

REMEMBER . . . . .  
SABIN ORAL  
POLIO VACCINE  
AT THE  
FIELDHOUSE TODAY

# The Spectrum

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Vol. LXIII, No. 22

North Dakota State University, Fargo, North Dakota

February 27, 1963

## Nelson Wins In Close Presidential Race



Ken Nelson, left, who squeaked out a close four-vote-margin victory in his bid for Student Body President, is congratulated by his campaign manager, Jerry Exner. The job was done on \$7.41.

### Two Special Senate Meetings Decide

Two special Student Senate meetings have resulted in the certification of last Wednesday's student government election.

#### Korb Complains

The first meeting, held on Thursday night, was called by Student Body President Sherry Bassin at the request of Harold Korb, a defeated presidential candidate. By moving into executive session, the Senate allowed only Senate members, President elect Ken Nelson, his campaign manager, Jerry Exner, and the press to attend the meeting. This was done because Bassin and the Senate felt that a packed gallery would not be conducive to an orderly meeting.

Bassin called on Korb to present his reasons for requesting the special meeting. Korb protested the election on the grounds that the Spectrum, "Over the Back Fence," had violated election rules. President Bassin told Korb that he would have to put his objection in the form of a motion. Korb then moved for a new election on the basis that material appearing in last Wednesday's paper constituted a violation of the election rules.

Korb said, "To me, campaigning is trying to influence votes." He explained that campaigning on the

day of election was against election rules and that material in the Spectrum was campaigning.

Bassin asked presidential candidates Ken Nelson and Bill Findley whether or not they had anything to do with the article in the paper. Each answered that he didn't.

At this time, Joe Schneider, author of "Over the Back Fence," rose to defend his column. Schneider informed the Senate that he had talked to John Paulson, editor of the Fargo Forum-Moorhead Daily News. Paulson said that a case of this type had been decided in Alabama.

In this case, a newspaper came out in favor of a candidate on the day of election. The candidate backed by the paper won the election; the defeated candidate then sued the newspaper. (Campaigning on the day of election is against both federal and Alabama State law.)

The court held for the newspaper on the grounds that a newspaper can back or endorse a candidate whether or not it is on the day of election.

After relating this, Schneider said to Korb, "You don't have a leg to stand on."

Senate discussion then moved into a hassle about the Spectrum

and Schneider's column. Senator Harley Horsager said that he didn't think Schneider had the right to campaign in his column. The Senator added, "My protest is what we as Student Senate are letting happen to our newspaper. I don't believe that the Commission of Publications should allow these things to go on."

At this point, Senator Dave Milbrath said to Horsager, "You are imposing on freedom of the press if you criticize Schneider's column."

Columnist Schneider then asked Horsager, "What journalism have you had? It's obvious you don't know anything about journalism. 'Over the Back Fence' is a by-lined column, and I can say anything I want to as long as I can prove it." He pointed to journalism books he had brought to the meeting and said, "I have here journalism books that prove I'm right." No one challenged this statement.

Korb questioned statements made in Schneider's column asserting that they were "inaccurate." Reading from the column, Korb pointed out the statement saying that he had failed in planning and publicizing the constitutional amendment election held last spring.

Arguing against Korb, Jim Olson, Commissioner of Legislative Research, backed up statements which appeared in Schneider's column. "I feel," said Olson, "that there is a lot of question concerning whether or not Korb failed in his duty. If he had done his job, the election would have gone over."

Korb replied, "I personally feel I have supported my duties."

Ken Nelson asked why the papers came out earlier than usual on the day of election. Olson, who is Spectrum circulation manager, explained that class schedules were in the paper. The Spectrum was sent out early so that students could be sure of receiving the schedules. After the papers had been on campus one hour, a circulation assistant with extra papers went around campus to re-supply distribution points. "And we still ran out," he added.

Schneider commented that important front page corrections dealing with the election were another reason for the early circulation.

#### Olson Inaccurate

Horsager said that objections to the Spectrum's handling of the election went beyond the "Over the Back Fence" column. He stated that Olson's news story on the presidential campaign at the half way point was inaccurate.

Korb then read the following part of the story: "Korb said that his campaign machine will continue its publicity drive in the same manner as it has done thus far."

Addressing the Senate, Korb said, "I made no such statement." Olson then asked Korb if he were referring to the words, "campaign machine."

After an affirmative indication from Korb, Olson explained his use of the words. Olson said, "First of all, the statement is not in quotation marks. It is not intended to be his exact words. How

(Continued on page 12)

### Senate, Commissioners Announced

At a convocation on Monday, Ken Nelson, Student Body President, announced his commission appointments.

Bill Findley, past member of the commission of Intercampus affairs and present Senator, was appointed commissioner of campus affairs.

Other appointments include: Bob Norum, commissioner of publications; Judy Jensen, commissioner of finance; Jerry Exner, commissioner of intercampus affairs.

Dave Pollock, commissioner of

Student Union; Kerry Hawkins, commissioner of radio; Lee Grimm, commissioner of athletics; Phil Wattles, commissioner of legislative research; Tracy Robson, commissioner of music and programs.

Nelson also introduced the new senators who are: Jim Vorachek, Al Nelson, Tony Sotolongo, Ginger Mease, Fowler Humphrey and Maxine Jordheim for one year.

Ron Carlson, Ray Barnhart, Phil Wattles, Patty Dodge, Verlin Anderson and Dave Lee are the two year senators.

### Annual Choir Tour Takes Students South

The concert choir of North Dakota State University, under the direction of Robert Godwin, will leave Fargo on March 9, for its annual tour.

Recognized as one of America's outstanding choral organizations, the choir makes an extended tour throughout the nation each spring. This year's trip will take the choir on a two-week tour of Florida and ten other states.

The group will present concerts on five college campuses this year, as well as in several prominent churches and schools.

**The Itinerary**  
The choir, traveling in two chartered buses, will give their first performance at Wisconsin State College in LaCrosse, Wisconsin, on Saturday, March 9. Sunday afternoon they will sing at the University of Wisconsin.

Monday, March 11, they will appear in the auditorium of the Hammond, Indiana, High School. The Kentucky State College, Richmond, Kentucky, will hear the concert on Tuesday.

A concert will be given at the Chattanooga High School on Wednesday, and at the Central Presbyterian Church in Atlanta, Georgia, on Thursday. The choir will sing at Jacksonville University, Friday and in the First Presbyterian Church

of St. Petersburg and Gainesville, Florida, on Saturday and Sunday.

#### Florida, Then Home

The members of the choir will be guests on the campus of the University of Florida on Monday before they begin their return trip.

The choir will sing in the Memorial Presbyterian Church in Montgomery, Alabama, on Tuesday, March 19. Wednesday they will travel all day and will give their concert at Southwestern College in Memphis, Tennessee, on Thursday. They will sing again Friday at Central High School in Springfield, Missouri.

The last performance will be given in Iowa at the Thompson High School on Saturday. The choir will return to Fargo on Sunday, March 24, and will give their home concert in Festival Hall that evening.

Last year's tour took the choir west, the highlight of which was a performance at the Seattle World's Fair on North Dakota Day.

Several short trips have been made by the choir this winter. In January they traveled to Bismarck and the surrounding area. Last week they gave a performance at West Fargo High School.

### Board Names Swanston, Erickson And Richardson

Editors, business managers and associate editors for North Dakota State University student publications have been announced by Roger Helgoe, commissioner of publications.

Jim Erickson, Chem soph, will serve his second term as head of the Student News Bureau.

The Bison annual will be edited by Maggie Swanston, AAS jr, with Sally Jo Kaspari, AAS soph, serving as associate editor.

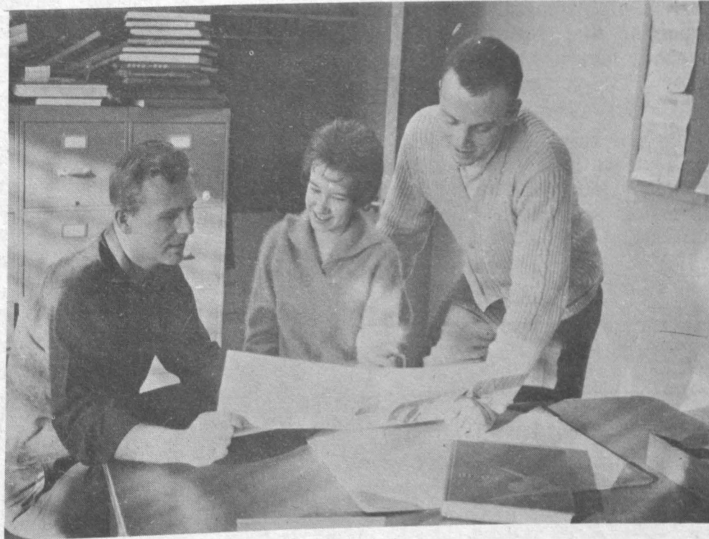
Ev Richardson, AAS sr, is the new editor-in-chief of the Spectrum. Ken Promersberger, AAS jr, has been named business manager and Joe Schneider, AAS soph, will continue as the Spectrum's associate editor.

Robert Norum, AAS soph, has

been named by Ken Nelson, Student Body President, to serve as the new commissioner of publications.

Sixty five students who have worked on the publications during the last year will be honored at the annual publications banquet scheduled for Friday night.

The Board of Publications is composed of three faculty members; Robert Crom, Beth Rochefort and Tom Goodale; three senators, Judy Jensen, Duane Burgland and Robert Norum; and the heads of the three publications, Cynthia Sether Johnson and Willis Kingsbury, Bison; Jim Erickson, News bureau; and Dora Gault and Dave Herstad, Spectrum.



Preparing to assume their duties as student publication heads are, from left to right, Ev Richardson, Spectrum editor; Maggie Swanston, Bison editor, and Ken Promersberger, Spectrum business manager. All three were recently elected to the posts by the Board of Publications.



## Letters to the Editor

# Conduct Committee Head Of Students Cites Probation Case

To the Editor:

Without commenting upon the prevalence of the practice nor all the issues involved, the Student Conduct Subcommittee wishes to make it known that the University's regulation prohibiting the reception of persons of the opposite sex in students' off-campus rooms is not a dead letter. This matter came to a head during the past week, when the Subcommittee met to hear a case based upon this rule, which appears in the Student Handbook.

This and other rules of student conduct established by the University are part of the contractual arrangement which the individual

accepts when he registers as a student.

The students involved in the recent conduct case were men who admitted to entertaining female guests at a dinner party in their apartment. These students have been placed on disciplinary probation.

While it is not usual to publicize conduct cases, this matter is given attention here only as an indication that behavior of this nature is subject to disciplinary action of equal or greater magnitude than that applied in this instance.

Student Conduct Subcommittee  
W. Roy Cook, Chairman

# Lackadaisical Attitude Of Campus Voters Noted

To the Editor:

Now that the hue and cry of the election is over, let us take a close look at the voting record of the students of NDSU. In the presidential race, there were a total of 1919 votes cast. With the enrollment of this institution at 3780 students, this means that approximately 50.8% voted.

As college students, we are supposed to be the future leaders of America. What kind of leaders are we producing if only slightly over half of us are interested enough in campus affairs to exercise our right to vote? Is this same lackadaisical attitude going to carry over into our future life as the leaders of the world's greatest nation?

I will grant you the fact that

a campus election, in some quarters, is regarded as a complete farce. However, this fact should be remembered: the people elected to office by the students disburse approximately \$78,000 of the student's money each year.

In last fall's gubernatorial race in Minnesota, the two candidates ran so close that no one is certain yet who will be the new governor. In last week's presidential race here on campus, the three candidates were separated by a total of four votes. This is living proof that our vote does count, and it is our duty, as students of NDSU and as citizens of the United States to vote in each and every election.

Dave Swanson

# Rahjajs, Cheerleaders Criticized for Spirits

To the editor:

There have been many proposed answers to the program of athletics at North Dakota State University. To my knowledge, no course of action has been taken at this time by either students or administration. At this time I do not feel that I have been at SU long enough to have accumulated a broad or informed position as to what the administration can do, but I do feel that I can question the students.

Last night (Saturday) we played Augustana. It was certainly not one of our more spectacular games, but it did have exciting moments. All schools that I know of which have major sports have cheerleaders and many have the male counterpart. I think we have such groups here on campus, but I am not sure.

Out of the five cheerleaders I think we have, two were at the game on Saturday. Where were the other three? I would like to know. It is my feeling that if a girl is

given the responsibility of leading the student body at games she could at least have the decency to show up and perform her duty or not accept the position.

Out of the thirty-five Rahjajs we have on campus I counted six at the game and they were so (censored) drunk they had no idea there was a game being played. Where were the rest of them? I would like to know.

It is my opinion that if these organizations can not do the job they have either been given or have undertaken, they should quit. Of course I may be all wet and full of silly high school ideas about supporting the squad. If I am, somebody please correct me before I stand up at the next athletic event and cheer.

I do not think I am wrong, so may I please have some comments on what I have just stated above, by either said groups or other students.

Tom Feigum  
Fr AAS

(Editors Note: This is the last Spectrum to be published this quarter. The next edition will come out on March 27.)

### The Spectrum

The Spectrum is published every Wednesday during the school year at Fargo, North Dakota by the NDSU Board of Publications, State University Station, Fargo, N. D.

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Editor-in-Chief \_\_\_\_\_ Dora Iva Gault  
Associate Editor \_\_\_\_\_ Joe Schneider  
News Editor \_\_\_\_\_ Everett Richardson  
Sports Editor \_\_\_\_\_ David Pollock

## Intelligence Of Students Questioned

To the Editor:

I have always thought that the average college student was reasonably intelligent, but I feel that something is lacking in the person or persons responsible for putting the name change measure on last week's election ballot.

I know a good many people, including myself, who did not vote on it simply because they didn't know what they were voting on. Others voted "no" for the same reason.

I have heard it blamed on the person in charge of publicizing the measure, but I feel that this is unjustifiably done. Had the amendment itself, instead of a mere reference to it, appeared on the ballot, no publicity would have been necessary.

Change the Student Body Constitution to read essentially, "NDSU" instead of "NDAC"? Absolutely! It should have been done three years ago.

I personally feel that less than one student in a hundred would have honestly voted against this amendment, had it appeared on the ballot correctly.

James G. Furbur  
Ag sr

# Union Coffee Refill Station Has Problems

To the Editor:

"How many coffee cups do you have in your purse?" I was asked this question by Dale Brostrom, Memorial Union Director, in regard to the coffee refill situation in the Bison Room of the Union.

Although girls are the primary offenders, both fellows and girls have been observed bringing their own cups in and out of the room with them. The girls use their purses, the boys their jacket pockets. "We definitely know it's going on," continued Brostrom, "and I suppose we could make a disciplinary action out of it. It is stealing, first, by just taking the cups out of the Union, and secondly, by coniving to obtain merchandise without payment."

The important thing about the problem is the fact that these few could be jeopardizing the service for the others. Some people have more than one refill. Brostrom went on to explain that they expected this and feel it balances out with those who have only one. If necessary, the "second" service will be discontinued. It is hoped, however, that by publicizing the fact it is being done, the students themselves will shame the offenders into quitting.

Gordon Teigen, assistant Union director, overheard a comment in which a girl stated that she had 24 refills with just one cup. Concerning the situation, Teigen feels, "If it is not just a fad, which I hope it is, action will have to be taken." He and Brostrom agreed that it is not the money involved, but the idea of "what kind of people we have." Both believe it could turn into quite a problem.

"It's like chewing second-hand gum; it's pretty ridiculous," added Brostrom, "and we hope it stops." My sentiments exactly!

Maggie Swantson  
AAS jr.

## Editorials

# KEY IDEAS

"A BLUE KEY MEMBER SPEAKS"



by Ken Nelson

Some of us are attending North Dakota State University because it's the thing to do. Some are here to socialize and have a good time. Others are at school as a preparatory step to obtaining a respectable job. A few are here to pursue truth.

For whatever reasons we find ourselves on this campus, we have a responsibility to investigate. We are encouraged to investigate our special field of interest. We are encouraged to ask such questions as "Why do we exist?" and "What is life all about anyway?"

We've seen friends who've "gone religious." William Jennings Bryan and Abraham Lincoln, in speaking of their lives, pointed to their personal commitment to Jesus Christ.

U. S. Olympic decathlon champion Rafer Johnson claims that "since that night I took Jesus Christ into my life, every phase of my life has been so much fuller and richer, socially, academically, athletically, and spiritually."

The nature of our job as college students and the impact that Christianity has had on the lives of individuals demand that we investigate the claims of Christ on our lives.

# Spectrum Year Reviewed By Outgoing Editor

This is the last Spectrum until March 27, and with it, this editor loses her position. For the next two quarters, Everett Richardson will be responsible for the University's newspaper.

The past year has been an exciting one for the Spectrum Staff. There have been three editorial systems in three quarters; there have been two faculty advisors; (Vern Niese is on a sabbatical leave this year and has been replaced by Tom Goodale); and for the first time in history the Spectrum published 16 pages last quarter.

The Spectrum was stuck with the Blue Pencil for the first last term. This was of course, over Joe Schneider's column, "Over the Back Fence."

It is hoped by the outgoing editor, that the Spectrum will never again be censored. The staff consists of persons who are training to become journalists or for some related field. These students must realize the situation at hand and make the necessary decisions as they arise.

Although Schneider has not always met his deadlines and although many persons on campus do not agree with some of his mutterings, this writer offers congratulations for a job well done.

It was the goal of this editorial staff to increase the student interest in the paper during the year, and thanks to Schneider, this has been accomplished. This fact is evident when one sees the amount of letters to the editor and guest editorials which is received each week.

Thaxn STAFF!

DIG

## Intercampus News

# Greek Council At MSTC Draws Editorial Criticism

(Editors Note: Recent comments by members of NDSU's student body, regarding our own Interfraternity council, have made this guest editorial appropriate and timely. We hope that such degeneration of our own Council will not be the case.)

Perhaps it is time to look into the activities of one so-called organization on campus that is not serving a definite purpose and is not making use of its available resources. This organization is the Greek Council. This of course relates immediately to the Greeks perhaps one of the most influential groups on campus. Why then has Greek Council been a failure in every sense of the word?

The Council is comprised of representatives from each Greek group on campus. They supposedly meet every Tuesday evening.

What actually happens at a meeting is a different matter. Having attended one meeting, that was enough; it seems that all that is discussed is the Greek parties they sponsor. Parties are good; in fact the Greeks have had some of the best parties on this campus, but surely there is more that this group can do. They no longer have a faculty advisor. He can find better things to do with his time than discuss parties.

So what, you say they have the basic elements of an excellent group. They have the numbers behind them so why can't they act on some constructive matters. How about a Greek and social interest pool, sponsoring an exchange student or showing the independents what they miss in the way of Greek life.

These are but a few suggestions, surely an active group can think of more things to do. The time has come for this particular organization to do something or disband. - MSTC "RED AND GREEN"







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\*You can read the dramatic report of the world's most rugged winter Rallye in Sports Illustrated's February 4 issue. And you can get the full story of this and Ford's other total performance accomplishments from your Ford Dealer.



FALCONS TOOK CURVES LIKE THESE—hundreds upon hundreds of them—and proved that road-holding is not a European monopoly. In fact, Sports Illustrated magazine called them "the new kings of the mountains" and quoted a London newspaper as declaring, "The Falcons are part of a power and performance plan that will shake up motoring in every country of the world."



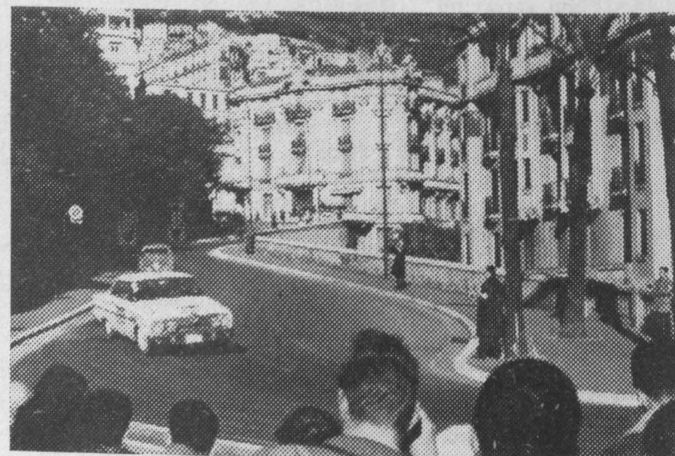
DEEP SNOW on the Col de Turini special section didn't even slow the "Sprint." And sure-footed Falcon also amazed the Rallye experts by its traction on glare ice.



STORMING ALONG IN THE FRENCH DUSK, a Falcon plunges into the third night behind the special lights that let a Rallye driver see around curves, spot patches of ice, penetrate fog.



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Placement Office

Job Interviews

**Wednesday, February 27**  
**United States Gypsum** will visit the campus with primary interest in visiting with chemistry students majoring in protective coatings. Formative Products Division will be represented on campus seeking candidates for research assignments. U. S. Gypsum represents a complete line of construction materials made from gypsum rock. All engineering students interested in this industry are welcome to register for employment interviews.

**Commonwealth Edison Company** of Chicago, Illinois, would like to interview senior electrical engineering and mechanical engineering students. Commonwealth generates and sells electricity in Chicago and over an 11,000 square mile area in northern Illinois.

**North American Aviation** of California will be represented by interviewers from three divisions of the company, Autonetics at Downey, California; Los Angeles Division and the Space and Information Systems Divisions also at Downey, California. All technical students interested in aviation, space flight and related activities are invited to register for interviews with one or more of the divisions represented on campus. Brochures and company information are on file at the placement office.

**Thursday, February 28**  
**Food and Drug Administration** will once again recruit on campus to fill positions as food and drug inspectors and chemists. It is necessary that all students hired as inspectors must pass the Federal Service Entrance Examination. Chemists need not write the examination to be offered positions with the agency. Contact the placement office for additional information.

**Procter & Gamble Data Processing Department**, Cincinnati, Ohio, is recruiting graduating students having an interest in the data processing systems field. All business economics students, math ma-

jors and other students desirous of learning more about opportunities with the Procter & Gamble organization are invited to register for interviews. Contact the Placement Office.

**Nash-Finch** wholesale food distributors will visit the campus requesting interviews with March and June graduates interested in being considered for a management training program. The company prefers to consider young men who have completed their military obligation and have no objections to doing a limited amount of traveling during the training period.

**Friday, March 1**  
**Cargill, Inc.**, with home offices in Minneapolis, Minn., is involved in the purchasing and processing of grain and oil bearing seeds. A company representative will be on campus to interview all students interested in being considered for a training position. No special degree requirements are stipulated by the company. All interested students are welcome to register for interviews.

**Western Research & Development Laboratory** of the United States Department of Agriculture, will visit the campus seeking applicants to fill research positions involving mechanical engineering, microbiology, food technology and pharmacology. The laboratory is located in Albany, California, and the facility is designed to conduct basic and applied research to better utilize American farm crops. All interested students are welcome to interview.

**Monday, March 4**  
**The Wall Street Journal** of New York will again be represented by Howard Maher, assistant manager of personnel. They have a continuing need for electrical and mechanical engineering graduates for both research and management training as well as accountants and men interested in advertising space sales.

**The Veterans Administration** is seeking engineering graduates to

enter a formal training program designed to produce the personnel needed for development and maintenance of V.A. facilities throughout the country. Specific areas include structural, mechanical, electrical and sanitary engineering, operation of utility systems and safety engineering. All interested students should register for personal interviews.

**Monday and Tuesday, March 4 and 5**  
**Ralston Purina Company - Sales Division** will be represented on campus by Glenn Thoeny, sales manager of the Minneapolis division. All students interested in sales positions with the company are requested to attend a group meeting Monday at 4 p.m. in the Placement Office area of the Student Memorial Union building. Thoeny will be available for personal interviews on Tuesday.

**Tuesday, March 5**  
**Ottertail Power Company** of Fergus Falls, Minnesota, will interview all senior electrical and mechanical engineering students for career positions with the company. Summer employment opportunities will also be available to a limited number of students who have completed their junior year in engineering. Register with the Placement Office for interviewing appointments.



Discussing the Peace Corp with Gerald Welu (left) and Roy Johnson (right) is Melvin Thompson. Last week Thompson was on campus telling the story of the Peace Corp, its accomplishments to date and the opportunities it holds.

**Dr. Mork To Speak Friday, March 1; Final Tri-College Conference Address**

Dr. Gordon M. A. Mork, director of student teaching at the University of Minnesota, will give the final address at the Tri-College Student Teaching Conference Friday, March 1.

Dr. Mork will speak on "Understanding Classroom Teaching - Learning Processes in Student Teaching" at the evening meeting

in North Dakota State University's Memorial Union ballroom.

The conference is planned by the three colleges, Concordia, Moorhead State, and NDSU, and is the first planned for school personnel working with student teachers from all the colleges.

The one day meeting will be opened by Dr. Harold Dordal of Concordia College at 2 p.m. in Meinecke Lounge, NDSU Union.

A panel discussion on "Orienting the Student Teacher and Helping Him Assume Responsibility for Instruction" will be given by Allan Larson, superintendent from Mahanomen Public Schools, Minnesota; John Isaak, principal of Elbow Lake High School, Minnesota; and Ruth Hanson of the MSC Campus School.

James Lundstrom and John Benson of Fargo will discuss "Activities of a Commission on Student Teaching Within a School System."

The teachers and school administrators will divide into sectional groups to discuss elementary education and special subject areas from 4-5. Teachers from throughout the area will participate in these discussions.

At 5 p.m. a special session for schools interested in starting student teaching programs will be conducted by Dr. T. E. Smith of MSC. Presiding at the 6:30 dinner will be Dr. Hale Aarnes of NDSU, who will introduce Dr. Mork.

Mork has headed the student teaching program at the U of M College of Education since 1961. He is a professor of education and educational psychology. A native of North Dakota, he received his B.S. degree from UND and his M.A. and Ph.D. degrees from the University of Minnesota.

He has taught in several Minnesota High Schools and was head of teacher training and education at Bemidji State Teachers College before joining the University of Minnesota staff.

Dr. Mork is listed in American Leaders in Education and American Men of Science. He is former president of the Minnesota State Teachers College Inter-Faculty Association. He was a Fulbright Research Scholar at the University of Oslo, Norway, in 1960-61 and has written many articles on Science and Teacher Education.

**Science Foundation Grant Awarded NDSU College**

The North Dakota State University College of Chemical Technology was awarded a \$10,130 National Science Foundation Grant, according to President H. R. Albrecht.

The grant, under the direction Dr. Donald Schwartz, professor of chemistry, is made with the understanding that these funds will be used to support an Undergraduate Instructional Scientific Equipment Program. This will aid in the next crucial task of meeting the nation's requirements for scientists and engineers.

The purpose of the grants is to upgrade scientific instruction and is given to colleges which have shown that progress is being made.

A select number of colleges are eligible, and the selection is based on the number of Bachelor of Science degrees given, according to Schwartz.

Items under consideration for purchase are: a spectro-photometer, a polarograph, an x-ray diffraction apparatus, and an emission spectrograph, which identifies very small amounts, and a variety of lesser equipment.

The equipment will greatly accelerate the offerings in chemistry for planning high calibre coursework in instrumental analysis, which has been impossible until now. The program will help to introduce the undergraduate to research.

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The Memorial Union State Room, as of last week, sports this new furniture purchased at a cost of \$11,000. It is hoped that the booths, which increase seating capacity, will, through their better appearance, take some of the pressure off the Bison Room during noon meals.

### High School Day Set For Sharivar

North Dakota State University's Sharivar will include a High School Day, planned by a faculty-student committee.

The committee was chosen and includes both faculty and student members. The faculty members chosen were: Dr. Sandel, chairman; Emily Reynolds, Jack Westra, Dr. Quentin Stodola, Col. Edwin Clapp, Dr. Seth Russell, Dr. F. H. Sands, Dean Frank Mirgain, Lois Bonnema and Dr. Hale Aarnes.

The students chosen include: John Clark, vice chairman; Judy Van Vlissingen, Kay Oveson, Phil Wattles and Harold Korb.

The committee has met several times in past weeks to plan the activities for all high school students. They are working on a program of events which they are directing at both the high school students and their parents.

Panel discussions and faculty speeches will be conducted. Some of the topics will include: "Selecting an Academic Program," "Financing Your Education," and "How to Succeed in College."

These discussions are being conducted to aid the student in making decisions regarding, among other things, scholarship application.

The purpose of High School Day

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is to encourage able students to attend college and to select NDSU if they find its program meets their needs.

## "Outstanding Dance, Real Talent" Featured In Orchesis Presentation

by Jean Pulkrabek

"What Happened To The Minuet?" presented by Orchesis Dance Society last week, offered selections on a variety of themes.

The show opened with a delightful story, staged in a hat shop and told in dance. The mannequins came alive and presented their various personalities cleverly. "Alley Cat" was the theme for the number titled "Meow." The threesome of Dona Rhines, Karen Sanderson and Kay Grieve did a good representation of this musical number. The real "surprise" cat in the garbage can added a bit of humor.

Black light, showing an iridescent quality to the costumes worn in "Dry Bones," was very effective. Other numbers offered the feeling of fantasy. The exotic and primitive "Taboo" was executed rhythmically with good timing and precision. "Latin Rhythm"

was quick and spicy.

Outstanding dancing was done by four members of Orchesis Dance Society. Murtha Bateman was extra sweet and expressive in the dance "One Boy." Bobby Nelson shows real talent and showmanship in "The Runway."

Karol Sue Gagstetter is a delight to watch and has a trained control over all her dancing. She was able to express beautifully the number "This Is My Beloved."

There is always one clown in a group. Judy Van Vlissingen combined her talents to make her audience laugh and her dancing to make the show complete.

Marillyn Nass, director of the production, has again put forth an enjoyable presentation, filled with variety, spice, feeling and, above all, free interpretation. The costume effects and marvelous choreography were better than ever.

The show closed to the "Swanee River Suite," featuring the entire cast and three curtain calls of applause.

### "Doll House" Set March 1-2

Valley City State Teachers Drama Club will present Henrik Ibsen's "A Doll House," under the direction of Judith Ann Spear, advisor of the Drama Club and instructor in English.

The performance will be held at 8 p.m. on Friday, March 1, and on Saturday, March 22, in the college auditorium.

Admission rates are: adults, one dollar; students, seventy five cents, and fifty cents for children under twelve years of age.

Everyone is encouraged to attend.

# Get Lucky Play "Crazy Questions"

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**RULES:** The Reuben H. Donnelley Corp. will judge entries on the basis of humor (up to 1/3), clarity and freshness (up to 1/3), and appropriateness (up to 1/3), and their decisions will be final. Duplicate prizes will be awarded in the event of ties. Entries must be the original works of the entrants and must be submitted in the entrant's own name. There will be 50 awards every month, October through April. Entries received during each month will be considered for that month's awards. Any entry received after April 30, 1963, will not be eligible, and all become the property of The American Tobacco Company. Any college student may enter the contest, except employees of The American Tobacco Company, its advertising agencies and Reuben H. Donnelley, and relatives of the said employees. Winners will be notified by mail. Contest subject to all federal, state, and local regulations.

THE ANSWER:  
THE NORTH POLE

George Greer, Florida State Univ.

Star in the sky?

THE QUESTION: What keeps the North

THE ANSWER:  
PIG IRON

Stanley C. Kranc, Northwestern Univ.

to get the wrinkles out of a pig?

THE QUESTION: What would you use

THE ANSWER:  
TARZAN

Doug Johnston, Univ. of Arizona

'Stripes Forever'?

THE QUESTION: What comes before

THE ANSWER:  
Blunderbuss

Benjamin R. Gardner, Virginia Military Inst.

misses its mark?

THE QUESTION: What is a kiss that

THE ANSWER:  
choo choo trains

Sol Giskan, City College, N. Y.

Jackson always in such great shape?

THE QUESTION: Why is Choo Choo

THE ANSWER:  
BUCCANEER

Jerry Dietrich, Univ. of Nebraska

a really high price for corn?

THE QUESTION: What would you call

THE ANSWER IS:

# Get Lucky

the taste to start with...the taste to stay with

THE QUESTION IS: WHAT IS THE SLOGAN OF THE MOST POPULAR REGULAR-SIZE CIGARETTE AMONG COLLEGE STUDENTS? If you missed that one, go to the rear of the class. Everyone should know that fine-tobacco taste is the best reason to start with Luckies, and that taste is the big reason Lucky smokers stay Lucky smokers. Prove it to yourself. Get Lucky today.



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# 'Pajama Game' Will Need Knives, Sewing Machines and Co-eds

by Frank Bernhoff

Materials of a wide assortment will be needed for the Blue Key production of "The Pajama Game," for use as props before show time April 25-27. 100 pair of pajamas, knives for a character's cutlery-throwing act,

and sewing machines to be employed in the Sleepite Pajama Factory are desired items.

### An All-"U" Production

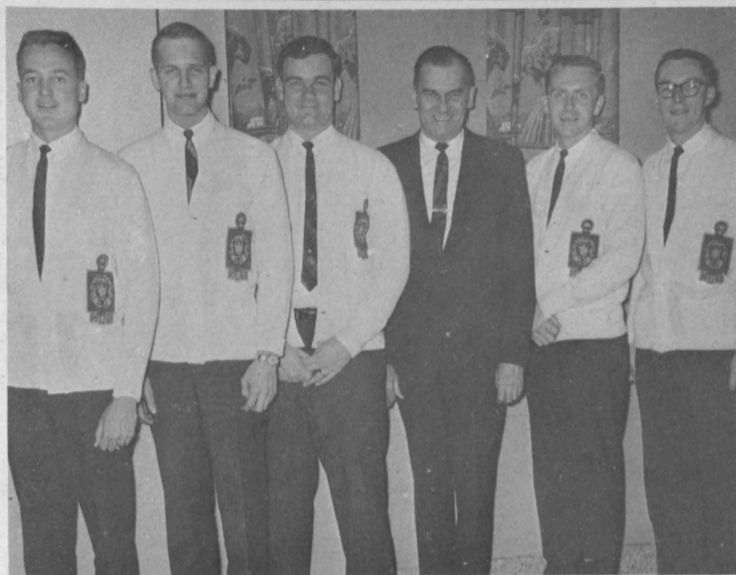
Larry Schultze, stage manager, emphasizes that each student on campus should remember that "The Pajama Game" is an ALL

University production and everyone, whether boasting talent or not, should turn out. He continued, "There is much labor to be accomplished on sets. Coeds are desired for make-up and costuming, and the backstage crew needs bolstering." Anyone interested in these or similar activities should contact him as soon as possible.

Co-producers Ian Strachan and Dick Moorhead have concrete reasons to believe that this year's musical could be even superior to the vigorously lauded production of last spring. Strachan bases this view partially on the improvement of the Fieldhouse sound system. Difficulties in acoustics were ironed out by the sound engineer traveling with the Broadway production, "Sound of Music."

Personnel for action backstage include Harold Korb, assisting Schultze; Roman Kline and Roger Lervick, property; Don Eck, sets; and Harley Horsager and Lowell Christianson in charge of lighting and sound, respectively.

Last week, according to unidentified campus gossip, one energetic, eager student was noted scrambling to tryouts, dodging police, for he was clad in pajamas!! The production does require this article of clothing, but . . . !



Six new members were initiated by Blue Key on February 21. They are, from left to right, Russ Maring, Jim Vorachek, Willis Kingsbury, SU president H. R. Albrecht, who received an honorary membership, Everett Richardson, and Kerry Hawkins.

# Speaker Cites Public Role In International Affairs

by Sue Kurke

Andrew Berding, speaking at a recent North Dakota State University convocation, expressed his views regarding the public role in United States foreign policy.

According to Berding, there are three major reasons why the American people are showing a greater concern for America's foreign policy.

First, there have been changes of considerable importance on the world scene. These include the growing ideological and national interest cleavages between the Soviet Union and Communist China and the growing nuclear might of both the United States and the Soviet Union.

Secondly, there have been important changes in our foreign policy. "It has become more independent," said Berding, "as was obvious by our treatment of the Cuban crisis."

The last point brought out by

Berding with regard to public concern in foreign affairs was that it has become much more complicated than ever before. He pointed out the difference between the world situation now and between World Wars I and II when we were basically isolationist.

Berding stressed the idea that foreign policy should be made by the President and not on the basis of public opinion polls. He said use of polls was eliminated at his request during his term as assistant Secretary of State on Public Affairs.

"The President," continued Berding, "should make more use of press conferences, as should the Secretary of State." Said Berding, "Here is a wonderful opportunity going to waste." He referred to the fact that the public can be generally better informed through direct word from the President than by policy views after it has leaked out through other sources.

# Regional Studies Institute Investigates North Dakota

by Judy Saunders

Not everyone believes North Dakota to be a barren wasteland.

The people involved in the Institute of Regional Studies have been working for thirteen years to stimulate research in the resources, and to improve the image of this state.

The organization was designed with the purpose in mind of doing research in different areas, especially in the social sciences. It was begun by the faculty of the College of Arts and Sciences at North Dakota State University.

An area first explored by the group was that of regional publications that had not been printed. A handbook on North Dakota plants, by retired botany professor Orin Stevens, was the first such contribution by the Institute. The

book is now in the process of being reprinted for the third time.

The project being considered for this year concerns bonanza farming in North Dakota during the 1880's. The collection of information regarding this subject is one of the largest in the Institute's possession.

Each year, a \$100 scholarship is presented to a student who is working on a worthwhile project. From past examples, it appears that these scholarships can mushroom into something much bigger for the recipient.

Grants are also made to instructors to carry on research projects during the summer months. With such a grant, Richard Lyons, assistant professor of English at NDSU, has been working for the last two summers on North Dakotans' interest in art.

# Election Rules Are Announced

### Married Students Assn.

★ Information sheets concerning the election and nomination forms will be distributed at spring quarter registration Monday, March 18.

★ Anyone desiring to be a candidate for either mayor or councilman from his respective precinct must submit his nomination form to the mayor or any councilman by 6 p.m. March 18, for his name to appear on the ballot.

★ Eligibility requirements:

- a. Scholastic average of at least 2.00.
- b. Candidates must have at least one year of school left after this winter quarter.
- c. Either husband or wife may be a candidate.
- d. Either an undergraduate or a graduate student maybe a candidate.

★ It is suggested that each candidate distribute information concerning name, address, major, scholastic average, precinct, etc.

# NOTICES

### Amateur Radio Society

The North Dakota State University Amateur Radio Society will hold a regular meeting at 7 p.m. Thursday, February 28, in conference room A, Memorial Union.

### Vet's Club

There will be a Vet's club meeting Thursday, February 28, 7:30 p.m. in Memorial Union. Election of officers will be held. All veterans invited. Refreshments will be served.

### International Relations Club

The International Relations Club will have a panel on American Foreign Policy with a discussion to follow.

The panel will consist of foreign students with Major J. H. Seward as moderator. This meeting will be held on Wednesday, February 27, at 7:15 p.m. in the faculty lounge in the library.

Everyone is welcome. Refreshments will be served.

# Campus Organizations Elect, Hold Initiations

### Phi Kappa Phi

Phi Kappa Phi, national honorary society, has announced the initiation of ten new members.

Initiated on February 21, were: Alf Clauson, Deanna Henderson, Ann Bertelson, and Sandra Johnsgaard, all from the College of Arts and Sciences.

Robert Kinneberg and Thomas Koehnlein, School of Architecture; Thomas Larson, ME; Val Tareski, EE; and Linda Wade, Chemistry.

Also initiated was Cecile Myhra, HE sr, who was not in attendance at the ceremony. Miss Myhra is practice teaching at Watford City, North Dakota.

### Edwin Booth

The Edwin Booth Drama Society of North Dakota State University has announced its new members initiated in December.

The new members are: Teddy Krump, Betty Kay Bitterman, Diane Hanson, Bob Thorson, Bob Stuewig, Pat McDonald, Kathy Degen, Marlene Walz, and Linda Trautman.

Edwin Booth Society is an honorary service club devoted to the betterment of drama and the promotion of the Little Country Theater on this campus.

### Sigma Phi Delta Elects

Charles Burk, EE jr, was recently elected chief engineer of Sigma Phi Delta. He succeeds Russel Anderson in the position.

Others elected include: Donald White, first vice-president; Larry

Scilley, second vice-president; Mike Cummins, secretary; Orville Lynner, chaplin, James Froemke, guide.

Also elected were Lyle Luttrell, sentinal; Donald Dodge, pledge trainer; and Tim Breider, historian.

### IEEE Elects

The Institute of Electrical Engineers, the professional Electrical Engineering organization, has elected officers for the coming year.

New officers are: James Froemke, president; Bill Spencer, vice-president; Daniel Barthel, secretary and Ellis Lysne, treasurer.

The purpose of IEEE is to develop the student professionally, to better student-faculty relations, and to expose the student to ideas in industry.

### NDSU Dairy Club

The Dairy Club at North Dakota State University recently elected new officers.

The new president of the club is Dennis Torkelson, Ag jr. He is also the treasurer of the Circle K Club, a service organization at NDSU.

Other officers elected were Charles Davis, Ag fr, and Tom Erickson, Ag jr, secretary and treasurer.

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Familiar to the coeds in the College of Home Economics is the scene above in which Susie Wieser works to finish her final project for related art 302, better known as home furnishings class.

## Students Start Skeptics Corner

If you are interested in participating in discussions of various topics on a plane a little higher intellectually than the usual "coffee break talks," then "skeptics corner" is for you.

The group was started in the fall quarter by Gordon Anderson, AAS grad, with seven other students. Since then the group has grown so that it was recently split in half with some meeting Tuesday and others Wednesday evening in the Memorial Union.

Anderson describes "skeptics corner" as an "intellectual exercise with a great deal of freedom."

Topics for discussion cover theology, politics, and economic concerns. Mutual agreement by the group decides the areas to be discussed each time.

Mary Hinz, AAS jr, finds "skeptics corner" of great interest and as one way of filling a void between classroom work and current world affairs.

## Electric Utility Field Lures Home Economists

by Jean Pulkrabek

A career as a home economist with an electric utility company provides an inviting and rewarding future.

Every indication, at the present, leads one to believe that the electric utility field will expand even more during the coming years. With this expansion will come an even greater opportunity for personal advancement.

### Greater Variety of Activities

A great variety of activities such as appliance testing, recipe testing, kitchen planning, home lighting and others can erase all elements of monotony from your job. One can derive a great deal of personal satisfaction from the service she can give to her customers, all of which goes toward improving standards of living. The major goal of any home economist is to improve home and family living. At the same time you will be doing practical work which will

provide you with an excellent background for marriage and homemaking.

### Recognition Is Important

There are many rewards in such a field. Positions offered last a full year. The starting salary is good, and there are always excellent opportunities for advancement.

Equally important are feelings of recognition which can be gained by writing newspaper articles, developing recipes and compiling booklets, records and reports. There is always opportunity for community service in civic activities.

Many of the home economists with electric utility companies cover a large service area. They must be reliable, resourceful, flexible enough to meet unexpected situations and willing to travel, regardless of the size of the company.

## Candy Strippers Serve St. Lukes

If you've ever had the desire to work in a hospital and serve others, then the candy stripper program is for you.

Candy strippers are in charge of a gift cart which supplies notions, magazines, books and candy to St. Lukes Hospital patients.

The auxiliary of the hospital at Fargo started the volunteer group, a part of a national program, in 1962. Since then, high school and college girls have worked afternoons providing this service.

A uniform is provided for a one dollar rental fee. The strippers wear red and white striped pinafores, white blouses, nylons and white tennis shoes.

When girls enroll for this program, they must sign a pledge stating that they will be punctual, conduct themselves with dignity, courtesy and consideration for others.

Lindell Johnson, AAS fr. has worked as a candy stripper the past two quarters, and she finds that the patients greatly appreciate having the girls with them as it break the monotony of their days.

Other coeds from NDSU participating in the program are: Maralee Anderson, HE fr, Burdella Bitterman, Claudia Wing, and Carol Swanson, all AAS fr.

If you are interested in becoming a candy stripper, contact Mrs. Earl Jennings, YWCA executive secretary, at the YM-YWCA office in the library.

## THE BELL TELEPHONE COMPANIES SALUTE: RAY GEITKA

Not long after Ray Geitka (B.S.E., M.S.E., 1961) joined Michigan Bell, he was given a tough assignment. Ray was told to find the noise "bug" in an important microwave relay system on Michigan's Upper Peninsula. Ray soon completed his experiments, proved that rain was causing the problem and suggested corrective steps.

Since then Ray Geitka has solved other problems, many

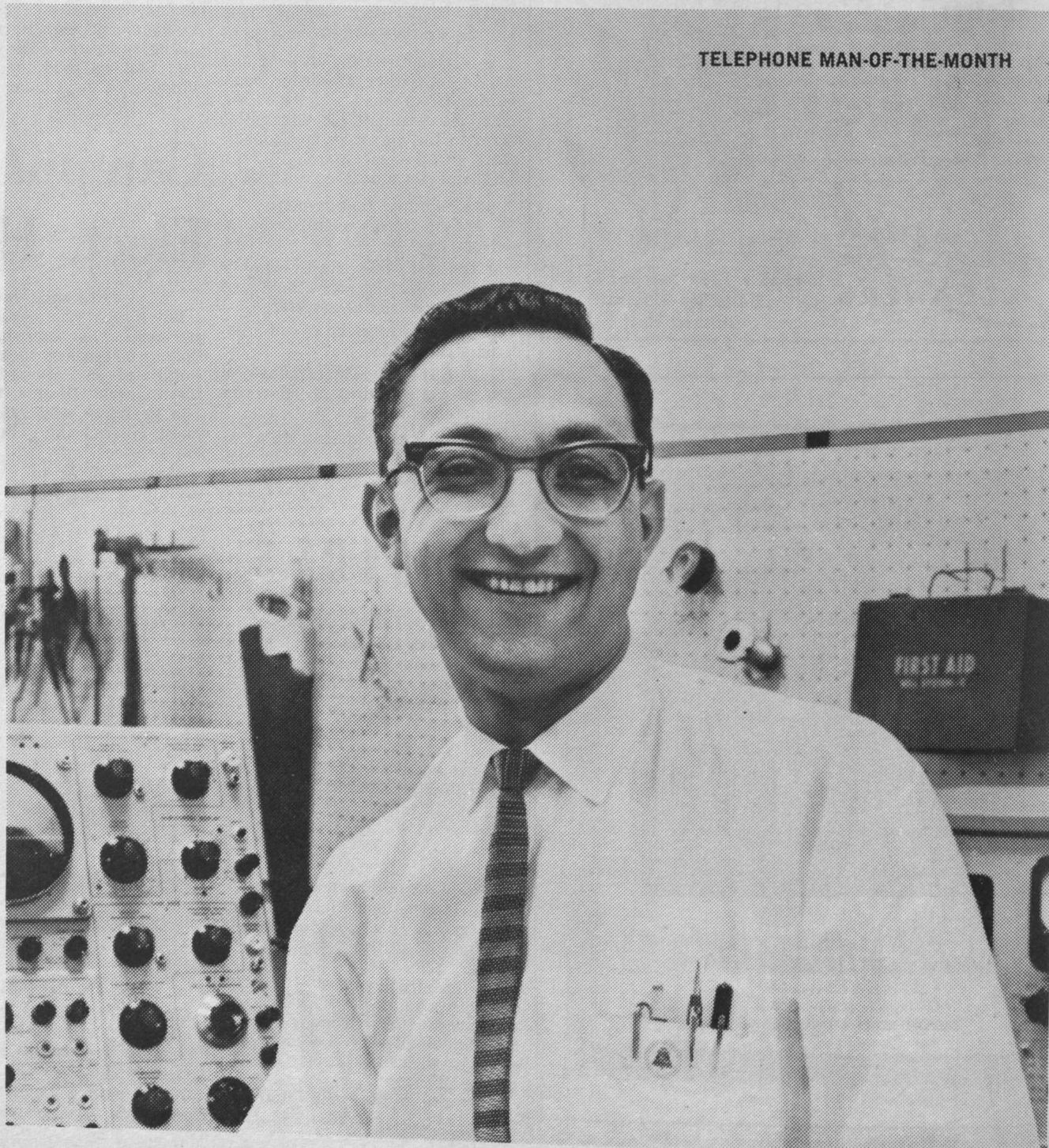
of them dealing with noise and how to suppress it. Because of his success with these assignments, Ray earned a quick promotion to the General Transmission Maintenance Group.

Ray Geitka and the other young engineers like him in Bell Telephone Companies throughout the country help bring the finest communications service in the world to the homes and businesses of a growing America.



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# Staff Members, Families Home Economist Hold Weekly Playnights Discusses Many Opportunities

"It started out as a faculty men's recreation night," said Donald Schwartz, associate professor of inorganic chemistry at North Dakota State University, "but knowing 20th century women, we knew this arrangement would be short lived."

Schwartz, together with the physical education staff, has, since October, provided recreational opportunities for faculty members, graduate students and their families on Monday nights from 7:30-9:30 p.m. at the physical education building.

Plans for such activity originated on the premise that faculty members rarely get together. This is a good opportunity to break down

present social barriers that exist between staff members of the different colleges on campus and to 'socialize' their wives and families.

A variety of activities is available to participants. "I play basketball with the younger men," said Schwartz, "while the others play volleyball and badminton."

A big hit with the wives and children is the trampoline. "The tots go wild over this, although the other pieces of gymnastic apparatus are utilized too."

Schwartz described the gymnasium as "packed" at last week's gathering, but he urged the faculty members and graduate students who haven't, to "Come join us!"

"We need to advertise our subject matter, especially in this age of stress on science and math," was the theme of a talk with Beverly Moyer, associate home economist from McCalls Pattern Company.

During her visit to Fargo, Mrs. Moyer gave several talks to North Dakota State University home economic students, telling them about her job and some business opportunities in the field.

As an associate home economist, Mrs. Moyer is employed in the education department of McCalls Patterns. She visits schools in the Kansas City area, where she gives demonstration talks to high school home economics students. "I am actually helping the teacher to teach," she said.

Her demonstration includes working with mannequins, which she dresses in miniature dresses of McCalls' patterns. These are used to demonstrate her talks about line and color, wardrobe coordination or slopping a silhouette. McCalls employs 37 associate home economists for this type of job in about 30 different cities.

"With the privilege of being home economist goes the responsibility," stated Mrs. Moyer. When she talked to the students here, she explained that it was very important for home economists to be proud of their field and to advertise their wares. She felt this to be the best way to bring home economics up the scale as a profession.

### Two Important Rules

To teachers, she gave two rules. She stressed the importance of the teachers' appearance, saying "How can we expect our students to dress well if we don't look the part?"

In her job she also emphasized that home economics teachers must sew, themselves, in order to teach sewing to their students. It is the responsibility of the teacher to sew. This way, her students enjoy seeing what the teacher has made, and this helps the students to appreciate sewing.

Mrs. Moyer, a former NDSU student, was a member of Dayton's College Board in Minneapolis. She also worked at Hudson's in Detroit, Michigan, as an assistant fabric co-ordinator.

On campus, she took part in plays at the Little Country Theatre, was a member of Alpha Gamma Delta sorority and Phi Upsilon Omicron.

The Moyers and their four year old daughter now live in Kansas City, Kansas. Her husband, Gerald, was also a graduate of NDSU. He is now in his second year of surgery residence at St. Lukes hospital in Kansas City.



Major John Seward helps Edwin Anderson, SU chess champion, brush up on the game prior to a coming tournament. After the match, Anderson was still the champ.

## Professor Of Air Science Boasts Variety In Career

by Mary Breitbach

It was a battle of champions. When Edwin Anderson, EE soph. asked Major John Seward assistant professor of air science at North Dakota State University, to play a game of chess, the Major complied.

Anderson, NDSU chess champion, wanted to "brush up" for a coming tournament. Seward commented, "He did. I forgot the fourth principle of war, 'watch your tail'."

Anderson remained NDSU's chess champion.

A graduate of Morningside College, Iowa, Major Seward was teaching school when World War II started. He quit, enlisted in the Army Air Corps, and started his military career.

During the war, he flew a heavy bomber out of England making 30 missions over German territory. He became an air traffic controller at Chicago Municipal Airport after getting out of the service at the end of the war.

### Missed Air Force

In 1947 he re-entered the ser-

vice. "I missed the sort of people I'd known in the Air Force and the variety of experiences I could have," the Major said. He went to meteorology school and became a weather officer.

Seward came to NDSU in 1960; this summer he will be transferred to another location. As his first choice, he wishes to be stationed where he will be working with the army. While in Germany he was with the U. S. Army as a weather officer.

Seward felt that ten per cent of the Air Force cadets who complete their sophomore year go into advanced ROTC. "A military career is one that is considerable to men with particular attitudes, capabilities and aspirations," he commented.

"Just as not everyone should be an engineer, farmer or doctor, not everyone should be in the service. However, I feel that the portion who would find military service a highly rewarding career should be fifteen or twenty per cent," the major concluded.

## Bacteriology Head Resigns; Accepts Chemical Corps Spot

Dr. Azra Paul Adams, chairman of bacteriology, reports plans to resign that position and leave North Dakota State University in the early part of April.

Adams said he intends to accept a position with the United States Army Chemical Corps in its biological warfare branch. Before coming to NDSU in July of 1954, he worked with this division of the Army for about 18 months.

His new position will take him and his family to Ft. Douglas at Salt Lake City, Utah. Adams will be working with the Desert Test Command. Dr. and Mrs. Adams and their sizable family — ten

children — presently reside in Fargo.

### While at NDSU

When Adams first came to NDSU, he worked on researching potato scab and the effects of various chemical compounds on this organism.

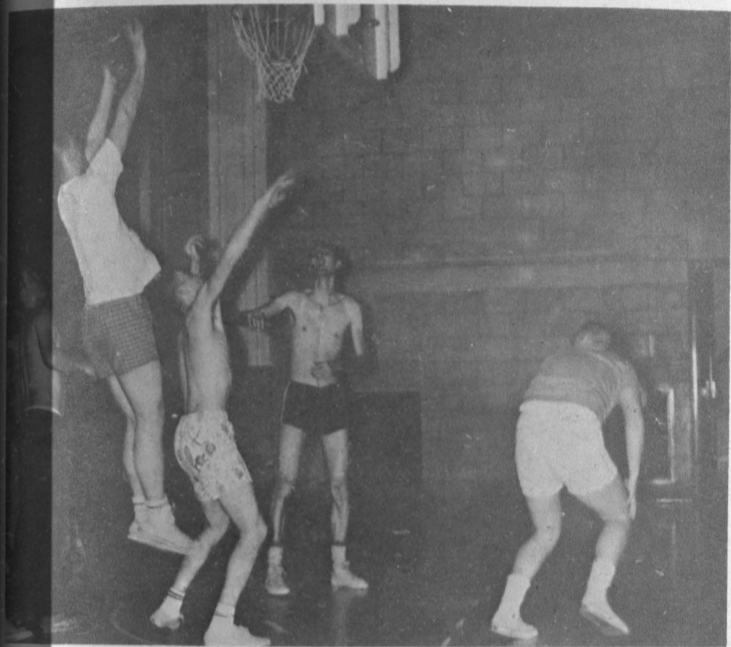
Since then, Adams' other major research has been in soil microbiology. Involved in this research were the effects of organic phosphates (insecticides) on soil microbes.

One other research project Adams mentioned was done in conjunction with the University Veterinary Science department. He and others studied the bacteria causing mastitis in cattle.

### A Lot of Children

Adams said his reasons for leaving were primarily financial. "We've got a lot of children to educate, and I'd like to be able to afford them all the chance of a college education."

He said he has enjoyed his years at NDSU, and he would "like to thank the people of North Dakota and particularly the faculty here for their kindness and consideration to us while we've been here."



Bright shorts and skinny legs are the ingredients for a rousing basketball game among the NDSU faculty as they participate in last Monday's playnight.

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# Senate Discusses Fieldhouse, Library

by Joe Schneider

The fact that there weren't any write-in candidates in the Senatorial elections was made known at the last Student Senate meeting, the day before elections.

Sherry Bassin, outgoing Student Body President, said, "There will not be any write-in candidates allowed in tomorrow's election." He went on to explain that by interpreting the constitution of the Student Senate, write-in candidates are not allowed, even though the Senate in their last meeting agreed on allowing such votes. He said that any change in the constitution has to be approved by the Commission of Student Affairs who have not met since the last Senate meeting.

Upon Bassin's request for an explanation, Don Schwartz, Senate advisor, said, "They have allowed write-in candidates in the past, but illegally." Continuing, Schwartz stated that the by-laws of the constitution are not clear.

Jim Olson, Commissioner of Legislative Research, asked Schwartz, "How did we have write-in candidates last year?"

**Schwartz replied, "Student Senate made, what I consider, an illegal procedure."**

At this point, Bassin interjected, "Because it was done in the past is not the point, but whether it was done legally or not is the point."

Harold Korb, senator, asked about the few students who might take ballots but never place them in the containers.

Bassin explained that a special meeting will be called only if the votes make a difference in the outcome of the election.

**Korb Resigns**

"For obvious reasons, I would like to resign from the Commission of Campus Affairs, stated Korb.

Because Korb was running for Student Body President and would

be placed in a position of counting the ballots, he decided that resigning was the proper thing to do. The motion was passed without any discussion.

**Library Problem**

Joanne Sand, a member of the speech 212 class, presented to Senate a proposal for their consideration.

Miss Sand, who mentioned she was representing her speech class, said that because the NDSU library is losing a continuous amount of books each year, they were proposing that a strong recommendation be sent to the Library Committee with a carbon copy to go to President Albrecht, stating that the business office withhold grades of students who have not returned overdue books. Also, any student planning to work in the library should fill out applications in the spring quarter.

**Backing up their proposal, Miss Sand stated that the business office withholds grades for a simple dollar traffic fine, but not for an eight dollar book fine.**

Because they want students to fill out an application form, Miss Sand said "there are many students working in the library who are not experienced. They are not capable because they do not have enough knowledge of the library."

Thus her class advocates that students working in the library be

required to attend one full week training session plus take a course in library science.

Olson said that he questioned the point in the proposal which stated that before a person works in the library they must have a library science course. He asked Senate for a show of hands from those who felt they had gotten anything out of the course. When several hands were raised, Olson questioned, "Is that right?"

Senate decided to follow the suggestions of the speech class to send the letter with the recommended changes in policy.

**Longer Hours**

Harly Horsager, senator, moved that Senate recommend to the library that their desk service close at 9 p.m. Sunday through Thursday, but the library stay open until midnight.

Referring back to the questionnaire he circulated several months ago, Horsager stated that 62 per cent of the students questioned would like the hours which he proposed.

His motion passed, thus this recommendation will go to the library for their decision.

**Teachers Unfair**

Dave Milbrath moved that the practice of instructors checking out books in the library for unlimited periods of time be stopped.

Milbrath said that Tom Good-

ale, assistant in communications, had told him that "as far as he understood, only teachers working on research projects could have books checked out for an indefinite period of time." Milbrath continued by saying the book he wanted to check out was not being used for such a project.

At this point, Phil Hetland, Senate advisor, said, "I think it is quite bad when the instructors hold out books. Perhaps we can withhold their pay." At this bit of humor, the Senate broke out in laughter.

Hetland, continuing in his straight faced humor, added, "There is something missing over there (library). There are books missing, but apparently something else."

The motion passed.

**Open The Fieldhouse**

Harlynn Bjerke, commissioner of athletics, announced to Senate the results of having the Fieldhouse open on Saturdays.

"There has been an average of eight students there every time it has been open," reported Bjerke.

Bassin mentioned to Senate that because of the hours, many students don't take advantage of the Fieldhouse. "Speaking as a typical student, the hours from 9 to 12 on Saturday mornings is the reason why it isn't being used," said Bassin.

Bjerke said that the reason it isn't open on Saturday afternoons is because the janitors don't want to work these hours.

Closing the issue, Bassin suggested to Bjerke that he make a greater effort in publicizing the hours and days when the Fieldhouse is open for the student's use.

**Need More Results**

Reporting on the Memorial Union, Dave Pollock told Senate SAUB will show their movies not only on Friday nights, but also on Sunday afternoons. He mentioned that their last dance, held during the 'U' Series, made them \$189. "This is quite a difference from their usual dance profits," mentioned Pollock.

In regard to closing the Union, Pollock reported that unless the students show more interest in it on the weekends, the Board of Directors will have to cut down on the hours it is open. He continued by saying that there will be a three week trial basis before any action will be taken.

**In Closing**

Because this was the last meeting for most of the Senators, Hetland gave a few closing remarks. He said that he felt sometimes Senate insults the people and the administration. He suggested that they can help the students, but this can have an adverse effect. "Let's use tact and good judgment," closed Hetland.

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# Bison End Up In NCC Cellar

by Neal Jacobson

North Dakota State University dropped into last place in the conference standings as Augustana humbled the home-standing Bison, 71-67. It was the first victory for the Vikings over SU in three attempts this year.

Augustana led throughout much of the ball-game and at one point in the second half widened the margin to 11 points. The Bison didn't quit, though, as they closed the gap to two, 67-65, on a long jump shot by guard Mike Anderson. The Vikings managed to maintain their lead on pressure free throws by Ron Mitchell and Jack Ruff.

Augustana burned the nets from the field as they hit at 52%, while NDSU could muster only a 36.4 percentage. Even so, the Bison had as many field goals as did Augie, 28. It was again free throws that spelled defeat for the home team. The Vikings dropped in 15 of 19 while SU hit a miserable 11 of 20. Rebounding also favored the visitors as they gathered in 42 to the Bison's 35.

Tallying for the Bison were Neal Jacobson with 15, Wayne Langen, 14; Lynden Langen and Ron McLeod had 10 apiece.

Jim Anderson, top bowler at NDSU, lays the ball down to get another strike. Anderson recently qualified for the National Intercollegiate Bowling Championships from Region Seven of which NDSU is currently tied for first place.

# Pollock's Pitches



by Dave Pollock

NDSU winter sports are about to end. When one looks back at the record books to see how many sports statistics columns we top, we only find one—that being our bowling team.

Giving credit where credit is due, considering past performances and all that stuff, we do have to praise the bowling team for their contribution at upholding NDSU prestige in the athletic view. They have never cried about lack of support and have made an excellent showing. Let's give them a hand. Hot bowler Jim Anderson is doing a good job representing our school.

Basketball Team

Its true many fans are sad about the outcome of our basketball team. Coach Bentson stated he is not happy with the season after the way we started out. "We weren't expecting an outstanding season, but after the first few games, we sure expected to end up higher than we are at the present time," he commented.

As to the loss on Saturday, Bentson said the whole story was the free throwing. We missed eight straight and if we had made four of them, we would have been ahead. Our offensive rebounding was another area we made a poor showing in considering the whole game. They were hot on the shooting and we were a little off from our normal pace. Prior to the Augustana game, we led the NCC in field goal shooting percentages with .432.

In fact, if you consider the last nine games, they could all have been won if we had made a few key buckets here and there. Most of the time in these last games, we have failed to come through in the crucial moments. This last game it was the free throws. We have had a somewhat inconsistent season and in order to explain that, I would have to devote the whole paper to full coverage of the details.

Right now the Bison are in the cellar. In order to stay out of the bottom spot, we have to win our next game against Iowa, and Morningside has to lose their last three games. Morningside plays South Dakota State, University of South Dakota and Augustana, and could very well lose all three of them; so we have a chance to move up as it still stands.

Ron McLeod lost his lead in the NCC individual statistic scoring column. He dropped to an average of 18.7 for ten games. Taking over that position is Dave McCracken of Augustana, who is now averaging 19.3 per game.

South Dakota State has the NCC cinched. In their last effort, they continued their winning streak to 10 by beating the University of South Dakota 79-72. SDS is ranked eighth in the Associated Press small college poll. According to statistics recently compiled, the single factor that has contributed most to the success of SDS is their rebounding. In the 19 games played to date, the Jacks have snagged 1,101 rebounds to 875 for their opponents.

On NDSU Athletics

"North Dakota State University students, faculty, alumni and friends are hopeful that the University's athletic fortunes will show steady improvement during the year ahead. The athletic department has limited funds with which to work, but its resources do exceed those of some conference schools. The department feels the adjustments it is making will be reflected in better performances by our teams. We are happy to give them the opportunity for we know the members of the respective teams have the desire to provide competition truly representative of the University athletic potential."

These are the words of Dr. H. R. Albrecht. They were taken from his statement of athletic policy at a recent press conference.

The adjustments being undertaken to help improve the situation at NDSU are mostly additional assignments to present personnel. Les Luymes, director of athletics, is responsible for the assignment of new duties. He has added to his slate the jobs of coaching freshmen football and recruiting. Another change is the addition of two graduate assistants.

An Isometric program has also been started and is under the direction of a graduate assistant and the football staff.

President Albrecht stated he is expecting improvement in the future and is going to give the changes and new assignments a chance in their efforts to make an additional contribution to the program.

We have six men to run our physical and athletic program whereas UND has thirteen, but UND has hockey and also compulsory physical education. So do we need a larger staff and compulsory phy-ed? Do we need a new fieldhouse? Do we need more money? Do we need changes?

President Albrecht senses the need for improvement and is currently in pursuit of it. He is not alone when he comments that he wants to see NDSU on a more competitive level.

# Kegler Goes To New York

Jim Anderson, a North Dakota State University senior, qualified at Mankato State last Saturday for the finals of the National Intercollegiate Bowling Championships to be held in Buffalo, New York in April.

Anderson, winner of the national intercollegiate singles championship last year, along with four other area college students, will represent region seven in the tournament.

The top qualifier was Jack Frost of Mankato State. Anderson followed him with Dale Hansen of the University of Minnesota third, Roger Blestrud of the University of North Dakota fourth and Wayne Wiseman of the University of Minnesota, fifth.

Anderson has been a regular on the SU's bowling team for the last three years.

# SAE's I-M Teams Out Of Playoffs

Sigma Alpha Epsilon fraternity, with two teams in the first bracket in basketball, has forfeited their chances to win the playoffs.

Tough Break

Because their representative was not at the last Intramural Board meeting, the SAE's automatically forfeit all their games for the coming week. This was the week the playoffs were to take place.

With the SAE's out of the running, this leaves Stockbridge, YMCA, MSA, TKE, Farmhouse and Churchill Hall teams in the finals, along with the first and second place teams in the other four brackets.

At the time of the meeting, ATO<sup>3</sup>, APhA, AGR<sup>1</sup>, and the YMCA<sup>3</sup> teams were in possible

contention for the finals from bracket two.

Bracket three saw FFA, YMCA<sup>2</sup>, Theta Chi<sup>2</sup> teams fighting it out this past week for a possible berth in the finals.

The Lettermen and ASME teams will represent bracket four in the playoffs. The SAE<sup>4</sup> team was in contention until the forfeit.

Ping Pong Finals

This past week decided the winner in the ping-pong playoffs. Because of the newspaper deadlines, this information is not known at the time of this writing.

However, in the playoffs will be Coop<sup>1</sup>, ATO<sup>1</sup>, Coop<sup>2</sup>, and the winner of a game between APhA and Churchill Hall. This match will be played before the ping-pong finals are started.

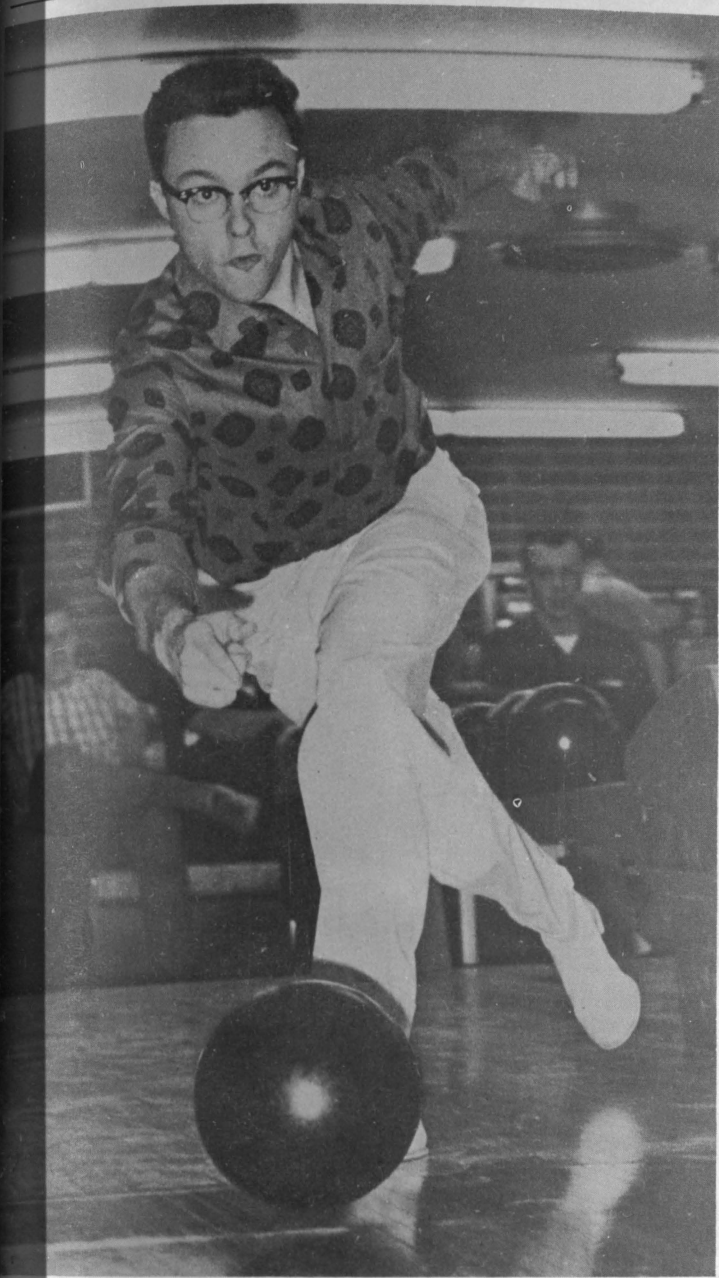
# Grapplers Lose Two More, End Season 0-10-3

The North Dakota State University wrestling team suffered two defeats this last weekend at NDSU. Invading Bemidji toppled the Bison on Friday night 23-15, and Jamestown pinned them 21-9 on Saturday.

The NDSU matmen concluded their season with these two defeats giving them a season record of 0-10-3.

Bison wrestling coach Tom Neuberger stated, "We are in the process of rebuilding the squad and have some good prospects and potential for next year."

In a preliminary match on Friday at NDSU, Morris Branch of the University of Minnesota downed the Bison Freshmen 16-12.

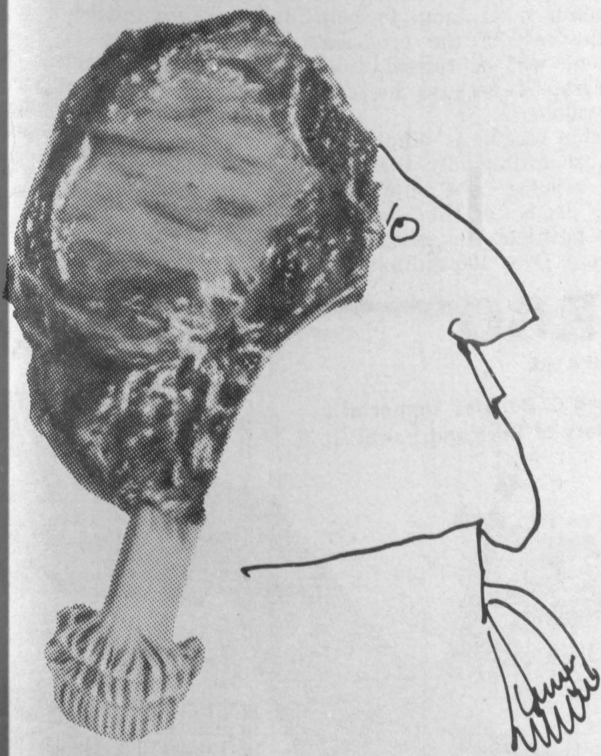


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After being successful in their tryouts for "The Pajama Game" these four cast members are ready to go into rehearsals. Front row left are Tom Joyal as Hines, Maxine Jordheim as Mabel, Judy Van Vlissingen as Gladys, and Gene Bukholz as Prez.

## "The Pajama Game" Cast Announced; Selections Made From 130 Dramatists

by Frank Bernhoff

One hundred thirty campus dramatists appeared for tryouts last Saturday and Monday for the Blue Key production of "The Pajama Game." The forty-eight member cast was selected and announced late Monday evening.

Hines, the knife-throwing personality, who steps out of character to comment upon proceedings, will be portrayed by Tom Joyal. Hines startles the audience in beginning the musical by mentioning a factory personnel orgy and hinting, "This play is full of symbolism."

The president of the pajama workers union appears next in the production. Eugene Buchholz earned this part.

Sid Sorokin, the new factory superintendent, was hired to patch disputes between labor and management. It will take Art Meier to fulfill this position in the play. Sid falls in love with the factory grievance committee chairman, Babe Williams, a beautiful, very

individualistic personality in the person of Julie Dunkirk.

Many other pajama workers in the Cedar Rapids, Iowa factory lend support and character to the production. Each develops a distinct personality which enhances the overall gratifying effect of "The Pajama Game." SU artists selected for these parts include: Judy Van Vlissingen, Gladys; Maxine Jordheim, Mabel; Linda Trautman, Mae; Bill Mirgain, Joe; JoAnne Pehrson, Poopsie.

Duane Schoepf, Hasler; Scheryl Olson, Brenda; Skip Duemeland, Babe's father; Byron Bollingberg, first helper; and Robert Thorson, second helper.

"Pajama Game," which includes scenes from Hernando's Hideaway to dimly lit woodland paths, also boasts a talented group of 32 singers and dancers.

Blue Key president Ian Strachan praised the student body saying, "I'm very pleased with the turnout for auditions and wish to express Blue Key's gratitude."

## Senate Meetings...continued from page 1

do you characterize a very effective group of people who are working together in a political election? The political phrase for this is campaign machine. It is a common term."

After several more verbal rounds, Senator Bob Norum suggested that the discussion should end since it was not the purpose of the special meeting to criticize the Spectrum.

Finally, a vote was called for on Korb's motion for a new election. In a roll call vote, the motion was defeated with only two Senators voting for it.

### Illegal Voters

After the Senate had voted to kill Korb's motion, Bassin presented an activity card to the Senate which was marked on the back showing that it had been used in the voting process. Although the card was the same

color as this quarter's, it was from last year.

This meant that someone could have voted illegally in the election. After this revelation, several Senators and Commissioners began relating election irregularities of which they had been informed. These irregularities centered around the following illegal practices: (1) using last year's activity ticket in addition to this year's, thus voting twice; (2) using another student's activity card to vote; and (3) receiving two ballots and voting twice.

Senator Norum moved that a new election be held on the basis of the irregularities discussed.

Some Senate members favored a new election, while others felt that the basis for it was simply conjecture. In order to allow time for investigation, Senate was recessed until the following noon.

## Symphony Set For March 3

by Heather McCrea

The next concert by the Fargo-Moorhead Symphony Orchestra will be given Sunday, March 3, 1963, at 4 p.m. in the Fargo High School auditorium, Sigvald Thompson conducting.

Featured soloist will be James Mathis, in a performance of the Beethoven Piano Concerto No. 4, in G Major.

Also on the program are the Mozart Overture to "The Abduc-

tion from the Seraglio," Ravel's "Le Tombeau de Couperin," and Berlioz' "Roman Carnival Overture."

The music on this concert is made possible by the Music Performance Trust Funds of the Recording Industries, with the cooperation of Local 382 of the American Federation of Musicians, Fargo, North Dakota.

Admission to the concert is free.

## Friday's Convo Will Feature Noted Pianist

An all-college convocation at North Dakota State University on Friday, March 1, at 9:40 will feature a new star in the field of music.

James Mathis will display his talent on the keyboard of a Steinway piano in his first appearance in Festival Hall.

Proclaimed by newspaper critics as "a superior musician and supremely capable technician," Mathis has won awards and praise the world over. His recitals in London, Germany, Austria, Italy, Holland and Brazil have all been vigorously applauded.

### A Child Prodigy

At the age of ten, Mathis debuted with the Southern Methodist University Symphony. Three years later, he went to New York City as the youngest scholarship pupil of the late Olga Samaroff at the Julliard School of Music. Majoring in piano, Mathis received both B. S. and M. S. degrees. He later received another degree from St. Cecilia's Academy of Music in Rome.

### Awarded

As well as having made a Carnegie Hall concert, Mathis received the Ernest Hutcheson Award for the most outstanding Julliard graduate, the 1954 Kosciusko Foundation Chopin Award of



Mathis

\$1,000, a Fulbright Fellowship in 1955 to study in Vienna, first prize in 1956 in the Munich International Competition — the only American to win this award, second prize in the 1960 Busoni Competition in Bolzano, Italy, and the 1961 National Federation of Music Clubs' Award.

His concert will feature music of classical and modern masters.

## Ragtime Music: Its Max Morath

by Kerry Hawkins

Ragtime music . . . turn-of-the-century melodies . . . days of the nickelodeon addict . . . the fads that swept across America will sweep across the North Dakota Dakota State University campus this Friday, March 1.

Max Morath, one of the leading performers of ragtime piano, will perform in Festival Hall in a "scintillating program of rags, waltzes, shouts, novelties, blues, ballads and stomps."

The SUAB-sponsored event will cost \$1.50 per person. Morath's program will utilize hand-colored photographic slides which illustrate the new popular songs that were flooding the country from 1905 to 1914.

Visualize a nickelodeon — the real article, before the word picked up a half-dozen other meanings; a small room — not a real theater at all, a makeshift screen, wooden chairs, the sound of a tinkling piano accompanying the action of the flickering motion on the screen.

Morath will visit the area for this one performance only.

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Ein, tzei, drei, feur, lift your stien and drink your Sabin oral polio vaccine. Shown consuming their vaccine impregnated sugar lumps are, from left to right, Ian Stachan, Nancy Flatt, Jim Russ and Phill Wattles.

## Oral Vaccine Clinic Today; First In A Series of Three

President H. R. Albrecht has proclaimed today "Sugar Lump Wednesday," and his decree encourages all students, faculty and their families to take the Sabin oral polio vaccine at the Fieldhouse between 3 and 6 p.m.

Area doctors, the National Institute of Health and the Surgeon General of the United States recommend taking the oral vaccine even if you've had four or more shots of the Salk vaccine. You may still be a carrier of the disease, but after the oral series you will be completely immune to all types of polio and cannot endanger your children or your friends.

This will be the first in a series of three doses. The other two doses will be administered in March and May, with no further boosters needed. There will be a charge of 25c for each sugar lump to help defray the cost of the program, but no one will be turned away or embarrassed because he cannot contribute.

The Sabin vaccine is simple and painless, requiring only that you consume a sugar cube impregnated with drops of the vaccine. There is positively no reaction to the vaccine. Over 100 million peo-

ple in five countries have taken the oral vaccine, and it is now recommended by the United States Public Health Service and all state and local medical societies. Although polio epidemics occurring within the United States have decreased since the introduction of vaccinations seven years ago, the danger of incurring the paralyzing disease still exists.

Recently, the committee established for the control of polio pointed out that 70% of the young adults in America have failed to receive vaccine, and as a result, outbreaks and even some severe local epidemics still can and do occur.

The Sabin vaccine may be taken if the subject has a mild cold, but not a fever. Diabetics and pregnant women may take the vaccine safely, and doctors will be on hand to administer it to special cases and infants.

Phil Wattles, student chairman of the vaccination program, which is being sponsored by the Forest District Medical Society, expressed his hope that "every person on campus will receive the vaccine. However, it is necessary for all minors to receive parental permission for this."

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# Winter 1962-63 Schedule of Classes

DEPARTMENT & SUBJECT PREREQUISITE CR. HOUR & DAYS INSTRUCTOR ROOM

## COLLEGE OF AGRICULTURE

### GENERAL AGRICULTURE

304(AGRIC. COMM.) GEN. AG. 303 3 8MW  
-SEC A 3:10-6M  
-SEC B 2:10-5T  
SCHWARTZ, LIB101  
McLAUGHLIN LIB101  
LIB101

### AGRICULTURAL ECONOMICS

108(INTRODUCTION) 3 10MW,2:10TH HERTSGAARD MOR308  
203(PRINCIPLES) 5 8MTWTF JOHNSON MOR308  
320(FARM MGMT.-PRINCIPLES) Ag.Ec.203 3 9TTH,1:10F LOFTSGARD MOR309  
326(PRIN. OF MKTG.) Ag.Ec.203 3 10TTH,2:10F COX MOR309  
327(WORLD AGRICULTURE) Ag.Ec.203 3 11-12:15TTH JOHNSON MOR309  
360(CONSUMPTION ECONOMICS) 3 9MW,1:10TH TAYLOR MOR309  
411(MARKETING-CROPS) Ag.Ec.326 3 10MW,2:10TH HEMPHILL MOR309  
418(AGRIC. CREDIT INST.) Ag.Ec.203 3 9F,1:10MW KRENZ MOR309  
419(AGRIC'L. POLICY) Ag.Ec.203 3 11MW,3:10TH TAYLOR MOR309  
496(RES. METHODOLOGY) DEPT. APPR. 3 10F,2:10MW TAYLOR MOR309  
498(SEMINAR) 1 4:10TH HEMPHILL MOR308  
499(SPECIAL PROBLEMS) DEPT. APPR. 1-3 BY ARRGT. STAFF MOR209  
580(ADV. PROD. ECONOMICS) Ag.Ec.480 3 11F,3:10MW LOFTSGARD MOR309  
599(THESIS & RESEARCH) DEPT. APPR. 3-9 BY ARRGT. STAFF MOR209

### AGRICULTURAL EDUCATION

321(METH. IN VOC'L. AGRIC.) DEPT. APPR. 3 9-11MTW,1:10-4W OWEN MOR103  
402(METH. IN FARM MECH.) AgE112,Ed215 2 9-11TF OWEN MOR103  
403(DIRECTED TEACHING) DEPT. APPR. 3-9 BY ARRGT. OWEN MOR103

### AGRICULTURAL ENGINEERING

310(FARM STRUCT.&UTIL.) PHYS.201 5 9TTH,1:10F HOLMEN AE201  
2:10-5TTH AE127,208  
320(FARM ELECTRICITY) PHYS.201 3 8TTH,2:10-5M MOILANENAE215,210,215  
334(IRRIGATION METHODS)S.252OR APPR. 3 9MW,1:10TH HOLMEN AE205  
490(SPEC. PROJECTS) SR. STG. 1-3 BY ARRGT. STAFF AE102  
498(SEMINAR) SR. STG. 1 1:10T KUCERA AE201

### AGRONOMY

103(INTRODUCTION) 3 10TTH SCHOLLER MOR308  
-SEC A 3:10-5M WAL247  
-SEC B 1:10-3T WAL247  
-SEC C 10-12F WAL247  
202(GRAIN CROPS) AGRON.103,BOT.111 3 9TTH FOSTER,PETERSON WAL247  
-SEC A 3:10-5T WAL247  
-SEC B 1:10-3M WAL247  
306(GENETICS) BOT.111 ORZOO.111 3 10TTH SANDAL MOR210  
-SEC A 3:10-5M WAL247  
-SEC B 1:10-3TTH WAL247  
490(RPTS. IN CROP PROD.) 2-5 BY ARRGT. STAFF WAL202  
498(SEMINAR) DEPT. APPR. 1 1:10M CARTER WAL217  
499(SPECIAL PROBLEMS) DEPT. APPR. 1-3 BY ARRGT. STAFF WAL202  
531(ADV. BREEDING-SM.GRAINS) AGRON.407 3 11TTH,3:10F PETERSON WAL221  
540(STATISTICAL GENETICS) DEPT. APPR. 3 11-12:15MW BOTHUN WAL221  
598(SEMINAR) 1 4:10F CARTER WAL217  
599(THESIS & RESEARCH) DEPT. APPR. BY ARRGT. STAFF WAL202

### ANIMAL HUSBANDRY

105(INTRODUCTORY) 3 8MW J. JOHNSON SHEP9  
-SEC A 1:10-4M SHEP26,32  
-SEC B 1:10-4T SHEP26,32  
-SEC C 9-12F SHEP26,32  
202(BREEDS-LIVESTOCK) ANH.105 3 10MW LIGHT SHEP9  
-SEC A 2:10-5M SHEP32  
-SEC B 2:10-5TTH SHEP32  
214(FARM MEATS) ANH.105 3 1:10T,2:10-5MW V. JOHNSON SHEP9,26  
312(SHEEP PROD'N.) ANH.231 OR 330 3 10TTH LIGHT SHEP9  
-SEC A 2:10-5T SHEEPBARN  
-SEC B 2:10-5F SHEEPBARN  
330(PRIN. AN. NUTR.) CHEM.231 OR 241 5 8MTWTF HAUGE MOR212  
-SEC A 1:10-3T STAFF MOR215  
-SEC B 3:10-5T STAFF MOR215  
334(NUTR. OF RUMINANTS) ANH.330 3 8TTH ERICKSON SHEP9  
427(AN. BREEDING) AGRON.306 3 9TTH,1:10F BUCHANAN SHEP9  
533(ANIMAL NUTR. METHODS) DEPT. APPR. 3 BY ARRGT. STAFF WAL304  
535(ADV. ANIMAL NUTR.) DEPT. APPR. 5 BY ARRGT. DINUSSON WAL304

### BACTERIOLOGY

202(BACT. FOR NURSES) 4 2:10MW,10F ADAMS MOR308  
-SEC A 1:10-3TTH MOP324  
-SEC B 3:10-5TTH MOR324  
270(GENERAL BACT.) CHEM.241 4 8MW,12:10TH PARSONS MOR210  
-SEC A 3:10-5MW MOR324  
-SEC B 10-12TTH MOR324  
302(GENERAL BACT.) BACT.270 4 9MW,1:10TH+LAB BY ARRGT. MOR210,323  
LAB BY ARRGT. DOUBLY MOR210,323  
320(PUBLIC HEALTH) BACT.270 2 8TTH DOUBLY MOR309  
418(PHYS. OF BACT.) DEPT. APPR. 4 BY ARRGT. SLEEPER MOR314  
431(ADV. GEN. BACT.) BACT.270 5 BY ARRGT. KING MOR320,323  
498(SEMINAR) DEPT. APPR. 1 BY ARRGT. PARSONS MOR320  
599(THESIS & RESEARCH) DEPT. APPR. BY ARRGT. STAFF MOR320

### CEREAL TECHNOLOGY

441(CEREAL CHEMISTRY) CHEM.292 OR393 3 11MW,3:10TH GILLES HARRIS203  
499(SPECIAL PROBLEMS) DEPT. APPR. 1-3 BY ARRGT. GILLES HARRIS204  
599(THESIS & RESEARCH) DEPT. APPR. 1-5 BY ARRGT. BANASIK HARRIS204

### DAIRY HUSBANDRY

407(DAIRY HERD MGMT.) DAH. 103 3 BY ARRGT. EDGERLY DA29,27  
2:10-5M DA29,27  
414(COND. MILK&DRIED PROD.) PHYS.203 3 BY ARRGT. JENSEN DA29  
498(SEMINAR) 1 BY ARRGT. STAFF DA29

### ENTOMOLOGY

312(SYSTEMATIC ENTOMOLOGY) Ag. ENT.201 4 BY ARRGT. POST MOR223  
314(INSECTS AFF. ANIMALS) Ag. ENT.201 3 4:10MW,1:10-4M NOETZEL MOR107  
330(DISPLAY TECH.) ENT.201 3 11MW+LAB BY ARRGT. POST MOR107  
413(INSECT PHYSIOLOGY) CH241,ENT.412 5 9TTH,1:10F MULKERN MOR107  
1:10-4TH,2:10-5F MOR107  
416(ADV. IMMATURE INS.)E415OR312,313 2 1:10T,2:10-5T DOGGER MOR215  
498(SEMINAR) 1 4:10TH SCHULZ MOR200  
499(SPECIAL PROBLEMS) DEPT. APPR. 1-3 BY ARRGT. STAFF MOR215  
598(SEMINAR) 1 4:10TH SCHULZ MOR200  
599(THESIS & RESEARCH) DEPT. APPR. 3-9 BY ARRGT. STAFF MOR200

### HORTICULTURE

205(GENERAL) BOT.110 3 9MW LANA SHEP9  
-SEC A 1:10-3M NELSON GRN.HSE.  
-SEC B 3:10-5M NELSON GRN.HSE.  
308(POTATOES) HORT.205 OR DEPT. APPR. 3 9TTH,1:10F NELSON WAL221  
309(PRIN. OF LANDSCAPING) DEPT. APPR. 3 9MW+LAB BY ARRGT. HOAG MOR212,GRN.H.  
426(PLANT PROPAGATION) HORT.205 4 11MW,1:10-3MW HOAG MOR212,GRN.H.  
450(BREEDING HORT. CROPS) AGRON.306 3 BY ARRGT. LANA WAL320  
498(SEMINAR) DEPT. APPR. 1 BY ARRGT. STAFF WAL320

### PLANT PATHOLOGY

449(GENETIC ASPECTS OF HOST-PARASITE REL.) PLT.P313, 2 BY ARRGT. FLOR WAL315  
AGRON.306  
498(SEMINAR) DEPT. APPR. 1 BY ARRGT. STAFF WAL315  
499(SPECIAL PROBLEMS) DEPT. APPR. 1-3 BY ARRGT. STAFF WAL315  
599(THESIS & RESEARCH) DEPT. APPR. 1-5 BY ARRGT. STAFF WAL315

DEPARTMENT & SUBJECT PREREQUISITE CR. HOUR & DAYS INSTRUCTOR ROOM

### POULTRY HUSBANDRY

309(POULTRY BREEDING) AGRON.306 3 9TTH,1:10F BRYANT VANES301  
499(SPECIAL PROBLEMS) DEPT. APPR. 1-3 BY ARRGT. STAFF POULTRY BLDG.

### SOILS

152(INTRODUCTION) 3 11MW ZUBRISKI MOR308  
-SEC A 2:10-5M WAL111  
-SEC B 2:10-5T WAL111  
-SEC C 2:10-5M WAL111  
252(SOILS) SOILS152,CHEM.107 5 9MW,1:10TTH JOHNSGARD MOR308  
-SEC A 2:10-5TH WAL111  
-SEC B 9-12F WAL111  
-SEC C 2:10-5F WAL111  
456(SOIL CHEMISTRY)SOILS252,CHEM.227 3 8TTH,9-12F MORAGHAN WAL111,143  
498(SEMINAR) DEPT. APPR. 1 BY ARRGT. STAFF WAL111

### VETERINARY SCIENCE

339(PREVENT. VET.MED.) VET.SCI.338 4 11MTWTH,12F SCHIPPER VANES301

## COLLEGE OF APPLIED ARTS AND SCIENCES

### BOTANY

111(GENERAL) 4  
-SEC 1 1:10MW,9F MOIR MIN219  
-SEC 2 9TTH,1:10F MOIR MIN319  
-SEC A 10-12MW MIN102  
-SEC B 1:10-3MW MIN102  
-SEC C 3:10-5MW MIN102  
-SEC D 8-10TTH MIN102  
-SEC E 10-12TTH MIN102  
-SEC F 1:10-3TTH MIN102  
-SEC G 3:10-5TTH MIN102  
310(ANATOMY OF SEED PLTS.) BOT.111 3 2:10WF,3:10-5WF MOIR MIN111  
376(SP.METH. OF TCHG.SCI.)JSTG.Ed318 3 8T,2:10-4F LOVE MIN106  
402(EXP. ECOLOGY) BOT.401 4 7:35-9MW,2:10-5M DODD MIN106  
405(RANGE PLANTS)BOT.111,214OR APPR. 4 BY ARRGT. WHITMAN MIN106  
498(SEMINAR) DEPT. APPR. 1 BY ARRGT. STAFF MIN106  
499(SPECIAL PROBLEMS) DEPT. APPR. 1-3 BY ARRGT. STAFF MIN  
599(THESIS & RESEARCH) DEPT. APPR. 1-5 BY ARRGT. STAFF

### COMMUNICATIONS

201(JOURNALISM) ENG.103 3 11-12:15MW COLLINS MIN402  
202(JOURNALISM)COMM.201 ORGEN. AG.303 3 11-12:15TTH MECKER MIN401  
375(PUBL. PRACTICUM)C201ORGEN. AG.303 1-3 BY ARRGT. GOODALE COMM. OFFICE

### EDUCATION

101(INTROD. SEC.ED.) 3 9MW,1:10TH FLYNN MIN319  
215(EDUC. PSYCH.) SOPH.STG.,PSY.211 3 11-12:15TTH ELAND MIN219  
303(HUMAN GROWTH&DEV.:ADOLDS.) JR.STG.,PSY211. 3 12:45-2MW FLYNN REL.ED.AUD.  
318(SEC.SCH.METH.) JR.STG.,Ed101, 3  
-SEC 1 215 9TTH,1:10F AARNES MIN314  
-SEC 2 10MW,2:1CTH AARNES MIN314  
321(TESTS&MEAS.) JR.STG.,Ed215. 3 2:1CMTW STODOLA MIN320  
325(INSTR. METHODS) MJS.110 3 10MW,2:10TH EUREN PUTN21  
329(INTROD. STATISTICS) 3 SEE MATH DEPT.  
370(SPEC.METH.TCHG.ENGLISH) 3 11-12:15MW WEBSTER MIN403  
375(SPEC.METH.VOCAL MUSIC) 2 BY ARRGT. VANVLISSENGEN PUTN20  
376(SP.METH. OF THG. SCI.)JSTG.Ed318 3 8T,2:10-4F LOVE MIN106  
377(SPEC.METH. SOC.SCI.) JSTG.Ed318 3 BY ARRGT. ELAND MIN327  
417(PRIN. ED.METH.) SR.STG.18CRS.Ed. 3 5-7:20(P.M.)T AARNES MIN314  
423(IND. APPRAISAL) SR. STG. 3 7:30-9:50 (P.M.) M MEASE MIN331  
440(INTROD. TO COUNSELING)SSSTG.Ed321 or422 3 9MW,1:10TH MEASE MIN331  
444(INTROD.GUIDANCE) SR.STG.PSY211, 3 8WTF MEASE MIN331  
304 Ed215,303  
450(STUD. TEACH'G.)SR.STG.DEPT.APPR. 9 BY ARRGT. ELAND MIN327  
470(SCHOOL ADMIN.) SR.STG.12CRS. Ed. 3 10MW,2:10TH FLYNN MIN331  
472(SCHOOL FINANCE)SR.STG.24CRS. Ed. 3 5-7:20(P.M.)T FLYNN MIN331  
515(SUP. OF INSTR.)GO.STG.24CRS.Ed. 3 7:30-9:50(P.M.)T AARNES MIN314  
545(COUNSEL'G. INTERNSHIP) DEPT. APPR. 1-5 BY ARRGT. MEASE MIN329  
598(SEMINAR) GO.STG.24CRS. Ed. 0-3 BY ARRGT. STAFF MIN327  
599(THESIS & RESEARCH)GSGT 36CRS.Ed. 8-15 BY ARRGT. STAFF MIN327

### ENGLISH AND PHILOSOPHY

ENGLISH  
101(FRESH. ENGLISH) 3 STAFF  
-SEC 1 9MW,1:10TH MIN403  
-SEC 2 9TTH,1:10F LIB122  
-SEC 3 10MW,2:10TH MOR212  
-SEC 4 1:10MW,9F MIN208  
-SEC 5 11MW,3:10TH LIB122  
102(FRESH. ENGLISH) ENG.101 3 STAFF  
-SEC 1 GROUP I,II 9MW,1:10TH MIN208  
-SEC 2 GROUP II 9MW,1:10TH AE222  
-SEC 3 GROUP II,III 9MW,1:10TH MIN303  
-SEC 4 GROUP I,II 9TTH,1:10F MIN305  
-SEC 5 GROUP II 9TTH,1:10F MIN322  
-SEC 6 GROUP III 9TTH,1:10F MIN403  
-SEC 7 GROUP I 10MW,2:10TH LIB122  
-SEC 8 GROUP II 10MW,2:10TH SUO37  
-SEC 9 GROUP II 10MW,2:10TH MIN403  
-SEC 10 GROUP III 10MW,2:10TH AE201  
-SEC 11 GROUP I,II 10TTH,2:10F MIN403  
-SEC 12 GROUP II 10TTH,2:10F MIN215  
-SEC 13 GROUP II,III 10TTH,2:10F MOR212  
-SEC 14 GROUP II,III PH. 10TTH,2:10F SUO224  
-SEC 15 GROUP I,II 11MW,3:10TH MIN303  
-SEC 16 GROUP II 11MW,3:10TH LIB236  
-SEC 17 GROUP II,III 11MW,3:10TH MIN310  
-SEC 18 GROUP I,II 11TTH,3:10F MIN402  
-SEC 19 GROUP II 11TTH,3:10F MIN215  
-SEC 20 GROUP II,III 11TTH,3:10F MIN403  
-SEC 21 GROUP I,II PH. 11TTH,3:10F SUO208  
-SEC 22 GROUP I 1:10MW,9F MIN303  
-SEC 23 GROUP II 1:10MW,9F MIN322  
-SEC 24 GROUP II 1:10MW,9F LIB122  
-SEC 25 GROUP II,III 1:10MW,9F MIN402  
-SEC 26 GROUP III 1:10MW,9F MIN403  
-SEC 27 GROUP I,II 2:10MW,10F MIN403  
-SEC 28 GROUP II 2:10MW,10F LIB122  
-SEC 29 GROUP III 2:10MW,10F MIN304  
-SEC 30 GROUP I 3:10MW,11F MIN320  
-SEC 31 GROUP II 3:10MW,11F LIB236  
-SEC 32 GROUP II,III 3:10MW,11F MIN403  
-SEC 33 GROUP III 3:10MW,11F MIN215  
210(SURV.ENG.LIT.) 3 10TTH,2:10F SACKETT MIN320  
212(AMER. SHORT STORY) 3 3:10MW,11F HOVE MIN219  
227(SURVEY OF AMERICAN LIT.) 3 2:10MW,10F HOVE MIN219  
256(WORLD LITERATURE) 3 9TTH,1:10F MCGRATH MIN320  
260(INTROD. TO LIT.) 3 10MW,2:10TH ENGEL MIN320  
313(ROMANTIC POETRY) 3 7:30-9:50(P.M.) T R. LYONS MIN215  
320(19TH CENT. AMER. NOVEL) 3 7:30-9:50(P.M.) W ENGEL MIN219  
324(MOD. DES. GRAMMAR) 3 5-7:20(P.M.) T HOVE MIN202  
332(MOD. BRITISH&IRISH DRAMA) 3 11-12:15MW PHILLIPS MIN300  
338(SHAKESPEARE 1600-1616) 3 1:10MW,9F SCHOFF MIN309  
351(ADV. COMPOSITION) 3 9MW,1:10TH PHILLIPS MIN215  
355(TECHNICAL REPORT) 3 10MW,2:10TH LYONS MOR215  
360(BUSINESS LETTERS) 3 10TTH,2:10F SCHOFF MIN314  
370(SPEC.METH.TCHG.ENGLISH) 3 11-12:15MW WEBSTER MIN403  
400(MOD. BRITISH POETRY) 3 10MW,2:10TH SACKETT MIN300



# Courses Listed By Colleges

DEPARTMENT & SUBJECT	PREREQUISITE	CR.	HR & DAYS	INSTRUCTOR	ROOM
<b>PHILOSOPHY</b>					
302 (INTRO. TO PHIL. PROBLEMS)		3	3:10MW, 11F	HERTEL	MIN319
311 (HIST. OF MED. & REN. PHIL.)		3	10TH, 2:10F	ROACH	REL. ED. AUD.
<b>GEOGRAPHY</b>					
101 (INTRODUCTORY)		3	2:10MW, 10F	KRESS	MIN319
252 (ECONOMIC GEOGRAPHY)		3	10MW, 2:10TH	KRESS	MIN402
310 (GEOG. OF N. AMERICA)	DEPT. APPR.	3	10TH, 2:10F	KRESS	MIN402
499 (SPECIAL PROBLEMS)	DEPT. APPR.	3	By ARRGT.	KRESS	MIN103
<b>GEOLOGY</b>					
105 (HISTORICAL GEOL.)	GEOL. 104	5	1:10MTW, 9F	BROPHY	MIN314
-SEC A			2:10-5T		MIN101
-SEC B			2:10-5W		MIN101
312 (GEOMORPHOLOGY)	GEOL. 104	3	10MW, 2:10-4TH	BROPHY	MIN101
<b>LIBRARY SCIENCE</b>					
121 (LIBRARY USAGE)		1		STAFF	
-SEC 1			8F		LIB101
-SEC 2			11T		LIB101
-SEC 3			1:10T		LIB101
-SEC 4			8T		LIB101
-SEC 5			8TH		LIB101
-SEC 6			9F		LIB101
-SEC 7			10TH		LIB101
-SEC 8			10T		LIB101
-SEC 9			11TH		LIB101
-SEC 10			10F		LIB101
305 (LIBRARY ADMIN.)	LIB.SCI.121	3	By ARRGT.	SULLIVAN	
306 (BOOK SELECTION)	LIB.SCI.121	3	By ARRGT.	SULLIVAN	
307 (REFERENCE)	LIB.SCI.121	3	By ARRGT.	SULLIVAN	
308 (ELEM. CAT. & CLASSIF.)	LIB.SCI.121	3	By ARRGT.	SULLIVAN	
310 (FIELD WORK)	LS305, 306 or 308	3	By ARRGT.	SULLIVAN	
<b>MATHEMATICS</b>					
54 (H.S. ALGEBRA)	MATH 53	0	8MTWTF	STAFF	MIN310
57 (PLANE GEOMETRY)	MATH 56	0	11F, 3:10MW	STAFF	MINANN4
59 (SOLID GEOMETRY)	PLANE GEOM.	0	8MW	STAFF	MINANN2
68 (INTERM. ALGEBRA)	H.S. ALGEBRA	0	8TTF	STAFF	MIN300
107 (MATH FOR H.E.C.)	H.S. ALGEBRA	5	9F, 1:10MTWTH	STAFF	MINANN4
109 (COLLEGE ALGEBRA)	H.S. ALGEBRA	5		STAFF	
-SEC 1			8MTWTF		AG222
-SEC 2			9MTW, 1:10THF		MIN302
-SEC 3			10TH, 2:10MWF		MINANN2
-SEC 4			11MTW, 3:10THF		MINANN2
111 (PLANE TRIG.)	(H.S. ALGEBRA)	4		STAFF	
-SEC 1			8TTF		MIN205
-SEC 2			9MW, 1:10THF		DA27
-SEC 3			10TH, 2:10MW		MINANN4
-SEC 4			10TH, 2:10MW		MIN305
-SEC 5			11MW, 3:10TH		AG222
116 (SLIDE RULE)	LOGARITHMS	1		STAFF	
-SEC 1			8M		MIN202
-SEC 2			10F		MIN305
118 (PLANE TRIG.)	MATH 117	3		STAFF	
-SEC 1 (AG, IE)			9F, 1:10MW		MIN302
-SEC 2 (ARCH., IE)			10TH, 2:10F		DA27
-SEC 3 (ARCH., IE)			11TH, 3:10F		MINANN4
-SEC 4 (CE, PHYS.)			10TH, 2:10F		AG205
-SEC 5 (CE)			9F, 1:10MW		MIN201
-SEC 6 (EE)			8TTF		MIN208
-SEC 8 (EE)			8TTF		DA27
-SEC 9 (ME)			11F, 3:10MW		MINANN2
-SEC 10 (ME)			11F, 3:10MW		MIN303
-SEC 11 (CHEM.)			8TTF		MINANN2
120A (COLLEGE ALGEBRA)	H.S. ALGEBRA	3		STAFF	
-SEC 1 (PHARM, ETC.)			8MTWTF		MINANN4
-SEC 2			8MTWTF		MIN305
120 (COLLEGE ALGEBRA)	H.S. ALGEBRA	3		STAFF	
-SEC 1			8TTF		MIN202
-SEC 2			8TTF		SOENG17
-SEC 3 (PHARM, ETC.)			11F, 3:10MW		SUD37
121 (COLLEGE ALGEBRA)	MATH 120	3		STAFF	
-SEC 1 (PHARM, ETC.)			8TTF		SUD37
-SEC 2			8TTF		MIN309
-SEC 3			8TTF		SOENG16
-SEC 4			8TTF		AG205
-SEC 5			10MW, 2:10TH		MINANN2
-SEC 6			10MW, 2:10TH		MINANN4
-SEC 7 (PHARM.)			11F, 3:10MW		SUD224
-SEC 8			11F, 3:10MW		MIN310
-SEC 9			11TH, 3:10F		MIN310
-SEC 11 (PHARM.)			11MW, 3:10TH		SUD224
-SEC 12			7:30-10(P.M.)	T	MIN208
122 (PLANE TRIG.)	MATH 121	3		STAFF	
126 (ANALYTIC GEOMETRY)	COLL. ALG. & TRIG	4		STAFF	
-SEC 1 (AG, IE)			11TH, 3:10MW		MIN305
-SEC 2 (ARCH., IE)			11MW, 3:10TH		MIN304
-SEC 3 (ARCH., IE)			9TH, 1:10MW		MINANN2
-SEC 4 (CE, PHYS.)			11MW, 3:10TH		MIN309
-SEC 5 (CE)			10MW, 2:10TH		MIN309
-SEC 6 (EE)			9MW, 1:10TH		MIN202
-SEC 7 (EE, ETC., ACCELERATED)			11TH, 3:10MW		MIN208
-SEC 8 (EE)			10TH, 2:10MW		MIN302
-SEC 9 (ME)			10MW, 2:10TH		MIN302
-SEC 10 (ME)			9TH, 1:10MW		DA27
-SEC 11 (ME, ETC., ACCELERATED)			10TH, 2:10MW		MIN208
131 (MATH. ANALYSIS)-ACCEL.	MATH 130	4		STAFF	
201 (DIFF. & INT. CALCULUS)	MATH 126 or 131	5		STAFF	
-SEC 1			8MTWTF		MIN301
-SEC 2			9MTW, 1:10THF		MIN309
-SEC 3			10MWF, 2:10TH		AG205
202 (INTEGRAL CALCULUS)	MATH 201	5			
-SEC 1			8MTWTF		MIN302
-SEC 2			9MWF, 1:10TH		MIN305
-SEC 3 (ME, ETC.)			10MWF, 2:10TH		AG222
-SEC 4			11MWF, 3:10TH		MIN302
302 (INTERM. CALCULUS)	MATH 202	3			
303 (DIFF. EQUATIONS)	MATH 202	5			
-SEC 1 (ME, ETC.)			9MWF, 1:10TH		MIN304
-SEC 2 (CHEM., ETC.)			9MWF, 1:10TH		AG215
-SEC 3 (EE, ETC.)			9TH, 1:10MWF		AG205
-SEC 4 (ME, ETC.)			9TH, 1:10MWF		AG222
-SEC 5 (EE)			11MWF, 3:10TH		MIN305
317 (GRAPHS)	MATH 126	2			
322 (THEORY OF EQUATIONS)	MATH 201	3			
-SEC 1			9MW, 1:10TH		MINANN2
-SEC 2			11TH, 3:10F		MIN302
329 (INTROD. STATISTICS)	COLL. ALG.	3			
-SEC 1			9TH, 12:20-2F		MIN202
-SEC 2			10MW, 1:10-3TH		MIN201
-SEC 3			10MW, 10-12F		EUSTICE
-SEC 4			11MW, 3:10-5TH		SHUMAN
330 (BUSINESS STATISTICS)	MATH 329	3			
-SEC 1			11TH, 3:10F		MIN205
-SEC 2			11TH, 3:10F		MIN202
375 (FINITE MATH.)	MATH 202	3			
380 (COMPUTER PROGRAMMING)	MATH 202	3			
-SEC 1			8TTF		MIN303
-SEC 2			11MW, 3:10TH		MIN202
-SEC 3			11F, 3:10MW		MIN201
429 (STATISTICS)	MATH 329	3			
438 (SLD. ANAL. GEOM.)	MATH 126	3			
445 (NUMERICAL ANALYSIS)	MATH 202 & 380	5			
448 (VECTORS)	MATH 303	3			

DEPARTMENT & SUBJECT	PREREQUISITE	CR.	HR & DAYS	INSTRUCTOR	ROOM
451 (ADV. CALCULUS)	MATH 450	3	10MW, 2:10TH	ARENA	MIN304
461 (APP. STATISTICAL METH.)	M329, 429 or 431	4	9TH, 1:10F+	SHUMAN	MIN205
468 (MATH. STATISTICS)	M329, 429 or 431	3	11MW, 3:10TH	KUANG	MIN205
475 (FOUND. OF ANALYSIS)	MATH 450	5	11TH, 3:10MWF	ARENA	MIN304
498 (SEMINAR-SPEC. FUNCT.)	DEPT. APPR.	3	9TH, 1:10F	ARENA	MIN304
499 (SPEC. PROB.-GRAD. MATH.)	GRAD. STG.	3	7:30-10(P.M.)	T STAFF	MIN202
530 (INTRO. TO MOD. ALGEBRA)	MATH 322	5	9MWF, 1:10TH	OLSON	MIN205
<b>MODERN LANGUAGES</b>					
<b>FRENCH</b>					
102 (ELEMENTARY)	FR. 101	4		POPEL	
-SEC 1			10MW, 2:10TH		MIN301
-SEC 2			11MW, 3:10TH		MIN314
-SEC 3			11TH, 3:10MW		MIN309
205 (INTERM. FRENCH)	FR. 204	4		POPEL	MIN301
314 (SELECT. RDGS. IN FRENCH)	F205 or 206	3	By ARRGT.	POPEL	
<b>GERMAN</b>					
102 (ELEMENTARY)	GER. 101	4		DIETRICH	
-SEC 1			9MW, 1:10TH		REL. ED. AUD.
-SEC 2			10MW, 2:10TH		REL. ED. AUD.
-SEC 3			11TH, 3:10MW		MOR212
205 (INTERM. GERMAN)	GER. 204	4		HERTEL	MIN301
215 (SCIENTIFIC GERMAN)	GER. 103	4		HERTEL	MIN303
313 (GERMAN LYRICS)	GER. 205 or 206	2	By ARRGT.	HERTEL	
<b>SPANISH</b>					
102 (ELEMENTARY)	SP. 101	4			
-SEC 1			11TH, 3:10MW	STALLINGS	MIN301
-SEC 2			11MW, 3:10TH	DIETRICH	REL. ED. AUD.
205 (INTERM. SPANISH)	SP. 204	4		STALLINGS	MIN301
314 (SELECT. SP. RDGS.)	SP. 205 or 206	3	By ARRGT.	DIETRICH	
<b>MUSIC</b>					
111 (INTRO. TO MUS. LIT)		3	1:10MW, 9F	VANVLISSEN	PUTN20
112 (SYMPHONIC LIT.)	MJS. 111	3	9TH, 1:10F	VANVLISSEN	PUTN20
121, 122, 123 (ELEM. PIANO)		2	By ARRGT.	CROAL	PUTN12
131, 132, 133 (ELEM. VOICE)		2	By ARRGT.	VANVLISSEN, GOODWIN	PUTN4
141, 142, 143 (ELEM. WINDS)		2	By ARRGT.	JOHNSON, EUREM	PUTN2
205 (THEORY)	MJS. 204 or APPR.	3	10MW, 2:10TH	JOHNSON	PUTN2
221, 222, 223 (INTERM. PIANO)		2	By ARRGT.	CROAL	PUTN12
231, 232, 233 (INTERM. VOICE)		2	By ARRGT.	VANVLISSEN, GOODWIN	PUTN4
241, 242, 243 (INTERM. WINDS)		2	By ARRGT.	JOHNSON, EUREM	PUTN2
305 (HIST. OF MUSIC)		2	2:10MW	JOHNSON	PUTN2
313 (ORCHESTRATION)	MJS. 312	3	3:10MW, 11F	JOHNSON	PUTN2
315 (THEORY II)	MJS. 314	3	10TH, 2:10F	JOHNSON	PUTN2
321, 322, 323 (ADV. PIANO)		2	By ARRGT.	CROAL	PUTN12
331, 332, 333 (ADV. VOICE)		2	By ARRGT.	VANVLISSEN, GOODWIN	PUTN4
341, 342, 343 (ADV. WINDS)		2	By ARRGT.	JOHNSON, EUREM	PUTN2
325 (INSTR. METHODS)	MJS. 110	3	10MW, 2:10TH	EUREM	PUTN21
375 (SPEC. METH. VOCAL MUSIC)		2	By ARRGT.	VANVLISSEN	PUTN20
151, 251, 351, 451 (CHORUS)	DEPT. APPR.	1	5TH	VANVLISSEN	MIN219
151, 251, 351, 451 (CHOIR)	DEPT. APPR.	1	5MTWTH	GOODWIN	PUTN20
161, 261, 361, 461 (BAND)	DEPT. APPR.	1	4MTWTH, 12:20F	EUREM	PUTN21
<b>SOCIAL AND BEHAVIORAL SCIENCES</b>					
<b>ECONOMICS</b>					
242 (PRIN. OF ACCTG. II)	ECON. 241	3			
-SEC 1			9MW, 1:10TH	THIEL	MIN402
-SEC 2			9TH, 1:10F	ANDERSON	MIN402
250 (PRIN. OF ECON. I)	SOPH. STG.	3			
-SEC 1			9TH, 1:10F	PETTEE	MIN301
-SEC 2			10TH, 2:10F	PETTEE	MIN309
251 (PRIN. OF ECON. II)	ECON. 250	3			
-SEC 1			10MW, 2:10TH	SNYDER	MIN219
-SEC 2			9MW, 1:10TH	SNYDER	MIN219
309 (COOPERATIVES)	ECON. 250	3			
310 (ADVERTISING)	ECON. 250	3			
313 (MONEY & BANKING)	ECON. 250	3			
315 (BUSINESS FINANCE)	ECON. 250	3			
322 (BUSINESS LAW I)	ECON. 250	3			
323 (BUSINESS LAW II)	ECON. 322	3			
329 (LIFE INSURANCE)	ECON. 250	3			
343 (COST ACCOUNTING)	ECON. 243	3			
352 (ADV. ACCOUNTING)	ECON. 351	3			
411 (LABOR ECONOMICS)	ECON. 252	3			
413 (PUBLIC FINANCE)	ECON. 412	3			
418 (ADV. ECONOMICS)	ECON. 252	3			
452 (DEV. OF ECON. THOUGHT)	ECON. 252	3			
499 (SPEC. PROB.-OLDER PEOPLE)	D. APPR.	2-3	9MW, 1:10TH	GARDNER	MIN322



# es and By Departments Within

PREVIOUS	DEPARTMENT & SUBJECT	PREREQUISITE	CR.	HR & DAYS	INSTRUCTOR	ROOM
241	ORGANIC CHEMISTRY					
242	ORGANIC CHEMISTRY					
241M	ORGANIC CHEMISTRY					
352	ORGANIC CHEMISTRY					
451	ADV. ORG. LAB.					
455	ORG. QUAL. ANALYSIS					
499	SPECIAL PROBLEMS					
545	STEREOCHEMISTRY					
598	SEMINAR					
599	THESIS & RESEARCH					
461	PHYSICAL CHEMISTRY					
464	PHYS. CHEM. LAB.					
499	SPECIAL PROBLEMS					
568	THERMODYNAMICS I					
598	SEMINAR					
599	THESIS & RESEARCH					
150	AGRICULTURAL ENGINEERING					
324	FARM POWER					
340	FARM STRUCT. & UTIL.					
430	ADV. FARM UTILITIES					
498	SEMINAR					
499	SPECIAL PROBLEMS					
524	ADV. FARM POWER					
540	ADV. FARM STRUCT.					
599	THESIS & RESEARCH					
150	ARCHITECTURE AND ARCHITECTURAL ENGINEERING					
202	FREELAND DRAWING					
211	ARCH. DES. & THEORY					
321	HIST. OF ARCH.					
335	WORKING DRAWINGS					
343	BLDG. MTL. & CONST.					
402	FREELAND DRAWING					
411	ARCH. DESIGN					
451	CITY & REG. PLANNING					
499	SPECIAL PROBLEMS					
511	ADV. ARCH. DESIGN					
150	CIVIL ENGINEERING					
309	FLUID MECH.					
316	SOIL MECHANICS					
332	STRUCT. THEORY I					
405	REINF. CONCRETE II					
409	ENG'R. ECON.					
410	SEWERAGE & SEWAGE DISP.					
430	STRUCT. FOR ARCH. III					
444	STRUCT. THEORY IV					
150	ELECTRICAL ENGINEERING					
315	CIRCUIT ANALYSIS II					
316	CIRCUIT ANALYSIS III					
325	ELECTRONICS II					
353	ELECTROMECHANICAL DEV.					
355	ELECTROMAG. ENERGY CONV. I					
375	ELECTRICAL WIRING					
403	ELECTROMAG. FIELDS II					
426	COMM. ENG'R. II					

DEPARTMENT & SUBJECT	PREREQUISITE	CR.	HR & DAYS	INSTRUCTOR	ROOM
434(SYSTEMS I)	EE418	3			
459(ELECTROMAG. ENERGY CONV. III)	EE404	4			
501(ELECTROMAG. FIELDS IV)	EE418	3			
507(CIRCUIT ANALYSIS VIII)	EE418	3			
532(ELECTRONICS V)	EE531	3			
550(SERVO MECHANISMS I)	EE435	3			
599(THESIS & RESEARCH)	DEPT. APPR.				
150(ORIENTATION)		R	1:10T	STAFF	FEST.H.
280(INTRO. TO IE)	SOPH. STG.	3			
347(SAFETY ENGR'G.)	JR. STG. & APPR.	3			
350(WORK MEASUREMENT)	IE280	3			
385(WAGE & SAL. ADMIN.)	IE280	3			
446(ENGR'G. PRACTICE)	SR. STG. & APPR.	3			
457(METHODS ENGR'G.)	MATH329	5			
481(ENGR'G. VALUATION)	IE480	3			
499(SPECIAL PROBLEMS)	DEPT. APPR.				
510(MAN. TECHNIQUES)	IE 446OR	3			
520(PROD. INTEGRATION)	ECON. 311, 312, 345 IE457	3			
107(ENGR. GRAPHICS I)		2			
108(DESCRIPTIVE GEOMETRY)	ME107, M59	3			
110(ENGR'G. GRAPHICS II)	ME107	2			
150(ORIENTATION)		R	1:10T	A.W. ANDERSON	FEST.H.
203(PROD. PROCESSES I)	ME107	2			
204(PROD. PROCESSES II)	ME203	2			
216(WELDING FAB. I)		1			
217(WELDING FAB. II)	ME216	1			
230(STATICS)	PHYS. 231, MATH202	5			
301(MECH. EQUIP. OF BLDGS.)		3			
325(FUELS & LUBRICANTS)	ME224	2			
327(DYNAMICS OF MECHANICS)	ME230	4			
328(MECH. OF MATERIALS)	ME230	5			
335(BASIC THERMODYNAMICS)	PHYS235, M202	5			
336(ENERGY CONV. I)	ME335	4			
429(INT. COMBUSTION ENGINES)	ME341	4			
430(STRESS ANALYSIS)	ME328	3			
432(AIR CONDITIONING)	ME341	4			
435(DYNAMICS OF MACH.)	ME240, 327, 431	3			
437(ENGINEERING MAT'L.S.)	ME441	3			
439(GAS TURBINES)	ME341	4			
475(MECH. LAB.)	ME341	2			
532(EXPER. STRESS ANALYSIS)	ME340	3			
536(GAS DYNAMICS I)	ME341	3			
538(ENGR'G. ANALYSIS)	MATH303	3			
599(THESIS & RESEARCH)					
312(AERODYNAMICS I)	ME327, MATH202	3			
442(AIRPLANE DESIGN I)		4			
201(GENERAL)	TRIG. COLL. ALG.	4			
202(GENERAL)-SEC 1	PHYS. 201	4			
202(GENERAL)-SEC 2	PHYS. 201	4			
231(GENERAL)	MATH. 201, CO-REG. MATH. 202	5			
232(GENERAL)-SEC 1	PHYS. 231	5			

DEPARTMENT & SUBJECT	PREREQUISITE	CR.	HR & DAYS	INSTRUCTOR	ROOM
315(CIRCUIT ANALYSIS II)	EE204	5			
316(CIRCUIT ANALYSIS III)	EE315	4			
325(ELECTRONICS II)	EE323	6			
353(ELECTROMECHANICAL DEV.)	EE204	5			
355(ELECTROMAG. ENERGY CONV. I)	EE315	5			
375(ELECTRICAL WIRING)	PHYS. 203	2			
403(ELECTROMAG. FIELDS II)	EE402	5			
426(CO. COMM. ENG'R. II)	EE425	4			
434(SYSTEMS I)	EE418	3			
459(ELECTROMAG. ENERGY CONV. III)	EE404	4			
501(ELECTROMAG. FIELDS IV)	EE418	3			
507(CIRCUIT ANALYSIS VIII)	EE418	3			
532(ELECTRONICS V)	EE531	3			
550(SERVO MECHANISMS I)	EE435	3			
599(THESIS & RESEARCH)	DEPT. APPR.				
150(ORIENTATION)		R	1:10T	STAFF	FEST.H.
280(INTRO. TO IE)	SOPH. STG.	3			
347(SAFETY ENGR'G.)	JR. STG. & APPR.	3			
350(WORK MEASUREMENT)	IE280	3			
385(WAGE & SAL. ADMIN.)	IE280	3			
446(ENGR'G. PRACTICE)	SR. STG. & APPR.	3			
457(METHODS ENGR'G.)	MATH329	5			
481(ENGR'G. VALUATION)	IE480	3			
499(SPECIAL PROBLEMS)	DEPT. APPR.				
510(MAN. TECHNIQUES)	IE 446OR	3			
520(PROD. INTEGRATION)	ECON. 311, 312, 345 IE457	3			
107(ENGR. GRAPHICS I)		2			
108(DESCRIPTIVE GEOMETRY)	ME107, M59	3			
110(ENGR'G. GRAPHICS II)	ME107	2			
150(ORIENTATION)		R	1:10T	A.W. ANDERSON	FEST.H.
203(PROD. PROCESSES I)	ME107	2			
204(PROD. PROCESSES II)	ME203	2			
216(WELDING FAB. I)		1			
217(WELDING FAB. II)	ME216	1			
230(STATICS)	PHYS. 231, MATH202	5			
301(MECH. EQUIP. OF BLDGS.)		3			
325(FUELS & LUBRICANTS)	ME224	2			
327(DYNAMICS OF MECHANICS)	ME230	4			
328(MECH. OF MATERIALS)	ME230	5			
335(BASIC THERMODYNAMICS)	PHYS235, M202	5			
336(ENERGY CONV. I)	ME335	4			
429(INT. COMBUSTION ENGINES)	ME341	4			
430(STRESS ANALYSIS)	ME328	3			
432(AIR CONDITIONING)	ME341	4			
435(DYNAMICS OF MACH.)	ME240, 327, 431	3			
437(ENGINEERING MAT'L.S.)	ME441	3			
439(GAS TURBINES)	ME341	4			
475(MECH. LAB.)	ME341	2			
532(EXPER. STRESS ANALYSIS)	ME340	3			
536(GAS DYNAMICS I)	ME341	3			
538(ENGR'G. ANALYSIS)	MATH303	3			
599(THESIS & RESEARCH)					
312(AERODYNAMICS I)	ME327, MATH202	3			
442(AIRPLANE DESIGN I)		4			
201(GENERAL)	TRIG. COLL. ALG.	4			
202(GENERAL)-SEC 1	PHYS. 201	4			
202(GENERAL)-SEC 2	PHYS. 201	4			
231(GENERAL)	MATH. 201, CO-REG. MATH. 202	5			
232(GENERAL)-SEC 1	PHYS. 231	5			

DEPARTMENT & SUBJECT	PREREQUISITE	CR.	HR & DAYS	INSTRUCTOR	ROOM
315(CIRCUIT ANALYSIS II)	EE204	5			
316(CIRCUIT ANALYSIS III)	EE315	4			
325(ELECTRONICS II)	EE323	6			
353(ELECTROMECHANICAL DEV.)	EE204	5			
355(ELECTROMAG. ENERGY CONV. I)	EE315	5			
375(ELECTRICAL WIRING)	PHYS. 203	2			
403(ELECTROMAG. FIELDS II)	EE402	5			
426(CO. COMM. ENG'R. II)	EE425	4			
434(SYSTEMS I)	EE418	3			
459(ELECTROMAG. ENERGY CONV. III)	EE404	4			
501(ELECTROMAG. FIELDS IV)	EE418	3			
507(CIRCUIT ANALYSIS VIII)	EE418	3			
532(ELECTRONICS V)	EE531	3			
550(SERVO MECHANISMS I)	EE435	3			
599(THESIS & RESEARCH)	DEPT. APPR.				
150(ORIENTATION)		R	1:10T	STAFF	FEST.H.
280(INTRO. TO IE)	SOPH. STG.	3			
347(SAFETY ENGR'G.)	JR. STG. & APPR.	3			
350(WORK MEASUREMENT)	IE280	3			
385(WAGE & SAL. ADMIN.)	IE280	3			
446(ENGR'G. PRACTICE)	SR. STG. & APPR.	3			
457(METHODS ENGR'G.)	MATH329	5			
481(ENGR'G. VALUATION)	IE480	3			
499(SPECIAL PROBLEMS)	DEPT. APPR.				
510(MAN. TECHNIQUES)	IE 446OR	3			
520(PROD. INTEGRATION)	ECON. 311, 312, 345 IE457	3			
107(ENGR. GRAPHICS I)		2			
108(DESCRIPTIVE GEOMETRY)	ME107, M59	3			
110(ENGR'G. GRAPHICS II)	ME107	2			
150(ORIENTATION)		R	1:10T	A.W. ANDERSON	FEST.H.
203(PROD. PROCESSES I)	ME107	2			
204(PROD. PROCESSES II)	ME203	2			
216(WELDING FAB. I)		1			
217(WELDING FAB. II)	ME216	1			
230(STATICS)	PHYS. 231, MATH202	5			
301(MECH. EQUIP. OF BLDGS.)		3			
325(FUELS & LUBRICANTS)	ME224	2			
327(DYNAMICS OF MECHANICS)	ME230	4			
328(MECH. OF MATERIALS)	ME230	5			
335(BASIC THERMODYNAMICS)	PHYS235, M202	5			
336(ENERGY CONV. I)	ME335	4			
429(INT. COMBUSTION ENGINES)	ME341	4			
430(STRESS ANALYSIS)	ME328	3			
432(AIR CONDITIONING)	ME341	4			
435(DYNAMICS OF MACH.)	ME240, 327, 431	3			
437(ENGINEERING MAT'L.S.)	ME441	3			
439(GAS TURBINES)	ME341	4			
475(MECH. LAB.)	ME341	2			
532(EXPER. STRESS ANALYSIS)	ME340	3			
536(GAS DYNAMICS I)	ME341	3			
538(ENGR'G. ANALYSIS)	MATH303	3			
599(THESIS &					



DEPARTMENT & SUBJECT	PREREQUISITE	Cr.	HR & DAYS	INSTRUCTOR	ROOM
232(GENERAL)-SEC 2	PHYS.231	5	10TH,2:10MWF	HORVIK	SE22
-SEC F (ME)			8-10M	CHEN	SE26(E)
-SEC G (EE)			3:10-5TH	LARSON	SE26(E)
-SEC H (IE)			1:10-3T	GHANTA	SE26(E)
-SEC J (CE)			3:10-5T	STAFF	SE26(E)
-SEC K (AAS)			1:10-3TH	STAFF	SE26(E)
-SEC L (CHEM.)			10-12F	GHANTA	SE26(E)
329(STATISTICAL MECH.)	PHYS.328	3	BY ARRGT.	JOHNSON	
402(ELECTROMAG. THEORY)	PHYS.401	4	BY ARRGT.	JOHNSON	
405(MODERN PHYSICS II)	PHYS.404	3	BY ARRGT.	GHANTA	
499(SPEC. PROB.-MOD. PHYS. INTRO.)		3	1:10MW,9F		SE205,202

**COLLEGE OF HOME ECONOMICS**

ART	CR.	HR & DAYS	INSTRUCTOR	ROOM
100(INTROD. TO ART)	3	11MW	WEESNER	HE29.
-SEC 1		3:10-5M	PEOTTER	HE111
-SEC 2		3:10-5M	PEOTTER	HE111
-SEC 3		3:10-5TH	BURNETT	HE111
-SEC 4		10-12F	BURNETT	HE111
102(FUND. OF DESIGN)-SEC 1	Art101	1	12:20-2T	PEOTTER
-SEC 2		3:10-5F	PEOTTER	HE111
111(COST. DES.& APPREC.)	Art100	3	8F	BURNETT
-SEC 1		10-12MW	BURNETT	HE29
-SEC 2		10-12TH	BURNETT	HE111
-SEC 3		1:10-3MW	BURNETT	HE111
201(DESIGN I)	Art101,102,103	3	10-12TH,1:10-3F	PEOTTER
215(WEAVING)		3	8-10M+4HR.ARRGT.	STAFF
217(BEG. CERAMICS)		3	8-10T+4HR.ARRGT.	PEOTTER
302(HOME PLAN.& FURN.)		5	10MW,10-12TH,2:10-4F	WEESNER
304(HIST. OF FURN.& DEC. ARTS)	Art314PAR	3	3:10MW,11F	WEESNER
306(TEXTILE DESIGN)	Art101,102,103	2	8-10TTH	BURNETT
314(SURVEY OF ART)	Art100 OR 3 CRSHIST	3	1:10MW,9F	WEESNER
315(ADV. WEAVING)	Art215.	3	8-10M+4HR.ARRGT.	STAFF
317(INTERMED. CERAMICS)	Art217	3	8-10T+4HR.ARRGT.	PEOTTER
417(ADV. CERAMICS)	Art317	3	8-10T+4HR.ARRGT.	PEOTTER
499(SPECIAL PROBLEMS)	DEPT. APPR.	1-3	BY ARRGT.	STAFF

CHILD DEVELOPMENT AND FAMILY RELATIONS	CR.	HR & DAYS	INSTRUCTOR	ROOM
280(HOUSEHOLD EQUIPMENT)	3	9MW,1:10TH	SHELDON	HE228
281(CONSUMER BUYING)	T&C127	5	9MW,8TH,12:10F	SMITH,HAWKINSHE29,33
383(CHILD DEV.&GUID. I)	Psy215	4	3:10MW,11F+3HR.ARRGT.	KING
386(FAMILY RELATIONS)		3	11-12:15TH	HAWKINSON
481(HOME MANAGEMENT)		3	2:10MW,10F	WALKER
482(HOME MGMT. RESIDENCE)	CDFR481,	4		
-SEC 1 (1ST HALF QTR.)	F&N347		10MTWThS+1HR.ARRGT.	WALKER A. BALESH.
-SEC 2 (2ND HALF QTR.)			10MTWThS+1HR.ARRGT.	WALKER A. BALESH.
484(HOME NURSING)		1		
-SEC 1 (1ST HALF QTR.)			2:10T,1:10-3TH	JAGIM
-SEC 2 (2ND HALF QTR.)			2:10T,1:10-3TH	JAGIM
486(FAMILY DYNAMICS)	CD383Soc204,390or 405or418	3	12:45-2MW	HAWKINSON
487(CHILD DEV.&GUID. II)	CDFR383	3	BY ARRGT.	KING
498(SEMINAR-FAM.REL.)	DEPT. APPR.	1-3	BY ARRGT.	HAWKINSON
499(SPECIAL PROBLEMS)	DEPT. APPR.	1-3	BY ARRGT.	STAFF

FOOD & NUTRITION	CR.	HR & DAYS	INSTRUCTOR	ROOM
148(INTRO. FD. SELECT., PREP.)-SEC 1	5	8TH,1:10-3MW,9-11F	CHALLEY	HE221
-SEC 2		9TH,10-12TH,1:10-3F	SHELDON	HE228
150(ELEM. NUTRITION)	3	8THF	NYMON	HE228
241(FOOD PREP.& MEAL MGMT.)	SOPH. STG.	2	11F+LAB BY ARRGT.	CHALLEY
249(FOOD SELECT., PREP., FRZ.)	F&N148	4	1:10T,9-11MW,1:10-3TH	FLATEN
347(MEAL MANAGEMENT)-SEC 1	F&N249	3	2:10T,10-1MW	CHALLEY
-SEC 2			2:10T,10-1TTH	CHALLEY
350(NUT&DIETETICS)	DEPT. APPR.	4	11MTW,10-12TH	FLATEN
353(MAT.&CHILD NUT.)	F&N350	3	2:10MW,10-12F	FLATEN
355(QUANT. FOOD PROD.)	F&N347	5	8THF,10-1MW	SHELDON
498(SEMINAR-NUTRITION)	DEPT. APPR.	1	4:10M	FLATEN
499(SPECIAL PROBLEMS)	DEPT. APPR.	1-3	BY ARRGT.	STAFF
550(METH. OF RES. INF&N)GRD. STG. OR APPR.	GRD. STG. OR APPR.	3	1:10F,2:10-4WF	NYMON
596(SEMINAR)	GRD. STG.	1	4:10TH	NYMON
599(THESIS & RESEARCH)GRD. STG.& APPR.		8-15	BY ARRGT.	NYMON,SHELDON

HOME ECONOMICS EDUCATION	CR.	HR & DAYS	INSTRUCTOR	ROOM
370(HOMEMAKING EDUC. INH.S.)	E318HEd272	4	2:10MW,9-11F	BENSON
375(EXTENSION EDUCATION)		3	7-9:30(P.M.)	T HIGGINS
472(METH. ADULT HOMEMAK. ED.)	DEPT. APPR.	3	8MWF	BARTOW
475(STUD. TEACHING)	HEEd370&472	9		
-SEC 1 (1ST HALF QTR.)			BY ARRGT.	STAFF
-SEC 2 (2ND HALF QTR.)			BY ARRGT.	STAFF
476(TCHG. ATT.&VALUES)	HEEd.370	3	8TH,	BARTOW
(1ST HALF QTR.)			9MTWTH	BARTOW
498(SR. SEMINAR INHECED.)	HEEd.475	3	8TH	BENSON
(2ND HALF QTR.)			9MTWTH	BENSON
499(SPECIAL PROBLEMS)	DEPT. APPR.	1-3	BY ARRGT.	STAFF
577(EVALUATION IN HEC.)	DEPT. APPR.	3	7:30-9:50(P.M.)	T BARTOW
599(THESIS & RESEARCH)	DEPT. APPR.	8-15	BY ARRGT.	STAFF

TEXTILES & CLOTHING	CR.	HR & DAYS	INSTRUCTOR	ROOM
124(FUND. CLOTH. PROB.)	PRE-TEST	5	9MW,8-10TH,1:10-3F	RISING
127(TEXTILES)-SEC 1		3	10MW,2:10-4TH	HAWKINS
-SEC 2			2:10MW,10-12F	HAWKINS
128(FUND. CLOTH. PROB.)	PRE-TEST	3	11-12:15TH	RISING
226(INTER. CLOTH. PROB.)	T&C124or128	3		
-SEC 1			2:10TH,10-12MW	RISING
-SEC 2			10F,2:10-4MW	RISING
320(HIST. OF TEXTILES)	T&C127 OR APPR.	3	9TH,1:10F	REYNOLDS
324(FLAT PATTERN TECH.)	T&C226	3	2:10TH,10-12MW	REYNOLDS
426(TAILORING)	T&C226	3	2:10-4MW,10-12F	REYNOLDS
499(SPECIAL PROBLEMS)	DEPT. APPR.	1-3	1:10T+LAB BY ARRGT.	STAFF

**COLLEGE OF PHARMACY**

PHARMACEUTICAL CHEMISTRY	CR.	HR & DAYS	INSTRUCTOR	ROOM
346(BIOPHARMACY)	CHEM.243	3	11MW	VACIK
-SEC A			2:10-5M	VACIK
-SEC B			2:10-5T	VACIK
-SEC C			3:10-6W	VACIK
356(ORG. PHARM. CHEM.)	CHEM.243	4	1:10MW,10TTH	SHELVER
416(ORG. PHARM. INVEST.)	CH.243&APPR.	1-3	BY ARRGT.	VACIK,SHELVER
499(SPECIAL PROBLEMS)	DEPT. APPR.	1-3	BY ARRGT.	STAFF
461(ISOTOPE TRACER TECH.)	PH. CH.460	4	BY ARRGT.	VACIK
516(CHEM. OF NAT. OCCUR. MED.)	PH. CH.357	3	BY ARRGT.	SHELVER
598(SEMINAR)	DEPT. APPR.	1	BY ARRGT.	STAFF
599(THESIS & RESEARCH)	DEPT. APPR.	1-15	BY ARRGT.	STAFF

PHARMACOLOGY	CR.	HR & DAYS	INSTRUCTOR	ROOM
361(GEN. PHARMACOG.)	5	10MW,11TTH	SCHERMEISTER	Sud224
-SEC A		2:10-5T	OZBUN	Sud221
-SEC B		2:10-5W	OZBUN	Sud221
-SEC C		8-11TH	OZBUN	Sud221
404(HYDROPNIC CULT. MED. PLTS.)	PCOG360	3	1:10M+LAB BY ARRGT.	SCHERMEISTER
412(CULT. OF MED. PLTS.)	PCOG360	5	BY ARRGT.	SCHERMEISTER
499(SPECIAL PROBLEMS)	DEPT. APPR.	1-3	BY ARRGT.	SCHERMEISTER
599(THESIS & RESEARCH)	DEPT. APPR.		BY ARRGT.	SCHERMEISTER

PHARMACOLOGY	CR.	HR & DAYS	INSTRUCTOR	ROOM
311(PHARMACOLOGY)	PHCOL.310	4	9MW,1:10TH	REOPELLE
-SEC A			1:10-6W	REOPELLE
-SEC B			9-12:50F	REOPELLE
411(PHARMACOLOGY)	PHCOL.410	5	9MW,1:10THF	HEINRICH
-SEC A			2:10-6T	HEINRICH
-SEC B			1:10-5M	HEINRICH
-SEC C			9-12:50T	HEINRICH
498(SEMINAR)	PHCOL.410& APPR.	1	10TH	HEINRICH

PHARMACY	CR.	HR & DAYS	INSTRUCTOR	ROOM
116(ORIENTATION)-SEC A	PH.115	2	12WF	OZBUN
-SEC B			12MTH	OZBUN
208(EMERGENCY TREATMENT)-SEC A		2	3:10-5M	OZBUN
-SEC B			2:10-5F	OZBUN

DEPARTMENT & SUBJECT	PREREQUISITE	Cr.	HR & DAYS	INSTRUCTOR	ROOM
318(CALCULATIONS)		3	9TH,11F	VINCENT	Sud120
407(PRESCRIPTIONS)	PH.406	4	10MW	SLEIGHT	Sud120
-SEC A			2:10-5MW	HAAKENSON	Sud107
-SEC B			9-12T,2:10-5TH	HAAKENSON	Sud107
-SEC C			9-12F,2:10-5T	HAAKENSON	Sud107
428(MANUF. SPECIALITIES)	PHCOL.410	2	9TH	SLEIGHT	Sud224
-SEC A			10-12F	SLEIGHT	Sud106
-SEC B			2:10-4W	SLEIGHT	Sud106
-SEC C			2:10-4TH	SLEIGHT	Sud106
465(ADV. SOLUTIONS)	PH.472	3	5TH,9-12S	VINCENT	Sud120,111
472(MANUFACTURING)	PH.263	3	12T,8F	SLEIGHT	Sud120
-SEC A			2:10-5M	SLEIGHT	Sud25
-SEC B			2:10-5TH	SLEIGHT	Sud25
499(SPECIAL PROBLEMS)	DEPT. APPR.	1-3	BY ARRGT.	VINCENT	Sud
510(HOSP. PHARM. PROC.)	PH.472&APPR.	3	BY ARRGT.	SLEIGHT	Sud
541(HOSP. PHARM. RS.)	DEPT. APPR.	5	BY ARRGT.	VINCENT	Sud
551(PHARM. CHROMATOGRAPHY)	DEPT. APPR.	3	5MW,9-12S	VINCENT	Sud120,111
599(THESIS & RESEARCH)	DEPT. APPR.		BY ARRGT.	VINCENT	

PHARMACY ADMINISTRATION	CR.	HR & DAYS	INSTRUCTOR	ROOM
240(PHARM. ACCOUNTING)	ECON.250	3	8MW	DANIAN
-SEC A			2:10-4M	DANIAN
-SEC B			9-11T	DANIAN
-SEC C			2:10-4TH	DANIAN
450(PHARM. MGMT.)	ECON.250, PAD240	4	11MWTH,1:10T	DANIAN

**OTHER DEPARTMENTS**

MILITARY-AIR SCIENCE	CR.	HR & DAYS	INSTRUCTOR	ROOM
-ALL MEN (THR. LAB REQ. OF EACH STUDENT)			8MORWOR1ORTHORF	HEISER
102(BASIC AIR SCIENCE)	AS101	1		HEISER
-SEC 1			9M	
-SEC 2			10M	
-SEC 3			9T	
-SEC 4			10T	
-SEC 5			11W	
-SEC 6			2:10W	
-SEC 7			11TH	
-SEC 8			2:10TH	
202(BASIC AIR SCIENCE)	AS201	2		WACKERFUSS
-SEC 1			9MW	
-SEC 2			11MW	
-SEC 3			1:10MW	
-SEC 4			9TTH	
-SEC 5			11TTH	
-SEC 6			2:10TTH	
302(ADV. AIR SCIENCE)-SEC 1	AS301	3	7:45-8:50TTHF	HEGLAND
-SEC 2			3:10MW,7:45F	HEGLAND
402(ADV. AIR SCIENCE)-SEC 1	AS401	3	7:45-8:50TTHF	SEWARD
-SEC 2			3:10MW,7:45F	SEWARD

MILITARY-ARMY	CR.	HR & DAYS	INSTRUCTOR	ROOM
-ALL MEN (THR. LAB REQ. OF EACH MS STUDENT)			7:45MORWORFOR1ORTHORF	HUBP
102(BASIC MILITARY SCIENCE)	MS101	1		HUBP
-SEC 1			9M	
-SEC 2			10M	
-SEC 3			11M	
-SEC 4			1:10M	
-SEC 5			9T	
-SEC 6			10T	
-SEC 7			11T	
-SEC 8			2:10T	
202(BASIC MILITARY SCIENCE)	MS201	2		GRAEFE
-SEC 1			9MW	
-SEC 2			11MW	
-SEC 3			1:10MW	
-SEC 4			9TTH	
-SEC 5			10TTH	
-SEC 6			11TTH	
302(ADV. MILITARY SCIENCE)-S1	MS301	3	7:45-8:50TTHF	BARGER
-SEC 2			3:10MW,11-12:05F	BARGER
402(ADV. MILITARY SCIENCE)-SEC1	MS401	3	7:45-8:50TTHF	JOHNSON
-SEC 2			3:10MW,11-12:05F	JOHNSON

PHYSICAL EDUCATION-MEN	CR.	HR & DAYS	INSTRUCTOR	ROOM
112(TUMBLING)	1	2:10MW,10F	WALLINE	FH POOL.
117(BASKETBALL-VOLLEYBALL)	1	3:10MW,11F	JOHNSON	PEd.FLOOR
118(WRESTLING)	1	4:10MTWTH	NEUBERGER	FH POOL