, Mr. Wolfinger, Dr. Bester, Miss Alton, Mr. Kelly (Mr. Wisner, Mr. Pattullo, ex-officio).

\* One Student Council Representative.

\*\* Two Student Council Representatives.

\*\*\* Three Student Council Representatives.

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