The Spectrum

XLV, No. 11

North Dakota State University, Fargo, North Dakota

November 25, 1964



MASS CONFUSION REIGNS as freshmen pick up class cards in Minard Hall.

Opinions Differ About Pre-Registration System

"We expect to use the same type of pre-registration spring quarter;" said Burton B. Brandrud, director of admissions and records, "there were no paricular problems and we were very pleased with the way it worked out."

Brandrud said that adminis-rators did notice a bottleneck when freshmen were picking up heir master cards, but that they are considering ways to correct this.

He stressed the importance f students not losing their cards, especially their IBM master cards. When several stu-dents lost their master cards, the cards could not be replaced for sveral days and those students were delayed in picking up their class cards.

On the last day of pre-registration, several people were asked their opinions of the registration system. Some of the replies are:

"We registered over 1,000 freshmen in English between 8:30 and noon Friday," com-mented John Hove, chairman of the English department. He said that he was happy with the pre-registration and that it worked well with the English department.

However, Hove also said that his idea of pre-registration was a more leisurely process and shouldn't be completed in one

"It generally progressed satisfactorily, but two things need improvement," was the opinion of David E. Eustice, associate professor of math and education. First, the clerical handing out cards needs improvement.

Secondly, all colleges and departments should standardize and adhere to the same published regulations.

Jerry Anderson, EA 3, expressed a student view when

he said, "I like not having to stand in line and not having to waste an extra day just registering, but I had to skip a class to get all of my class cards."

Russell A. Snyder, assistant professor of economics, commented that things haven't im-

Organization And Activities Board Approves Funds For Swimming Pool

the Fieldhouse swimming pool was approved by the Board of Organizations and Activities

The approved motion reads: "The Board of Organizations and Activities recommends that monies be appropriated from the Student Service Fund to provide a sufficient financial base for the initiation of the completion of the Fieldhouse swimming pool."

In the motion no mention was made of the \$8,000 requested by Student Senate because the Board thought it unnecessary to request a specific amount.

Since a student organization cannot be a party to a contract, the administration, not senate, will pay the contractor of the pool. The Board believed that the \$8,000 would be given to senate only to be returned to the administration to pay the

Board members also questioned whether money could be given to a student group for a building project.

The change, said the Board, would not weaken the motion to complete the swimming pool. The pool now has to be approved by the President and administration and then by the Board of Higher Education.

The pool can be completed for about \$15,000, according to the contractor. He is willing to finish it for \$10,000 cash and a guarantee for the rest. "Operation Splash" collected \$1,722 and about \$8,000 more is need-

STUDENT SERVICE FUND This fund is the "bank" of the campus. Part of every student's registration fee goes into this central fund. Any organization such as Student Senate may request money. Budgets are submitted and organizations receive an "account" in the

fund which they use for ex-

No college department or student organization has money of its own. If "Operation Splash" had raised \$8,000, the money would have been put into this fund. If the athletic department could find a philanthropist who would give \$2 million for a new Fieldhouse, the \$2 million would be put in the fund.

The reasoning behind this, said the Board, is that no college department or student organization may be party to a contract. Bills are paid by the administration through this

Money in the general fund is allotted to organizations according to their budgets. The Board believed that although the request for the pool was approved, it would be necessary to transfer \$8,000 from the general fund into Student Senate's

Sigma Chis Win First College Bowl

The Sigma Chi fraternity was awarded the traveling trophy in the first all-campus College Bowl at North Dakota State University. Sigma Chi was victorious over Kappa Kappa Gamma, Burgum Hall and Sigma Nu in the final matches held last Sunday in the Memorial Union.

The College Bowl, presented by the Student Union Activities Board, is modeled after the National College Bowl, a regular television series. All fraternities, sororities and housing units were asked to submit

teams of four members. Competing teams numbered 15.

The first matches were held on the previous Sunday after which, by process of elimina-tion, four teams remained undefeated and were invited back for the semi-finals and finals last Sunday.

The matches were Sigma Chi vs. Sigma Nu and KKG vs. Burgum Hall. Sigma Chi and Burgum Hall defeated their opponents and then went into the final match. For half an hour Andrew Bushko, director of activities for the Memorial Union.

presented questions covering a range of subjects for the teams to answer. Of the questions asked only three remained unanswered by the two

When points were tallied Sigma Chi was ruled the victor and was presented a silver trophy by Leo Johnson, chairman of this year's College

The Sigma Chi team consisted of Bill Wilson, AS 3, George Foulkes, AS 4, Spencer Duin, EA 4, and Bill Reichert, EA 2.

Team members expressed mixed feelings over their victory. Wilson said he didn't think they were going to win and that he still couldn't believe that they had won. Foulkes said he didn't doubt for a minute that they would win.

Reichert said he was just mad that they missed as many questions as they did. Duin said the victory just didn't figure since the Sigma Chi overall average leaves much to be desired.

Foulkes added: "It all goes to show that a person's scholastic average is not a very good measure of intelligence."

Donations From Campus Chest Drive Estimated About \$1,100 By Wetzel

given to the Crippled Children's

School, Moorhead Harbor School,

Opportunity School, Children's

Village, World University Ser-

vice and the Save American

Final event of the drive was

According to Bob Wales, AS

the Ugly Man Dance sponsored

by Alpha Phi Omega, national

2, and Bill Haugen, AS 2, dance

co-chairmen, this dance is held

on all campuses that have an

Alpha Phi Omega chapter. For

the last few years, it has coin-

cided with Campus Chest Week

Sororities and dormitories

sponsor candidates for Ugly

Youth Fund.

UGLY MAN

at NDSU

service fraternity.

The North Dakota State University Campus Chest Drive was held Nov. 9-14.

This annual event was patterned several years ago after the United Fund of Fargo. Commission of Inter-campus Affairs organized the drive.

Rodger Wetzel, CP 3 and chairman of the drive, said that "We felt that solicitation went well on campus, but it was hard to contact off-campus students.'

Total yet determined, but Wetzel estimated it to be \$1,100. This is about the same quantity that was received last year.

Wetzel commented that next year the drive should be held earlier. This year all dormitory room rent had to be paid by Nov. 10, which was during the middle of Campus Chest Week.

About 100 persons worked on solicitations, according to Sandy Fossum, AS 3 and solicitations co-chairman. Dorms were all contacted and one floor in Reed Hall gave over \$50 to the charity drive.

Little was collected in the old chests placed on campus, but "They were good advertising," Miss Fossum said.

The biggest problem of the drive was finding off-campus students at home.

Money from the drive will be

Man and dress their nominee appropriately. The winner is picked by vote at the dance, after pictures of the made-up candidates are shown on campus. This year's winner was Lynn Ferrin, PH 3, sponsored

by Kappa Kappa Gamma.
"We sent pictures of all the Ugly Men to the Crippled Children's School and let them vote," said Wales. Jacques La-Marre, AS 1, sponsored by Dinan Hall, received about onethird of those votes.

Peanut butter was the main ingredient of an Ugly Man's face, according to candidates Bob Challey, CP 2, Rodney

Wentz, AG 4, and Ferrin. Other make-up included marshmallow paste, whipped cream, oatmeal and anything else available.

After being "uglified" and waiting an hour for a photographer, the material was scraped off with a knife. The head was then placed under a water fau-

"It was nice to win," said Ferrin.

Bowl Game Transportation Arranged To Aid Students

Bus

Transportation arrangements have been made to accommodate students, faculty, alumni and friends so they will be able to back the Bison in North Dakota State University's first bowl football game.

\$20.00 Cost per person Leave - Fargo 6:30 p.m. (Nov. 27) Arrive - Excelsior Springs 9:00 a.m. (Nov. 28) Leave - Excelsior Springs 8:00 p.m. (Nov. 28) Arrive - Fargo 10:00 a.m. (Nov. 29)

Train \$21.10 Cost per person 2:50 p.m. Leave - Fargo (Nov. 27)

Arrive - Excelsior Springs 7:15 a.m. - (Nov. 28) Leave - Excelsior Springs 9:00 p.m. (Nov. 28) Arrive - Fargo 12:15 p.m. (Nov. 29)

Mineral Bowl tickets are \$2 and \$3 for reserved seats.

Fans will be able to catch the train at the Great Northern depot near Broadway and 5th Avenue North. Buses will depart from the NDSU Memorial

Tickets for bus, train and game are available at the information desk of the Memorial Union on advance payment only. After today, however, they must be obtained through the dean of students' office.



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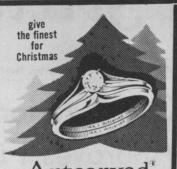
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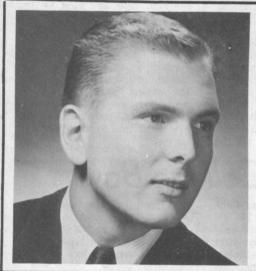
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aside. It's just as necessary during the summer. When I'm on my boat, the hot sun is rough on my lips-burns them up, dries them out. 'Chap Stick' helps soothe and heal them fast!"

A favorite in Canada.





The lip balm selected for use by the U.S. Olympic Team.

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'CHAP STICK' IS REG. TM @1964 MORTON MFG. CORP., LYNCHBURG, VA.

Parnassus Besieged

THE AUDIENCE AS A CURIOUS PLAY-SEEKER Last week end I was host to a thousand children. They thron the pompous halls of Old Main—bright, eager, critical ,demanding n ing so much as to be allowed to judge for themselves the worth of play designed especially for them. Their judgment, happily, was fa able. We knew their judgment was favorable, because they stayed watch the play through to its finish.

Had they been bored, had the play disappointed them, they wo have turned immediately to more interesting things. A dangling tail, an unattended window, the mordant peregrinations of a beatle clamorous troop advancing up the aisle to do battle with an ima ary foe—all these might have called them away, had the play be the revealent.

An audience of children carries with it none of the polite serve and none of prejudgment of adults. Their only questions "Can I go?" and "Will I attend?" If their curiosity is piqued, find the means, mothers or pennies, to go. If their curiosity is longed, they give willingly their attention to the end of the shape Wonderful immediacy.

What questions manifest this curiosity, I don't know, but of them were these. From a young lad digging in several pockets the grubby nickel to make up his fare: "Who gets all this mon That's what I want to know. Who will spend it all? And for what is the several pockets are the grubby nickel to make up his fare: "Who gets all this mon that's what I want to know. Who will spend it all? And for what is the several pockets are the several pockets." He will be a journalist, someday, perhaps.

From Kim Hanson, age 4, on seeing or not-seeing Ron M_{rnak} appear in a cloud of smoke and imprecations: "Where did he Where did that funny green man go? Into the clock?"

A small boy, his smooth forehead now creased with concer tion, wearing a green jacket and one mitten, the other left bein his haste to expose the trickery o' the world, paces back and for a gitation before Bob Thorson, normally clean-shaven, now weather the control of the a full gray beard stuck on with spirit gum and Kurt Knudson, wea a bit of shoe polish in his own home-sprouted adornment. The gives Thorson a nod and a wink, advances on Knudson, and dem. "Take off that beard. I know it's fake." Thorson comes well laughing off his own camouflage.

These are some of the questions and some of the desires spring from curiosity. That "Rumpelstiltskin" satisfied many of the desires is due to the great work, talent and, yes, and love, too, that go making things as well and as truly as one can.

THE AUDIENCE AS A BLOB OF COAGULANT PUTTY

The main descriptions that one can make of the audiences where on campus this past week are that they were small, list and as prone to any significant reaction as a fossil flounder a below zero.

Where is the excitement that should greet a troupe of actors skilled as the Guthrie Theatre Group? Where the eagerness, with anticipation? Where the "Oh, can hardly wait till it begins," the children brought to help the actors who performed for then

where are the early arrival, excited pre-curtain buzz, immed laugh or groan during performance, enthusiastic response at furtain and continuing discussion after the event?

Children throughout Fargo are even now playing Rumpelstilts dividing up the parts among themselves, running again through show they saw. They are applying what they have experienced to wgoes on about them, badgering their parents about transmutation straw and other base metals into gold, wondering at the efficacy magic, seeking dwarfs in unlikely places, remembering the evil quencher who maunders about poking babies in the eye. mother who maunders about poking babies in the eye

Yet the Memorial Union can scarcely give away a cup of coffee ter "Alexander Nevsky," the audience preferring to stow away am the chaff of mass media, rather than to haggle alternate inter

What child will miss the next play put on for him at the L Country Theatre? None who saw the first. Yet who, having amused, or titillated or entertained by "The Threepenny Opera," cared enough to come to tryouts for "King Lear?" Who will be the company of the company to the company to the company of the company to the company of the company to the c this afternoon at 3?

Who went to Emlyn Williams last night, being curious enoug

give it a try? Who saw the film at the Livingston Lord Library?

Until the spirit of play and sense of curiosity come to this pus, Parnassus shall remain besieged. I had hoped in time to ch the title of this column to something more triumphant less auste aloof. But that time is not yet here. Until then, it will go on, go on at all, as the same crochety spatter of words you have so kind as to thus far tolerate

RIDE A

KONEN CAB

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CROWN DRIVE-IN NORTH FARGO

is a junior major in

Leavens

one quarter and manag-

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wish to emphasize that neetings can not be the staff; it will be sibility of the organi-

in the style or layout of

m," said Leavens.

this fall term.

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Melvin W. Faulk, an officersity is authorized to fessor, announced last the Air Force ROTC States Air Force Academy.

This nominee will compete with Since these controls in the same of the composition of

Melvin W. Faulk, air State University is authorized to nominees from other Air Force

Spectrum Editor Is Announced

Richard Grage has been ap-Leavens has been cho-Board of Publications pointed as managing editor and Joe Schneider as edi-Allan Peterson and Jim Glynn as Spectrum. The Board co-news editors. Peterson tions is comprised of remains as sports editor. ents and three faculty

YWCA Will Sell Christmas Wreaths

The YWCA will again sell Christmas wreaths to raise money for its projects this year. The wreaths are made by two lowincome families in Minnesota.

Wreaths will be sold for \$2.50-\$1.10 will go to the families and the rest goes to the Y and auxiliary units. Chairman of this program Judy Rodger, AS 1, said they will be sold from Dec. 1-23.

Orders also may be placed through the Y office in the Library, 235-8712.

Since these appointments will be competitive, applications will be accepted only from those students who graduated in the top third of their high school class and whose college grade-point average is 3.0 or above.

All applicants must meet the following basic requirements:

1. Be enrolled in the Air Force ROTC program.

2. Satisfactorily completed at least one year of college work by July 1, 1965.

3. Must not have passed his 22nd birthday by July 1, 1965. 4. Must be a citizen of the Unit-

ed States and of highest moral character. 5. Must meet stringent physical

requirements.

6. Must not be, and never have been, married.

Information and applications are available in the administrative office of the Air Force ROTC detachment room 201 of the Fieldhouse. Applications must be submitted not later than Jan. 11, 1965.

Will Nominate Academy Cadet On The Social Scene

Cheryl Stock, HE 3, (AGD), is and Karen Larsen, HE 1. engaged to Mike Fair, Sigma Chi alumnus.

Betsy Reid, HE 4, (AGD), is en-

gaged to Dan Thesing, AS 4. Doris Wolf, AS 3, is engaged to Lyle Guerkle, Theta Chi.

Margaret Nurembor is engaged to Jim Amann, Theta Chi.

PLEDGES

New Alpha Gamma Delta pledges are Doreen Ramsey, AS 1, and Betsy Jennings, AS 1.

New Phi Mu pledges are Dorisdelegate.

New Alpha Gamma Delta actives are Diane Hewitt, AS 2, and Sandra Groom, EA 2

PLEDGE OFFICERS

Alpha Gamma Delta pledge officers are Susan Restemayer, HE 1, president; Jeannette Ferris, AS 1, first vice president: Gail Saugstad. AS 1, second vice-president; Cherre Brenden, AS 3, treasurer; and Joan Clairmont, HE 1, Panhellenic

N ORTHPORT

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"The development of management is essential to our goal of great growth"



At the 1964 stockholders' meeting, Arjay Miller, President of Ford Motor Company, emphasized the Company's far-sighted recruitment program and its accent on developing management talent:

"One aspect of our planning is crucial to the success of everything else we do. It engages the best thoughts and efforts of our whole management team, from top to bottom, throughout the world. I am speaking of the development of management. The immediate future of our Company depends heavily upon the abilities of the people who are now key members of our management team.

"In the longer run, our future depends on what we are doing at the present time to attract and develop the people who will be making the major decisions 10 to 20 years from now. We are developing management competence in depth in order to attack the roblems that will confront a company of great growth-and eat growth (both in profits and sales) is exactly the goal

re have established for Ford Motor Company.

"We are continuing to emphasize recruiting. Last spring, 180 of our management people devoted part of their time to recruiting outstanding graduates from colleges and universities throughout the U.S. Last year, these efforts resulted in our hiring over 1,000 graduates, 220 more than the year before.

"We are seeking and we are finding young men-and young women, too-with brains and backbone-people who have the ability and the desire to make room for themselves at the top. We give our trainees challenging assignments with as much responsibility as they can carry. We promote them as fast as they are ready. Those who are interested in easy security soon drop out. Those who have what we want stay with us, and move up quickly to increased responsibility and the pay that goes with it. Thanks to the quality of the people we are recruiting and developing, I am firmly convinced that our outlook is most promising."



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Editorials

Editorial Policy Stated By Editor

Following in Joe Schneider's footsteps will not be easy. The staff and the newspapers of this fall quarter have been the best that North Dakota State University has seen in a long time—possibly ever.

Editing a publication which is one of North Daflota's largest circulation weeklies is a full-time job. Schneider was working almost full time and he believes that he needs more time to study.

Schneider has tried to build a university newspaper on a campus that is itself working to build the University. He admits that its a big job. We believe he tends to be modest—one of his editorials last week was a little self-deprecating. He doesn't have to be.

He has done a competent, responsible job and we hope to carry

We have inherited Schneider's headaches as the next editor will inherit ours. He has given us the opportunity to make the Spectrum the best student publication in North Dakota.

We hope to take advantage of this opportunity and as a first step we will state our editorial policy.

As editors we will not comment in an editorial on any situation without first presenting the facts to the readers in a news story.

Editorials will be sincere and used with care and courage. They will be written to influence, to add background information and explanation or, if possible, to amuse.

The editors of a student publication have one main responsibility and that is to their fellow students.

A five-man editorial board will help us carry out this policy. On board are Joe and John Schneider, Allan Peterson, Jim Glynn

Joe Schneider has also agreed to stay on the Spectrum's staff as

Criticism Of Annual Are Not Based On Fact

As mass communicators, we tend to be sympathetic when uninformed criticism is made of any mass media.

We may have abetted such an unfair attack. Last week we printed a story about the investigation of the Bison annual which carried only Tanfield C. Miller's inaccurate statements and failed to get a

Miller has four main criticisms of the annual. He criticizes the staff, the cost of the book, the cost of class pictures and the cover. Let us take these points, one by one.

Miller said that the Bison should try to get a larger and bettertrained staff.

Does he realize that the editor, Mary Beth Billing, has eight editors under her? This is one editor for each section of the yearbook and these assistant editors have from four to six members on their staffs. This means that there are at least 40 students working on the

We ask you, Mr. Miller, aren't 40 competent and conscientious students enough for one annual staff?

We call them competent and conscientious because we have before us the Associated Collegiate Press Yearbook Guide which rates our annual, the same one that Miller tried to rate as poor, as excellent in many phases of yearbook editing. The staff received a rating of excellent on basic idea and organization of the yearbook, for two examples.

Now cost. The cost of this year's annual will be the same as last year's-\$7.50. Miller said this cost is too much to pay for the quality of the annual. We disagree with him but do not believe the point is

Another complaint of Miller's was that students have to pay a If a total educational program than of any other group, according professional photographer \$4.50 if they want their picture in the is to continue—someone must do to H. G. Heggeness, assistant proannual. This is a valid complaint and we agree with him. However, do undergraduates need their pictures in the annual?

A quick survey of eight staff members showed that only one of them had his picture in the annual as an undergraduate.

In the ACP ratings last year the cover of the annual received a rating of excellent. Should we take Miller's advice and lower the quality of the annual to decrease the cost?

Alterican system and so we cept it, according to Nelson.

"It seems to me that this

In addition, advisors to student publications at NDSU are pro-fessionals in the field of mass media and have years of dealing with publication problems.

We are not saying that the Bison annual has no faults. We do say that Miller's criticisms are invalid and that he should be more aware of the annual's problems if he is going to investigate the

The Spectrum

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The opinions stated in the Spectrum editorials are those of the editor and do not necessarily represent the opinion of the student body or administration of NDSU.

Lynn R. Leavens	Edito
Dick Grage	Managing Edito
Allan Peterson	Sports and Co-News Edito
Jim Glynn	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
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E. Joseph Schneider	Student Adviso
Verne Nies	Adviso
Norm Triebwasser	
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Howell, Pat Jacobson, Jim Schindler, Te	d Jacob, Buss Lamond, Jo
Satrom, Bob Dodge, Lauri Johnson, Mava	

Volume Six Praised By Professor

would have gambled on its chance support. of surviving more than a term.

A year or so ago when Vol. 6 to come from? And the enfant right bad as it has been at tin made its appearance few terrible had no visible means of it has continued to improve

Nevertheless it has survived the lot. For one thing, its policy to pub- This would be a small miracle in



suicidal. Where was the material than survive. Raggedy and do the latest number is the best

It is better, I think, than the erary magazines from across river or up north, even thou these magazines published once or twice a year and can choose from material gather over several months.

Someone should strike a me for Steve Ward who more anyone else, (except, perh his wife) has worked to k the magazine going. Aside fr reaching a respectable liter level, it seems to me that Vo is doing two things of considera importance for the University.

First, it appears to be gener ing creative material from dents in spite of the scarcity creative writing classes and absence of literary or arts club organizations very badly needed North Dakota State University.

Secondly, in Sam Brekke it pears to be nurturing a true p -about as rare in North Dak as the appearance of a super no There are other young write too, who look promising.

So when the University become a little Athens-on-the-Red Riv Vol. 6 and its literary guerril will have had a hand in it. In absence of medals let us Amen! Huzza!! Selah!!!

Thomas McGrath assistant professor of

NDSU Professors Criticize Spectrum We learned from questioning the Bison editor that despite the authorization for Miller's committee several weeks ago, Miller has not yet formed a working group. However, he has not used the privilege which every student has of examing the records, asking questions and acquainting himself with the situation he said he would investigate. And Bethany College President North Dakota State University low is ignoring completely the but I know many team of college in extra house in fact that being a university pro- in extra house in the college in the college in extra house in the college i

professors spoke up this week in fact that being a university pro- in extra hours trying to help answer to the Spectrum article ing 18 hours a day-he ignores from Bethany College, W. Va.

one in the editorial department of fessor of bacteriology. campus newspaper selected reading," said David Nelson, as-

cording to Nelson.

Teachers are not so naive as ity is to the educational system. Students do come first and most teachers do make an effort within the time available to give their for their families," said Sleeper. best to the student, remarked Nel-

research. There is generally a fessor of chemistry. Some people ed, for good teaching. This is the professors do not get together as load and not allow time for ke American system and so we ac-

"It seems to me that this fel-

the scholarship aspect involved," "It is quite evident that some- said B. P. Sleeper, associate pro-

It may be true that some prothis article especially for student fessors are annoyed with teaching but one cannot ignore the fact sistant professor of agricultural that in a good university research is on a par with teaching. It is This type of story provides stu- also true that there are teachers dents with a totally wrong impres- on this campus that should be sion of their college faculty, ac- doing research and are not doing it, according to Sleeper.

"I don't know anyone that takes to think that their first responsibil- a three-month holiday in the summer-they either have to do research during that period or go out and try to scrounge a living

One should not make generalizations about professors anymore If a total educational program than of any other group, according greater reward for research than are dedicated to their jobs but a group so these statements are

"There are exceptions, I admit, search."

North Dakota State University low is ignoring completely the but I know many teachers who dents. They are dedicated to th profession and not to the sale that they receive," said Heggene

"Just because it appears in newspaper is no indication that is true," said L. D. Loftsgard, " it appears to me that some peo are looking for a scapegoat their own use."

Students often think that a t cher stands between them and degree but ten years from n they will know that this was true, according to Loftsgard.

"The trend in recent years universities is to reduce tea ing loads and allow some time research work by professors," ed F. H. Sands, associate prosor of chemistry.

"However in the area of rapidly changing informat available to chemists," Sands a "it would expect heavy ing abreast with current stud and allow some time for

Michigan Authority Predicts Automation Affect Teaching Methods Of College

mation will turn college lecture halls into discussion forums, a predicts. Dr. Stanford C. Erick- said. sen, director of the Center for Research on Learning and Teaching, said that teaching machines will allow students to learn more on their own initiative.

The professor thereby will gain "some degree of freedom from his traditional role of telling things to students and moves closer to the more rewarding relationship of discussing things with his students," he explained.

Technological means of presenting information to the studentsuch as educational television and

come to utilize "the powerful fac- only have acquired basic in tors that lie within individually mation, but will have learned University of Michigan authority different students," Dr. Ericksen new knowledge is acquired

> quire the prerequisite information ing body of information conce by himself, he can then converse ing the physical and biolog with his teacher in a two-way inquiry about problems and issues for which answers are not yet known," Dr. Ericksen continued. "Similar to the dialogues Greek philosophers had with their stu-tablished knowledge. The n dents, this is university teaching difficult future role will not at its best," he added.

Michigan's Center for Research on Learning and Teaching is work- these attitudes and issues and ing to achieve this level of teaching, Dr. Ericksen said.

He pointed out that graduating he concluded.

Ann Arbor, Mich. (I.P.)—Auto-programmed instruction—will seniors in future years will how they as members of soci "Insofar as the student can ac- can adapt to the rapidly expa world as well as the social fairs of man.

"This means that college tea ing must go beyond the relati ly easy task of transmitting a choice between teaching or searching, but rather how to br thods of intellectual explorat and inquiry into the classroot

AMPUS urve

to answe of 30 ents livir ks from Dakot last year he studen drive to their ca (3) if t

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> 11 A. McDOW

AMERICA CI 12th Ave SUNDA 9:00 (Commun Albert E.

- Let L

(Call



CAMPUS CUTIE this week is Dorothy Heintz, a freshman in home economics from Chaseley. She currently reigns as State

Survey Shows Campus Lots Not Used By All Students

Where do off-campus students ark their cars? A survey attemptaken of 30 Fargo and Moorhead tudents living more than a few locks from school who attended orth Dakota State University oth last year and this fall.

The students were asked (1) if ney drive to school, (2) if they tark their cars in school parking ots, (3) if they drove to school and (4) if they parked heir cars in school lots last year. thirty, 17 drive cars to chool this year and 13 get here means. Ten of the 17 ark their cars on school ots and five do not. Last year 20 of the 30 drove and ten did not. 0 who drove, 17 parked parking lots and two did

Reasons mentioned for not drivng to school or driving but not n school lots were the ees and the poor condition of the t students who park on s use Minard and many are displeased with its



A.M. til Midnight McDOWELL'S BIG BOY c. South of K-mart

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Some expressed the desire to see the lots paved or blacktopped. ng to answer that question was Generally, students said they felt an addition to lot fees at this time would be ridiculous because the lots are not good enough to

warrant the expense.

Attention SENIOR & GRADUATE MEN Students—U.S. Citizens NEEDING NOMINAL FINANCIAL HELP TO COMPLETE THEIR EDUCATION THIS ACADEMIC YEAR - AND THEN COMMENCE WORK - COSIGNERS REQUIRED. SEND TRANSCRIPT AND FULL DETAILS OF YOUR PLANS AND REQUIREMENTS TO STEVENS BROS. FOUNDATION, INC. 610-612 ENDICOTT BLDG., ST. PAUL 1, MINN. A NON-PROFIT CORP.

UNDERGRADS, CLIP AND SAVE

legro Finds Problems In Fargo

"I went to 112 places in Fargo looking for a place to stay," said Dr. William H. Waddell, a Negro congress of Racial Equality, National Association for the Advancement of Colored People and vancement of Colored People and veterinarian who was transferred to Fargo by the U.S. Department of Agriculture.

Dr. Waddell and two Valley City State College students, Lester Galt and Dean Zimmermann, spoke Nov. 20 at a civil rights program sponsored by the Inter-Religious Council. Galt and Zimmermann took part in the Mississippi Freedom Movement this

Waddell explained that he would look in the newspaper for apartments for rent and be accepted as a renter over the phone. Then, when he went in person to look at the place, he would be told that the apartment had been rented.

"All these places appeared in the paper for one or two weeks after they were taken," said Wad-

Another reason given by the renter was: "I don't mind myself, but I don't know what the neighbors will think."

"We have segregation here," said Waddell. "Off-hand, no one person is responsible for it." He suggested that realtors, churchmen and the area's three universities should give better leadership in civil rights.

"In Fargo, 80% of your people can't believe this takes place," he added. MISSISSIPPI

"There was less violence in Mississippi during last summer than in any other three months in his-

tory," said Galt and Zimmermann. Negro violence is almost nil because, instead of fighting back physically, Negroes join the Freedom Movement.

The movements was organized by the Council of Federal Organizations containing groups such as

A large, well-coordinated orthey said.

Community centers were set up teach in the state.

There is an organized plan of ganization is needed because the suppression against Negro educaopposition in the state is so great, tion-no graduate of Mississippi Negro colleges is permitted to

REVISED

SCHEDULE FOR EXAMINATION WEEK
Fall Quarter, 1964

EXAMINATIONS IN ADVANCE OF THIS SCHEDULE ARE NOT
PERMITTED, EXCEPT IN 1 CREDIT HOUR COURSES
TIME FOR FINAL
EXAMINATION

TOWNG 3 HOUR SCHEDULE
PATTERNS.

1.20MW 1.30Th Sequence or deri-

Tuesday, Dec. 1	7:30- 9:30	9:30MW 1:30Th Seque	nce or der
			thereof
	10:00-12:00	1:30 T Th	"
	1:00- 3:00	3:30 M W, 11:30 F	"
	3:30- 5:30	9:30 T Th, 1:30 F	"
Wednesday, Dec. 2	2 7:30- 9:30	10:30 T Th, 2:30 F	"
	10:00-12:00	7:30 M W	"
	1:00- 3:00	10:30 M W, 2:30 Th	"
	3:30- 5:30	2:30 M W, 10:30 F	"
Thursday, Dec. 3	7:30- 9:30	11:30 M W, 3:30 Th	"
	10:00-12:00	2:30 T Th	"
	1:00- 3:00	8:30 T Th, 12:30 F	"
	3:30- 5:30	11:30 T Th, 3:30 F	"
Friday, Dec. 4	7:30- 9:30	12:30 T Th	"
	10:00-12:00	8:30 M W, 12:30 Th	"
	1:00- 3:00	12:30 M W, 8:30 F	"
	3:30- 5:30	7:30 T Th F	"
Saturday, Dec. 5	7:30- 9:30	1:30 M W, 9:30 F	**
	10:00-12:00	3:30 T Th	
WINTER QUART	ER REGISTRA	TION	

Students in attendance fall quarter must register during the pre-registration period Nov. 19-25. There will be a registration period on Dec. 4 from 1-3 p.m. at the Fieldhouse for new students and for returning students not in attendance fall quarter. Classes begin Dec. 7.



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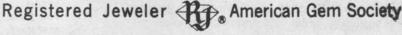
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Proposed Bison Statue Viewed As Item For A Should the Student Senate ap-| spent-why not spend it on a | by many of our students and those | neider, AS 2. "I think our can- can foresee many problems

prove the building of a "Bison swimming pool so the whole cam-Statue" as a symbol of the college and to enhance school spirit?

A random sample taken this week of students at large gave many varied opinions on the sub-

"Before another dime is spent on such a project—it should be brought before the student body for a vote to determine whether the majority is for or against it,"

pus will be able to utilize it and benefit from it. The buffalo will most greatly benefit the "painter pranksters." If some frat wants it-let them pay for it, remarked Trenbeath.

Dennis Haugen, AG 3, stated that the Vets club went on record Nov. 5 opposing the building of a Bison statue by over a 75% majority. The resolution was to keep the Bison off campus.

of our neighbor colleges especially those from that "other college" up north," said Bill Tapper, EA 3. This money could be better used for something of a more traditional value such as a "Campanile", according to Tapper.

Mary Ellen Watson, AS 3, stated that she thought that the statue would not lend that much to the campus or to school spirit and this money could be used for a more constructive project.

We should spend that money on something more constructive and not on something that can be so easily destroyed.'

The student body shouldn't build an item that would be a target for jokes on our university and the statue would be a prime subject for rival schools to use as ridicule material, according to Dennis Erickson, EA 1.

Norman Triebwasser, EA 2, com-Trenbeath continued, "If this amount of money is going to be would be deformed and mutilated ridiculous thing," said John Sch- would be a nice gesture but one

nected with sustaining such structure.

"Since we are an agricultu university," said Steve Ward, 6, "it seems only appropriate we scrap the buffalo and constr instead a monumental cow functional innards.

"The student could place ; bits in the cow's mouth, depr the right horn for white or left horn for chocolate and mence yanking the cunnin placed spigots to produce as mu sweat and "NRG" as he can in given time," said Ward.

"Competition between agric tural students would lead to great financial rewards that i short time, we could go in to build a bronze bull adjace

"Then maybe some dark nig the bronze bull and the electro cow might clash in a flurry sparks—thereby frightening versity of North Dakota stude into acute neuritis and at the sa time produce enough IBM cards run this campus for a hundr years. Ah, Progress!" said War

This is a student project each student is entitled to views-pro or con-and may tact his representative on the dent Senate or write a letter the editor.

Campus Notices

THE WEST BEND COMPANY sires part-time undergraduates sales work. Comprehensive trai program provided; must have a and must devote 10-20 hours per w (No investment required—supplies kit are provided.)

GAMMA DELTA

Every Sunday at 5 p.m. Gamma ta sponsors a cost supper and t at Immanuel Lutheran Church, Broadway.

YEARBOOK PROOFS

Any student who has not indicate his proof choice to Dan E. Olson she do so immediately. After tomorrow son will choose the proof which thinks will be best for the yearby



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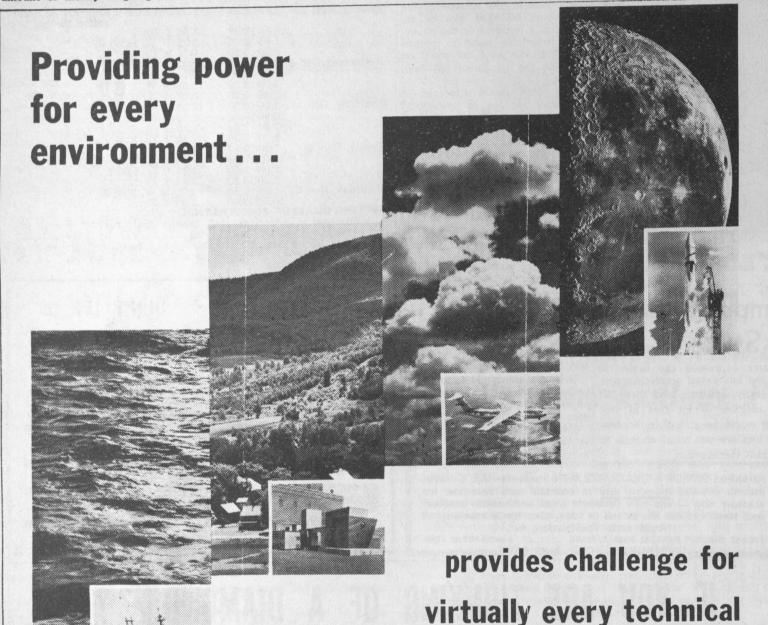
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ercollegiates Judging Contest Winners Announced

held on campus Sat., Nov. received 552 points out of

high overall individuals obert Knorr, AG 3, second; nutson, AG 4, third; with son, AG 2, and Dave Rinke, ying for fourth. Jules Van ke, AG 3, was high inditaking first in oral rea-

Dakota State University,

ms' current tour will take

"David Cooperfield,"

of Two Cities" and one Dickens Christmas stories,

ms has been active in the for more than 30 years.

monthly meeting of the Dakota State University

Democrats was held Nov.

he Memorial Union. The

Charles Fleming, AG 2,

t; William Guy, Jr., AS 1,

sident; Judy Moir, AS 2,

; and David Weinlaeder,

Scott, assistant dean of was introduced as the

ng announced the arrival ls printed with the in-

address of John F. Kenbe sold by the members.

isor to the club.

easurer.

dopted a constitution. rs elected for the coming

ocrats Elect

re Officers

evening, Nov. 24.

Dickens.

om

thers.

Johnson, AG 4, placed of livestock consisting of swine, tercollegiate livestock judging conerall individual in the Insheep and cattle. High individuals test was held in the fall. In the giate Livestock Judging in each division were: beef, Rod- past it has been held in the spring ger Johnson, first and Gary Knutson, second; swine, Robert Knorr, first, with Roger Halverson, AG 2, and Rodger Johnson tying for second; sheep, Palmer Holden, AG 4, first and Gary Knutson, second.

Contestants were mainly from Animal Science 319, junior livestock judging; and Animal Science group placings, with 407, senior livestock judging. The contest was open to anyone on campus wishing to enter.

ontestants judged 12 groups This is the first year that an in-

arles Dickens Portrayal

as Performed Yesterday

prior to selecting the senior judging team for the following year.

According to Coach Merle Light, associate professor of animal science, the contest will become an annual event. Light also stated that the purpose of the contest is to encourage competition and interest among the students in the area of livestock judging.

Winners in the divisions received trophies furnished by the Saddle and Sirlion Club.

A dairy judging team will represent North Dakota State Univer-

sity at the Intercollegiate International Dairy Cattle Judging Con-

test held in conjunction with the

International Livestock Exposition at Chicago, Ill. on Tuesday.

Members of the team are Jerry

Lynn, AG 3, Thomas Revier, AG

3, Allan Anderson, AG 2, Neil

Morkassel, AG 3. Coach of the

team is Charles G. M. Edgerly,

Dairy Team

assistant professor of dairy husbandry.

The group will leave Fargo Friday, making several stops in Wisconsin and Illinois at pre-selected farms to judge dairy cattle. They will arrive in Chicago Tuesday and appear in the judging contest Wednesday.

The team judged earlier this fall at the National Dairy Cattle Congress in Waterloo, Ia. Jerry Lynn said that "I hope we do better at the Chicago contest." Team members will return to campus



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Most recently Williams spent evening, Nov. 24.

as "one of the Englishplaying Sir Thomas More in "A world's most distin-actors," Williams ap-again on Broadway, he played again on Broadway, he played in a portrayal of novelist Pope Pius XII in the controversial play "The Deputy."

In presenting the portrayal of more than 80 U.S. and Dickens, Williams recreated the n cities. Included in his novelist's characters, costumed as appearance were selec- Dickens.



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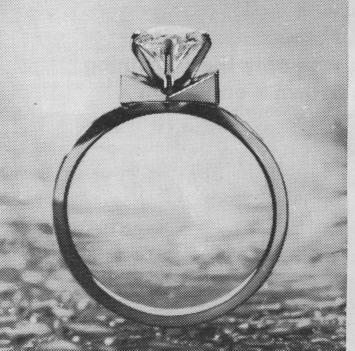
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Maughan Heads Varsity Wrestlers

Bucky Maughan, who was the second wrestler in history to win sound working knowledge of wrest- be able to finish with a breaktwo national intercollegiate wrest- ling. His championship attitude ling titles in one season, is North coupled with a desire to build a Dakota State University's varsity good program is what we need." wrestling coach this year.

Maughan won the two titles in 1963 while representing Moorhead State College. He took the National Collegiate Athletic Association 115-pound class at Kent, Ohio and the 123-pound championship in the National Association of Intercollegiate Athletics tourna-

Although the wrestlers had a 3-10 record last year, Darrell Mudra, athletic director, is hopeful that Maughan will be able to eliminate this weak area NDSU's athletic program.

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Mudra said that "Bucky has a

Speaking about the team's pros-



Maughn

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even season if the boys will really get in there and scrap."

"If the conference makes freshmen eligible for the varsity, our chances of having an equal wonlost record will even be better, for it will add depth and increase the competition in the team," continued Maughan.

Maughan said that the prestige the football team is adding to the University will enlarge chances of getting better wrestlers with more background to come to

"Also, allowing freshmen to compete with the varsity will help to recruit more prospective grab-blers," Maughan explained, "for many boys want to wrestle on the varsity as frosh.'

Besides coaching, Maughan is teaching the wrestling sequence course for the physical education major and is doing graduate work in counseling and guidance.

Maughan, who is a native of Canonsberg, Pa., got his B.A. degree in English from MSC last



LINING THE YARD STRIPES AT DACOTAH FIELD for the Concordia-Linfield contest is Bison footballer Ron Evenson. Evenson may have been more comfortable in his parka than the two football foes who battled it out in the 15degree weather. Concordia beat Linfield 28-6.

Mineral Bowl November 28 See You There!

NCC Adopts New Freshman Eligibility Rule

The North Central Ath Conference approved action urday to allow freshmen to pete on varsity teams in spring sports.

The sports are baseball, and field, tennis, and golf. How this action will North Dakota State Unive teams in these various sport unknown; however the ath department has expressed enthusiasm for the new progr

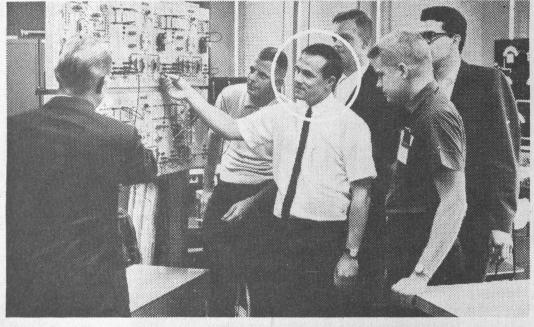
Erv Kaiser, golf and to coach, stated that it would NDSU field better teams. He the rule would also benefit other schools in the confer as well.

Darrell Mudra, athletic tor and head football coach. the action would help NDSU vide a better freshmen prog of athletics. He commented. were somewhat disappointed the action didn't include ling, but we have hopes that ilar action will be taken on w ling in the spring.'

Walt Weaver, varsity coach, didn't feel the new f men eligibility ruling would b fit NDSU track teams as much some of the other schools in conference. Weaver stated, "N doesn't recruit track stars lik other sports and the advantage having freshmen participate w be small except in the case of exceptional athlete."



Graduation was only the beginning of Jim Brown's education



Because he joined Western Electric

Jim Brown, Northwestern University, '62, came with Western Electric because he had heard about the Company's concern for the continued development of its engineers after college graduation.

Jim has his degree in industrial engineering and is continuing to learn and grow in professional stature through Western Electric's Graduate Engineering Training Program. The objectives and educational philosophy of this Program are in the best of academic traditions, designed for both experienced and new engineers.

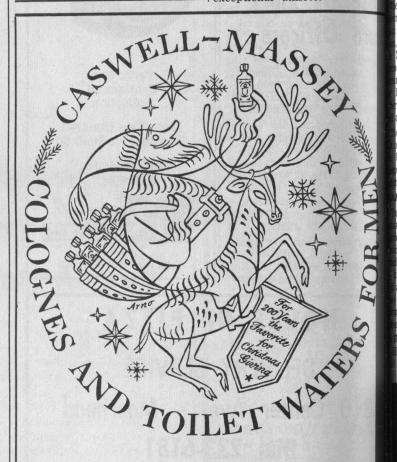
Like other Western Electric engineers, Jim started out in this Program with a six-week course to help in the transition from the classroom to industry. Since then, Jim Brown has continued to take courses that will help him keep up with the newest engineering techniques in communications.

This training, together with formal college engineering studies, has given Jim the ability to develop his talents to the fullest extent. His present responsibilities include the solution of engineering problems in the manufacture of moly-permalloy core rings, a component used to improve the quality of voice transmission.

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BISON FOOTBALLERS are practicing for the bowl game.

nior Footballers Prefer Coaching Careers

l campaign is due to the lay of the 11 seniors on uad. They played important n every phase of the game also demonstrated varying AIRHEART in other sports.

r ability extends into track one has smashed North Dastate University records in 0- and 440-yard dashes. Sevother seniors have pared in track and will in the

r basketball prowess is by the fact that one of was a regular on last year's another played two years in orth Dakota Athletic Conand still another was a in one of North Dakota's fingh school teams. Several have earned letters in based wrestling.

seniors on this year's team ly demonstrate athletic abilit also show scholastic acshments. Their ambitions size academic qualifications.

GREN Holmgren, 1964 tri-captain, a career in business. His l sauve has given him proal football possibilities offer him a chance to satisdesire to play more foot-

d give him exceptional busipportunities. He plans to te his collegiate athletic with track in the spring. RDEVANT

Sturdevant, 1964 tri-captain read-and-butter man of the



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rley's Religious Goods, Inc.

cond Ave. N. oss from the Public Library)

offensive backfield, plans to use sports public relations job is upsuccess of the Bison's 1964 his athletic ability with a physical permost in duCharme's mind. education major. His degree in T. STURDEVANT education coupled with his aththe qualifications for coaching.

ter the United States Army as a commissioned officer through the ROTC program. His civilian plans include coaching with his physical education degree.

HENTGES

back, plans to further his edu- degree give him the necessary cation by getting a master's degree in physical education. He believes this will qualify him for a collegiate coaching job that will satisfy his personal ambitions. NEIS

Harold Neis, one of NDSU's biggest linemen, will complete his education at NDSU where he will receive a degree in mathematics and physical education. The double major offers him both the teaching and coaching opportunities that Neis desires.

DUCHARME

er and quarterback, will graduate with a degree in English. His com- THESING bined education in English, speech and physical education offers him business opportunities second lieutenant. His civilian

Terry Sturdevant, the other half letic accomplishments give him of the brothers combination, plans on a career in coaching. He believes that high school or colleg-Halfback Bruce Airheart will en- iate coaching would fulfill his de-

SCHLICHT

Jerry Schlicht, an anchor lineman, plans to continue his education with a future in coaching. He believes his interest in football Frank Hentges, starting quarter- and wrestling coupled with his qualities for coaching either on the high school or collegiate level. FREEMAN

> Hal Freeman plans to enter Officers' Candidate School in either the Marines or Navy. His civilian plans revolve around a degree in composite sciences and biological science.

PFLIPSEN

Ed Pflipsen, a hard-driving halfback, looks forward to a future in education. With a physical education degree he believes he could satisfy his personal ambitions by Pierre duCharme, a place kick- becoming a coach, either on the high school or college level.

Dan Thesing will enter the United States Marine Corps as a that would satisfy his ambitions. A plans hinge on his service career.

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SU Students Needed In Mo.



eral Bowl.

Although some people will be affected by spending \$21 for the fare more than others will, I am sure enough people in this school can afford the time and money to occupy the provided transporta-

Agreed—this game comes at an tests; however, I don't believe this is the determining factor. Our school has little tradition.

Students at other universities. where tradition and school spirit lives, would not have to be coaxed and coddled to follow their

practical, North Dakota State to return to Fargo Thursday. University students will have an enjoyable week end in Missouri.

Anyone who desires to make arrangements for the trip after today must make them through Grim, guards. the business office.

SCI FULLBACK OUT-GAINS **OPPONENTS**

State College of Iowa's 200- CLOSING NOTES pound fullback outrushed the ten 184 yards.

Four times Shultz gained more University of South Dakota.

It will be disappointing if stu- than 100 yards in a game finishdents do not fill the trains and ing the season with a total of buses making the trip to the Min- 1,072 yards. NDSU, who beat SCI, held the junior fullback to 71 yards in 25 carries.

BASKETBALL TEAM OPENS AGAINST ST. LOUIS

Bison Head Coach Chuck Bentson has named an 11-man traveling squad that will fly to St. Louis Tuesday to open the '64-'65 basketball season. The Billikens have long been noted as a basinopportune time regarding final ketball power and should provide stiff opposition for the Bison's opener.

Last year the Bills finished with a 13-12 record but registered wins over such powers as Kenplay a major role in their college tucky, Bradley, Ohio State, Cincinnati and Illinois.

From St. Louis the Bison will team to a post-season bowl game. fly to Carbondale, Ill. to help No time this year will be bet- Salukis of Southern Illinois Uniter for students to demonstrate versity dedicate their new \$4 miltheir school spirit. Also, being lion arena. The Herd is expected

Probable starters for the Bison will be Verlin Anderson, center; Lowell Cook and Jerry Suman, forwards; and Dave Lee and Lee

Other squad members making the trip include Joe Schaefer, Bob Tuchscherer, Al Breuer, Bob Maier, Jerry Olson and Tom Noyes.

Guard Gary Benson was the Panther opponents this season by only Bison to appear in the allopponents team chosen by the

With Christmas Coming, Stop In And See Us For All Your Gift Needs.



Your Campus Representatives - Bob Thorson -(Cowboy) Bob Jensen – Kendell Scott – will be glad to help you with your selections.



"for the Young Man on the GO"!

Billiards Offered For First Time This Winter

North Dakota State University Intramural program for the first time during the winter quarter. At its regular meeting Monday the Intramural Board decided that one billiard league would begin next quarter.

The league will be run similarly to ping pong, with one doubles match and two singles.

Erv Kaiser, Intramural director, asked for rosters and fees to be turned in at the Dec. 7 meet-

The Intramural Board received a recommendation from the Board son will be completed Dec. 8-11.

WEDNESDAY, NOV. 25, 1964

THANKSGIVING DAY

THURSDAY, NOV. 26, 1964

SATURDAY, NOV. 29, 1964 Mineral Bowl Game

FRIDAY, NOV. 27, 1964

TUESDAY, DEC. 1, 1964

FINALS BEGIN Basketball at St. Louis University

WEDNESDAY, DEC. 2, 1964
Basketball at Southern Illinois University

advising the IM Board to revise its constitution to accommodate present-day problems in Intramural activities.

Kaiser explained that the NDSU athletic staff would review existing laws during winter quarter and then make a proposal to the IM Board.

Winter quarter Intramural activities will start the first week of the quarter with basketball as the main attraction. Ping Pong, bowling and billiards round out the program.

Play offs for the volleyball sea-

WEEKLY CALENDAR OF EVENTS

5:00 p.m. - Thanksgiving Recess Begins

Bus and Train leave for Excelsior Springs, Mo.

SUNDAY, NOV. 29, 1964 6:00 p.m. - U.C.C.F. Open House - Informal Meeting U.C.C.F. Center

MONDAY, NOV. 30, 1964 4:15 p.m. - Intramural Board Meeting - Field House 204

1:30 p.m. - U.C.C.F. Scholars Hour - Room 101, Memorial Union

3:30 p.m. - Discussion Hour - Crest Hall, Memorial Union



SMILING JO CAROL BRANDT, HE 2, is braving the late November cold on her way to Burgum Hall.

Rawlings & MacGregor

EMERY JOHNSON

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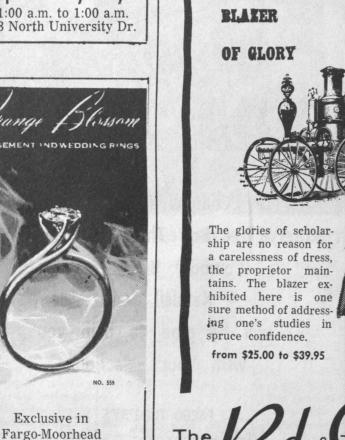
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WOODS CAFE

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University Lutheran Student Center 1201 13th Ave. No. Sunday Worship - 10:45 A Coffee Hour - 10:15 A.M Stanley M. Kvinge Campus Pastor

Richard L. Elliott

Assoc. Campus Pastor

Congratulations to all the football players and the coaching staff on a very successful season. Lets all spend Thanksgiving supporting the Bison at the Mineral Bowl.

Take plenty of reading along for the trip to the Mineral Bowl.

We still have a fine selection of paper backs on sale for 1/2 price.



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Use Spectrum Classified Ads

Winter 1964-5 Schedule of Classes

Department & Subject P	rerequisite	Cr.	Hour & Days	Instructor	Room
	COLLEGE	OF AGRI			
GENERAL AGRICULTURE 303(Agric. Comm.) -Sec A	Eng.103	3	11:30MW 2:30-5:20M	Nies	Min401 Min403
-Sec B 304(Agric. Comm.)	Gen.Ag.303	3	2:30-5:20W 10:30TTh 2:30-5:20T	Logan	Min403 Min403 Min403
AGRICULTURAL ECONOMICS 103 (Prin.Agric.Econ.) 203 (Prin.Agric.Econ.)	Ag.Ec.103	3 5	11:30TTh,3:30F 8:15-9:20MTWTh		Mor308
320(Farm Mgmt. Prin.) -Sec 1 -Sec 2	Ag.Ec.203	3	9:30TTh,1:30F 10:30TTh,2:30F	Loftsgard	Mor308 Mor210 Mor210
326 (Prin.Mkt.Farm Prod.) -Sec 1 -Sec 2	Ag.Ec.203	3	1:30MW,9:30F 3:30MW,11:30F	Hemphill	Mor308
327 (World Agric.) 411 (Marketing-Crops) 414 (Adv. Marketing)	Ag.Ec.203 Ag.Ec.326 Ag.Ec.326	3 3 3	2:30MW,10:30F 10:30MW,2:30Th		Mor308 Mor212 Mor212
416 (Land Ownership&Tenancy 418 (Agr. Credit Inst.)		3	9:30TTh,1:30F 11:30MW,3:30Th 1:30MW,9:30F	Nelson Johnson Taylor	Mor212 Mor212 Mor210
424 (Agric. Adjustments) 432 (Commodity Prices)	AgEc. 320 Ag.Ec.332	3	9:30MW,1:30Th 10:30TTh,2:30F	Loftsgard	Mor210 Mor308
496 (Intr. Res.Methodology 498 (Seminar)		3	3:30MW,11:30F 4:30Th	Taylor Hemphill	Mor212 Mor308
499 (Special Problems) 501 (Res. Methodology) 580 (Adv. Prod. Econ.)	Math431 Ag.Ec.480	1-3 3 3	By arrgt. By arrgt. By arrgt.	Staff Krenz Anderson	Mor208 Mor208 Mor208
AGRICULTURAL EDUCATION 321 (Meth. in Voc'l.Agric.)	Grad.Stg.	3-9	By arrgt.	Staff	Mor208
375 (Extension Education) 402 (Meth. in Farm Mech.) A		3 2	8:30-10:20MTW, See Home Econor 8:30-10:20ThF	mics Educ.	Mor103 Mor210 Mor103
403(Directed Teaching) AGRICULTURAL ENGINEERING	Dept.appr.	9	By arrgt.	Owen	Mor103
310(Farm Struct.&Util.)	Math122	5	9:30TTh,1:30F 2:30-5:20TTh	Butchbaker	AgE201 AgE127,208
312 (Adv. Farm Mech.) Ag 320 (Farm Elect.) 334 (Irrigation Meth.) Soils 498 (Seminar)	Math122 S201orappr. Sr.Stg.	3 3 3	2:30F,10:30-12 8:30TTh,2:30-5 1:30MW,9:30F 1:30T		AgE215,210 AgE205
AGRONOMY 103(Introduction)		3	9:30TTh	Fabricius	AgE201 AgE223
-Sec A -Sec B -Sec C			2:30-4:20M 12:30-2:20T 12:30-2:20F		Wa1247 Wa1247 Wa1247
202(Grain Crops) -Sec A -Sec B	Bot.111	3	0 00	erson,Foster	Wa1247 Wa1247 Wa1247
306 (Genetics) Bot.11: -Sec A -Sec B	lorZool.111	3	9:30TTh 2:30-4:20W 12:30-2:20Th	Sanda1	Mor308 Wal247 Wal247
-Sec C 307(Genetics Lab)	Agron.306	1	9:30-11:20F By arrgt.	Sanda1	Wal247 Wal237
490(Rpts. in Crop Prod.) 498(Seminar) 499(Special Problems)	Dept.appr. Dept.appr. Dept.appr.	2-5 1 1-3	By arrgt. 1:30M	Staff Carter	Wa1202 Wa1217
531 (Adv.Breed.Small Grns.) 540 (Statistical Genetics)	Agron.407	3	By arrgt. 10:30TTh,2:30F 11:30MW,3:30Th		Wa1202 Wa1221 Wa1217
598 (Grad. Seminar) 599 (Thesis & Research) ANIMAL SCIENCE	Dept.appr. Dept.appr.	1 1-5	3:30F By arrgt.	Carter Staff	Wa1217 Wa1217 Wa1202
103(Introd. Dairy Husb.) 105(Introd. An. Husb.)		3	8:30TTh,12:30F 8:30MW	Edgerly J.Johnson	Da27 Shep9
-Sec 1 -Sec 2 -Sec 3			1:30-4:20M 1:30-4:20T 8:30-11:20F		Shep32 Shep32
202(Breeds of Livestock) -Sec 1	An.Sci.105	3	11:30TTh 1:30-4:20W	Light	Shep32 Shep32
-Sec 2 -Sec 3 214(Farm Meats)	An.Sci.105	3	1:30-4:20Th 1:30-4:20F 9:30MW	V.Johnson	Shep32 Shep32 Shep9
-Sec 1 -Sec 2 -Sec 3			12:30-5:20M 12:30-5:20W 12:30-5:20F		Shep26 Shep26 Shep26
230 (Feeds & Feeding) 309 (Poultry Breeding) Ansc.	i201,Agr306	3	11:30MW,3:30Th 2:30-4:20T 9:30TTh,1:30F	Haugse	Mor309 Mor215 VanEs301
315(Sheep Prod.) An.: -Sec 1 -Sec 2		3	8:30TTh 1:30-4:20T 1:30-4:20W	Light	Shep9 SheepBarn SheepBarn
317(Hog Production) An.: -Sec 1 -Sec 2	Sci.230&330	3	10:30MW 1:30-4:20W 1:30-4:20Th	J.Johnson	Shep9 HogBarn HogBarn
330(Prin.An.Nutrition) -Sec 1 -Sec 2	Chem. 241	5	8:30MTWTh 1:30-3:20W 1:30-3:20Th	Erickson	Mor210 Mor215 Mor215
334 (Nutr. of Ruminants) 404 (Dairy Herd Mgmt.) 427 (Animal Breeding)	An.Sci.330 Agron.306	3 3 3	10:30TTh,2:30F 8:30MW,2:30-5:3 9:30TTh,1:30F	20M Edgerly Buchanan	Shep9 Da27 Shep9
436 (Mod.Concepts of Nutr.) 498 (Seminar)		1	8:30MW,12:30Th 1:30-4:20Th 1:30W	Dinusson	Mor212 Shep9 Shep9
499(Special Problems) 598(Grad. Seminar) 599(Thesis & Research)	Dept.appr. Dept.appr. Dept.appr.	1-3 1 1-5	By arrgt. By arrgt. By arrgt.	Staff Staff Staff	Wa1306 Wa1306 Wa1306
BACTERIOLOGY 202(Bact. for Nurses) -Sec A		4	2:30MW,10:30F 1:30-3:20TTh	Fulghum	Mor308 Mor323
-Sec B 270(General Bact.) -Sec A	Chem. 241	4	3:30-5:20TTh 8:30MW,12:30Th 3:30-5:20MW	Parsons	Mor323 AgE223 Mor323
-Sec B -Sec C 302(General Bact.)	Bact.270	2-4	10:30-12:20TTh 10:30-12:20MW 10:30MW,2:30-5	Funke Funke :20MW Doubly	Mor323 Mor323
320(Public Health) 407(Food Microbiology)Ch24	Bact.270 2,Bact.270	2 4	10:30TTh 1:30MW,9:30-12	Doubly: 20TTh Holm	Mor309 Mor212,322
418(Phys. of Bact.) 498(Seminar) 599(Thesis & Research)	Dept.appr. Dept.appr. Dept.appr.	4 1 1-5	By arrgt. By arrgt. By arrgt.	Sleeper Fulghum Staff	Mor314,322 Mor320 Mor319
CEREAL TECHNOLOGY 441 (Cereal Chemistry) CT44		3	10:30MW,2:30Th		Harris203
499(Special Problems) 598(Grad. Seminar) 599(Thesis & Research)	CT440 CT440 Dept.appr.	1-3 1 1-9	By arrgt. By arrgt. By arrgt.	Staff Medcalf Staff	Harris204 Harris203 Harris210
ENTOMOLOGY 305 (Insects Aff. Crops) 312 (Systematic Ent.)	Ent.201 Ent.201	3 4	10:30TTh,2:30F 9:30TTh,8:30-1		Mor212 Mor223
314 (Insects Aff. Animals)	Ent.201	3	+3hrs. arrgt. 12:30MW,8:30-1	1:20F Noetze	Mor223 1 Mor107
	241,Ent.412	3 5	1:30MW,+Lab ar: 8:30TTh,12:30F 12:30-3:20Th,1	Mulkern: 30-4:20F	Mor107,103 Mor107 Mor10
416 (Adv.Immature Ins.)Ent 498 (Seminar) 499 (Special Problems)	.415orSyst. Dept.appr.	2 1 1-3	12:30T,1:30-4: 4:30T By arret.	20T Dogger Post Staff	Mor107 Mor212 Mor219
598 (Grad. Seminar) 599 (Thesis & Research)	Dept.appr. Dept.appr.	1 3-9	By arrgt. 4:30T By arrgt.	Post Staff	Mor219 Mor219
HORTICULTURE 206 (General) -Sec A	Bot.111	4	11:30MW,3:30Th 1:30-3:20M	Scholz	Mor210 Grn.Hse.
	.206orAppr.	3	3:30-5:20M 9:30TTh,1:30F 9:30MW+1ab arr		Grn.Hse. Wal315
309(Prin.of Landscaping) 320(Hort. Tech.) 426(Plant Propagation)	Dept.appr. Hort.206 Hort.206	3 4	9:30MW+1ab arr; 8:30TTh,1:30-3 11:30MW,1:30-3	:20T Holland	
450(Breed. Hort.Crops)	Agron.306	3	By arrgt.	Lana	Wa1320
498 (Seminar) 499 (Special Problems)	Dept.appr. Dept.appr.	1 1-3	By arrgt. By arrgt.	Staff Staff	Wa1320 Wa1320

Parantonat & Cubinat Parantolita	C=	Hour & Days	Tastrustor	Room
Department & Subject Prerequisite PLANT PATHOLOGY	Cr.		Instructor	
449 (Gen.Asp.Host.Par.Rel.)Dept.appr. 498 (Seminar) Dept.appr.	1	By arrgt. 3:30Th	Flor Staff Staff	Wal315 Wal315 Wal315
499(Special Problems) Dept.appr. 599(Thesis & Research) Dept.appr.	1-3	By arrgt. By arrgt.	Staff	Wa1315
SOILS 201 (Introduction) Chem. 107	5	9:30MW,1:30TTh	Zubriski	Mor308
-Sec 1 -Sec 2		8:30-11:20Th 8:30-11:20F		Wal.111 Wal.111 Wal.111
-Sec 3 330(Soil Water Mgmt.) Soils201	4	1:30-4:20F 3:30MW,11:30F 1:30-3:20T	Bauer	Mor309 Wal.111
370(Ag.Microclimatology)Phys201,appr 461(Soil Chemistry)Chem.205,Soils201	3 4	3:30-4:45F,10:3		
497 (Lit.Survey in Soils) Dept.appr. 498 (Seminar) Dept.appr.	3	By arrgt. By arrgt.	Staff Staff	Wal.104 Wal.104
499(Special Problems) Dept.appr. 599(Thesis & Research) Dept.appr.	1-3 1-5	By arrgt. By arrgt.	Staff Staff	Wal.104 Wal.104
VETERINARY SCIENCE 339 (Prevent. Vet. Med.) Bact 270, Zoo. 111	4	11:30MTWTh	Schipper	VanEs301
430 (Parasites of Dom.An.) Zoo.111	4	1:30MW,9:30F 1:30-4:20F	Andrews	VanEs301 VanEs212
499(Special Problems) Dept.appr.	1-3	By arrgt.	Staff	VanEs212
COLLEGE OF A	RTS AN	D SCIENCES		
BOTANY 111(General) -Sec A	4	9:30MW,1:30Th	Moir	Min319
- Sec B - Sec 1			Moir Staff	Min319 Min102
-Sec 2 -Sec 3		12:30-2:20MW 2:30-4:20MW	Staff Staff	Min102 Min102
-Sec 4 -Sec 5		9:30-11:20TTh 12:30-2:20TTh	Staff	Min102 Min102
-Sec 6 310(Anatomy of Seed Plts.)Dept.appr. 402(Exp. Ecology) Bot.304 or appr.	3 4	2:30-4:20TTh 12:30MW,8:30-11 10:30MW,12:30-4		
405 (Range Plants)Bot.111,214or appr. 498 (Seminar-Arct&Alp.Veg.)8crs.inBot	4	By arrgt. By arrgt.	Whitman Burgess	MinAnn4 Min101
499(Special Problems) Dept.appr. 538(Nitr.Metab.ofGrn.Plts)Dept.appr.	1-3	By arrgt. By arrgt.	Staff Devlin	Min101
599(Thesis & Research) Grad.Stg. 8 EDUCATION	8-15	By arrgt.	Staff	
215 (Educ.Psychology)SSt.,Psy2110r201 303 (Hum.Growth&Dev:Adoles.) Jr.Stg.,	3	8:05-9:20MW 11:30T	Mease Flynn	Min219 Min319
-Sec A Ed.215		3:30T+1hr.arrgt		Min322 Min322
-Sec C -Sec D		4:30W+1hr.arrgt	rgt.	Min322 Min322
-Sec E 318(Sec.Sch.Meth.)Appr,taken with450 -Sec 1 (1st&last week of quarter)	3	3:30F+1hr.arrg	Aarnes	Min322 Min331
-Sec 2 (Jr. in Ag. or HEc.)		1:30-4MTWThF 5-7:20(p.m.)W		Min331 Min314
325 (Meth. of Instr. Music) Mus.110 370 (Spec.Meth.Tchg.English)	3	9:30MW,1:30Th By arrgt.	Euren Webster	Putn21 Min
371(Spec.Meth.Tchg.H.S.Math.)Jr.Stg. 375(Spec.Meth.Vocal Music)	3 2	9:30F+2hrs.arr	nVlissingen	Min208 Putn20
377 (Spec.Meth.Tchg.Soc.Std.) Jr.Stg. 378 (Spec.Meth.Tchg.Spch.) Educ.318	3	5:00(p.m.)M+ar		Min322 Adm207
-Sec 1 -Sec 2 440(Introd.Counseling) Sr.Stg.	3	1:30MW,9:30F 1:30MW,9:30F 5-7:20(p.m.)W	West Wakstein Mease	Clinic Min331
443 (Occ.Info.inGuid.Prog.) Sr.Stg.	3 9-12	5-7:20(p.m.)M	Mease	Min331
-Sec 1 -Sec 2		By arrgt. By arrgt.	Eland Kaiser	Min327 PEd
-Sec 3 460(Curriculum Bldg.) 15crs.in Ed.	3	By arrgt. 5-7:20(p.m.)Th		PEd Min331
472 (School Finance) 24crs.in Ed. 475 (High Sch.Org.&Admin.)12cr.in Ed.	3	5-7:20(p.m.)T 7:30-9:50(p.m.)		Min331 Min331
499(Special Problems) Dept.appr. 499(Sp.Prob:Stud.Pers.Work)Deptappr. 515(Superv.of Instr.) Grad.Stg.	1-3 3 3	By arrgt. 7:30-9:50(p.m.)		Min327 Min314
515 (Superv.of Instr.) Grad.Stg. 517 (Prin.of Educ.Methods) Grad.Stg. 540 (Counseling Tech.) Dept.appr.	3	7:30-9:50(p.m.) 7:30-9:50(p.m.) 7:30-9:50(p.m.)	T Aarnes	Min331 Min314 Min331
545 (Counseling Pract.) Dept.appr. 598 (Seminar) Dept.appr.	1-5	By arrgt.	Mease Staff	Min329 Min327
	8-15	By arrgt.	Staff	Min327
ENGLISH 101(Freshman English)	3		Staff	
-Sec 1 -Sec 2		9:30TTh,1:30F 10:30TTh,2:30F		Min303 Min215
-Sec 3 -Sec 4 102(Freshman English) Eng.101	3	10:30MW,2:30Th 2:30MW,10:30F	Ch-EE	Min215 Min303
-Sec 1 Group I,II -Sec 2 Group II		8:30TTh,12:30F 8:30TTh,12:30F	Staff	Min310 Min322
-Sec 3 Group II, III -Sec 4 Group I		8:30TTh,12:30F 9:30TTh,1:30F		Min215 AgE222
-Sec 5 Group II -Sec 6 Group II,III		9:30TTh,1:30F 9:30TTh,1:30F		Min322 Lib236
-Sec 7 Group III -Sec 8 Group I -Sec 9 Group II		9:30TTh,1:30F 10:30TTh,2:30F		Min310 Mor215
-Sec 9 Group II -Sec 10 Group II -Sec 11 Group III		10:30TTh,2:30F 10:30TTh,2:30F 10:30TTh,		Min402 Lib236 AgE215
-Sec 12 Group I,II,III		2:30F 11:30TTh,3:30F		AgE205 Min402
-Sec 13 Group I,II -Sec 14 Group II		8:30MW,12:30Th 8:30MW,12:30Th		AgE215 Min402
-Sec 15 Group II,III -Sec 16 Group I		8:30MW,12:30Th 9:30MW,1:30Th		Min322 Min310
-Sec 17 Group II -Sec 18 Group II -Sec 19 Group III		9:30MW,1:30Th 9:30MW,1:30Th 9:30MW,1:30Th		Lib101 AgE222
-Sec 20 Group I -Sec 21 Group I,II		10:30MW,2:30Th 10:30MW,2:30Th		Min303 Da27 SE205
-Sec 22 Group II -Sec 23 Group II		10:30MW,2:30Th 10:30MW,2:30Th		Lib101 Min402
-Sec 24 Group III -Sec 25 Group III		10:30MW,2:30Th 10:30MW,2:30Th		Lib236 Mor210
-Sec 26 Group I,II -Sec 27 Group I,II		11:30MW,3:30Th 11:30MW,3:30Th		Sud37 AgE222
-Sec 28 Group II,III -Sec 29 Group I,II -Sec 30 Group II,III		11:30MW, 3:30Th 12:30MW, 8:30F		Min215 Min215
-Sec 30 Group II,III -Sec 31 Group I -Sec 32 Group II		12:30MW,8:30F 1:30MW,9:30F 1:30MW,9:30F		Sud37 Min310 AgE222
-Sec 33 Group II,III -Sec 34 Group III		1:30MW,9:30F 1:30MW,9:30F		Min215 Lib101
-Sec 35 Group I -Sec 36 Group II		2:30MW,10:30F 2:30MW,10:30F		Min402 SE202
-Sec 37 Group II,III -Sec 38 Group III -Sec 39 Group I,II		2:30MW, 10:30F 2:30MW, 10:30F 3:30MW 11:30F		Min401 Min215
-Sec 40 Group II,III 210(Survey of Eng.Lit.)	3	3:30MW,11:30F 3:30MW,11:30F 10:30MW,2:30Th	Sackett	Min303 Lib101 Min314
227 (Survey of Amer. Lit.) 256 (Survey of World Lit.)	3	2:30MW,10:30F 9:30TTh,1:30F	Hove McGrath	Min219 AgE205
260(Intro. to Study of Lit.) 313(Poetry of Romantic Period)	3	3:30MW,11:30F 7:30-9:50(p.m.)		AgE223 Min401
320(19th Cent. Amer. Novel) 324(Mod. Des. Grammar) 332(Mod. Brit. & Trich. Drame)	3	7:30-9:50(p.m.) 5-7:20(p.m.)T	Hove	Min219 Min309
332 (Mod.Brit.&Irish Drama) 338 (Shakespeare 1600-1616) 351 (Adv. English Composition)	3 3 3	3:30-4:45MW 1:30MW,9:30F	Phillips Schoff Phillips	Min215 Min322
-Sec 1 -Sec 2		9:30MW,1:30Th 9:30TTh,1:30F	Phillips	Min215 Min215
370(Spec.Meth.Tchg.English) 400(Mod. British Poetry)	3 3	By arrgt. 8:30TTh,12:30F	Webster Sackett	Min Min Min300
408 (Milton) 438 (18th Cent.Eng.Lit.)	3	9:30MW,1:30Th 10:30TTh,2:30F	Cater	Min300 Min303
499 (Spec.ProbPersp.Nat.ofMan) PHILOSOPHY	3	7:30-9:50(p.m.		Min215
302(Introd.to Phil.Prob.) -Sec 1	3	10:30MW,2:30Th		Min401
-Sec 2 311(Hist.ofMed.&Ren.Phil.)	3	2:30MW,10:30F 10:30MW,2:30Th	Hertel Roach Ro	Min322 el.Ed.Aud.

Courses Listed By College

Department & Subject GEOGRAPHY	Prerequisite	Cr.	Hour & Days	Instructor	Room
101(Introductory) 252(Economic Geog.) 310(Geog. of North Amer	.) Dept.appr.	3 3 3	12:30MW,8:30F 10:30MW,2:30Th 7-9:30(p.m.)T	Kress Kress	Min319 Min219 Min219
99(Special Problems) GEOLOGY	Dept.appr.	2-3	By arrgt. 1:30MTW,9:30F	Kress	Min103
-Sec A -Sec B	Phys.Geol.		2:30-5:20T 1:30-4:20F	БГОРИЈ	Min101 Min101 Min102
-Sec C 112 (Geomorphology)	Phys.Geol.	3	1:30-4:20F 10:30MW,2:30-4	20Th Brophy	Min101
IBRARY SCIENCE 21(Library Usage) -Sec 1		1	8:30T	Staff	Lib101
-Sec 2 -Sec 3			9:30T 10:30T 11:30T		
-Sec 4 -Sec 5 -Sec 6			12:30T 8:30Th		
-Sec 7 -Sec 8			9:30Th 10:30Th		
-Sec 9 -Sec 10 -Sec 11			11:30Th 3:30Th 10:30F		
306 (Book Selection) 307 (Reference)	Sad 2050×206	3 3 3	By arrgt. By arrgt. By arrgt.	Sullivan Sullivan Sullivan	Lib234 Lib234 Lib234
10(Practice Work) Lib. (ATHEMATICS 9(Solid Geometry)	Plane Geom.	0	7:30MW	Staff	Min205
O(Refresher Math.) O9(College Algebra)	H.S.Algebra H.S.Algebra	0 5	7:30MTWThF	Staff Staff	Min303
-Sec 1 -Sec 2 -Sec 3			7:30MTWThF 8:30MWF,12:30TT 9:30TTh,1:30MWF		MinAnn2 MinAnn2
-Sec 4 11(Plane Trig.)	H.S.Algebra	4	11:30MWF,3:30TT		Min305
-Sec 1 -Sec 2 -Sec 3			7:30MTWTh 7:30MTWTh 7:30MTWTh		MinAnn2 AgE201 Da27
-Sec 4 -Sec 5			8:30MW,12:30TTh 8:30TTh,12:30MW		Min303 Min304
-Sec 6 -Sec 7 -Sec 8			9:30TTh,1:30MW 9:30TTh,1:30MW 10:30TTh,2:30MW		Min401 Min205 AgE205
-Sec 9 16(Slide Rule)	Logarithms	1	11:30MW,3:30TTh		Min202
-Sec 1 -Sec 2 -Sec 3			7:30M 8:30M 10:30Th		Min305 Min202 Min305
-Sec 4 8(Plane Trig.) (Chem.)	Math.117	3	11:30F 8:30TTh,12:30F		Min202 Min303
20A(College Algebra) 20(College Algebra) -Sec 1	H.S.Algebra H.S.Algebra	3		Staff Staff	Min302 Min202
-Sec 2 -Sec 3	Math.120	3	7:30TThF 10:30F,2:30MW	Staff	AgE205 Min305
-Sec 1 (Pharm.) -Sec 2 (Pharm.)	Mach.120		10:30TTh,2:30F 10:30F,2:30MW	SCAIL	Sud224 Sud37
-Sec 3 -Sec 4			10:30F,2:30MW 10:30TTh,2:30F		MinAnn2 MinAnn2
-Sec 5 (Pharm.) -Sec 6 -Sec 7			7:30TThF 7:30TThF 7:30TThF		Sud224 Min205 Min301
-Sec 8 -Sec 9			7:30TThF 9:30MW,1:30Th		Min309 Min302
-Sec 10 -Sec 11 -Sec 12			9:30MW,1:30Th 11:30MW,3:30Th 7:30-10:00(p.m.)T	Min205 Min205 Min208
2(Plane Trig.) 5(Coll.Alg.&Pl.Trig.)	Math.121 H.S.Algebra	3 5	7:30TThF	Staff Staff	Min310 SE205
-Sec 1 -Sec 2 6(Analytic Geometry)Col	lAlg.&Trig.	4	8:30MWF,12:30TT 9:30TThF,1:30MW	Staff	Min402
-Sec 1 -Sec 2 (Arch., etc.)			8:30MW,12:30TTh 9:30MW,1:30TTh		AgE201 MinAnn2
-Sec 3 (Arch.,etc.) -Sec 4 (Chem.,etc.) 1(Math Analysis) Ma	th.130or150	4	9:30TTh,1:30MW 10:30TTh,2:30MW	Staff	Min305 Min310
-Sec 1 -Sec 2		5	10:30TTh,2:30MW 10:30TTh,2:30MW	Staff	Min309 AgE222
O(Intr.Anal.Geom.&Calc. -Sec 1 (ME) -Sec 2 (CE,AgE.)(IE))MI25, equiv		8:30MWF,12:30TT 8:30TThF,12:30M	1	Min208 Min402
-Sec 3 (CE,AgE.,IE) -Sec 4 (ME,EE) -Sec 5 (EE)			9:30TThF,1:30MW 10:30MW,2:30TTh 8:30TThF,12:30MM	7	SE205 AgE222 AgE222
1 (Diff.&Int.Calculus)An -Sec 1	alyticGeom.	5	8:30MWF,12:30TT	Staff	Min302
-Sec 2 -Sec 3 2(Diff.&Int.Calculus)	Math.201	5	9:30MWF,1:30TTh 10:30MWF,2:30TT	h Staff	Min309 Min302
-Sec 1 -Sec 2			8:30MWF,12:30TT 9:30MWF,1:30TTh	h	Min309 Min305
-Sec 3 (ME.,etc.) -Sec 4 0(Calc.&Anal.Geom.)Math	150orEquiv.	5	10:30TTh,2:30MW 11:30MWF,3:30TT		Min302 Min309
-Sec 1 (ME) -Sec 2 (CE,AgE.,IE)			8:30MWF,12:30TT 8:30TThF,12:30M	h W	SE16 AgE201
-Sec 3 (ME) -Sec 4 (EE) -Sec 5 (EE)			9:30TThF,1:30MW 9:30TThF,1:30MW 10:30MW,2:30TTh		Min302 Min304 Min309
2(Intermed.Calculus) 3(Diff. Equations)	Math.202 Math.202	3 5	10:30MW,2:30Th	Shermoen	MinAnn2
-Sec 1 -Sec 2 -Sec 3 (EE)			8:30MWF,12:30MW 8:30TTh,12:30MW 8:30TTh,12:30MW	F Olson	Min304 Min309 Min305
-Sec 4 -Sec 5 (EE)			8:30MWF,12:30TT 10:30MWF,2:30TT	h Shermoen h Schilling	Min310 Min304
-Sec 6 (Chem.,etc.) 2(Theory of Equations) 9(Introd.Statistics)	Math.201 coll.Algebra	3	11:30MWF,3:30TT 8:30MW,12:30Th		Min302 AgE222
-Sec 1 -Sec A -Sec B			8:30TTh 11:30-1:20M 2:30-4:20W	Kuang	Min202 Min201 Min201
-Sec 2 -Sec 3			1:30MW 10:30TTh	Eustice Eustice	Min202 Min202
*Lab Sections C,D,E,F -Sec C -Sec D	may be used	in conr	nection with Mat 9:30-11:20W	h 329 Sect.20 Fisher Fisher	or3 Min201 Min201
-Sec E -Sec F			11:30-1:20Th 10:30-12:20F	Fisher Fish e r	Min201 Min201
O(Business Statistics) -Sec 1 -Sec 2	Math.329	3	10:30MW,2:30Th 10:30F,2:30MW	Eustice	Min202 Min202
l(Spec.Meth.Tchg.H.S.Ma 5(Finite Math.)	Math.202	3	9:30F+2hrs.arrg 8:30TTh,12:30F		Min208 Min302
O(Computer Programming) -Sec 1 -Sec 2 (IE)	Jr.Stg.	3	7:30TThF 8:30TTh,12:30F	Daniels Ferguson	Min208 Min208
-Sec 3 -Sec 4			9:30TTh,1:30F 11:30TTh,3:30F	Kuang Daniels	Min208 Min208
6 (Linear Alg.&Matrices) 9 (Statistics I) C B (Anal.Geom.ofSpace)	Calculus oll.Algebra Anal.Geom.	3 3 3	10:30TTh,2:30F	Olson Shuman Lundquist	Min303 Min205 Min202
O(Intr.to Mod.Geom.) 5(Intr.to Num.Analysis)	Plane Geom. Math303,380	5	8:30MW, 12:30TTh 8:30MWF, 12:30TT	Schilling h Nelson	SE202 Min305
8 (Vector Analysis) 1 (Adv. Calculus) 1 (Statistics II)	Math.202 Math450. Math.429	3	11:30MW,3:30Th	Staff Arena	Min304 Min402 Min205
8 (Intr. to Math. Statisti	cs)	3	10:30MWF,2:30TT	n+arr.Kuang	Min310 Min310
			11:30F,3:30MW	Arena	Min304
8 (Seminar-Spec.Function 9 (Spec.ProbGrd.Math.) 0 (Complex Variables)		3 5	7:30-10:00(p.m. 10:30TTh,2:30MW		Min202 Min304
9(Intr.to Math.Statisti 8(Seminar-Spec.Function 19(Spec.ProbGrd.Math.) 0(Complex Variables) DERN LANGUAGES ENCH 2(EL) -Sec 1		3		F Arena	

Department & Subject Prerequisite French-Cont. 205(Intermediate) Fr.103	Cr.	Hour & Days Instructor Room Popel
-Sec 1	4	8:30MW,12:30TTh Min314 9:30MW,1:30TTh Min301
-Sec 2 314(Selected French Readings) Fr.206	3	By arrgt. Popel Min
GERMAN 102 (Elementary) Ger.101	4	Schindler
-Sec 1 -Sec 2		8:30MW,12:30TTh Ladd254 9:30MW,1:30TTh Ladd254
-Sec 3 -Sec 4		10:30MW, 2:30TTh Ladd254 11:30MW, 3:30TTh Mor308
205(Intermediate) Ger.103 -Sec 1	4	9:30MW,1:30TTh Hertel Min304
-Sec 2 215(Scientific German) Ger.103	4	10:30TTh,2:30MW Schindler Ladd254 10:30MW,2:30TTh Hertel Min303
313 (German Lyrics) Ger. 206	2	By arrgt. Hertel Min
RUSSIAN 102 (Elementary) Russ.101	3	7-8:30(p.m.)MW Popel Min215
SPANISH 102(Elementary) Span.101	4	
-Sec 1 -Sec 2		10:30TTh,2:30MW Stallings Min418 10:30MW,2:30TTh Stallings AgE205
-Sec 3 205(Intermediate) Span.103	4	7-9(p.m.)TTh Manalich Min322 Stallings
-Sec 1 -Sec 2		9:30TTh,1:30MW Min101 9:30MW,1:30TTh Min101
314(Selected Spanish Readings)Sp.206	3	By arrgt. Schindler Min
MUSIC 111(Intro. to Mus. Lit.) 112(Symphonic Lit.) Mus.111	3	12:30MW,8:30F VanVlissingen Putn20 8:30TTh,12:30F VanVlissingen Putn20
121,122,123 (Elem. Piano)	2 2	By arrgt. Croal, Koenig Putn11,13 By arrgt.VanVlissingen, Godwin Putn4
131,132,133(Elem.Voice) 141,142,143(Elem.Winds)	2	By arrgt. Johnson, Euren Putn2
205 (Theory I) Mus. 204 or appr. 221, 222, 223 (Intermed. Piano)	3 2 2	By arrgt. Croal, Koenig Putn11,13
231,232,233(Intermed. Voice) 241,242,243(Intermed. Winds)	2 2 2	By arrgt. VanVlissingen, Godwin Putn4 By arrgt. Johnson, Euren Putn2 1:30MW Johnson Putn2
305(History of Music) 313(Orchestration) Mus.312 315(Theory II) Mus.314	3 3	2:30MW,10:30F Johnson Putn2
315(Theory II) Mus.314 321,322,323(Adv.Piano)	2 2	10:30TTh,2:30F Johnson Putn2 By arrgt. Croal, Koenig Putn11,13 By arrgt. VanVlissingen, Godwin Putn4
331,332,333(Adv. Voice) 341,342,343(Adv. Winds) 325(Math. of Instr. Music) Mus. 110	2 2 3	By arrgt. VanVlissingen, Godwin Putn4 By arrgt. Johnson, Euren Putn2 9:30MW,1:30Th Euren Putn21
325(Meth.of Instr.Music) Mus.110 375(Spec.Meth.Vocal Music) 151,251,351,451(Choir)	2	By arrgt. VanVlissingen Putn20 4:30MTWTh Godwin Putn20
151,251,351,451 (Chorus)	1 1	4:30TTh VanVlissingen Min319 7-9:30(p.m.)W Godwin Putn20
151,251,351,451 (Oratorio) 161,261,361,461 (Band)	1	4:30MTWThF Euren Putn21
PHYSICAL EDUCATION-MEN 112(Tumbling)	1	10:30MW Nystrom PE Pool
117(Basketball-Volleyball) -Sec 1	1	10:30MW PE Floor
-Sec 2 118(Wrestling)	1	2:30MW PE Floor 4:30MTWThF Maughan PE Pool
119(Bowling) -Sec 1	1	Johnson 9:30TTh Stu.Union
-Sec 2 209(Basketball)	1	10:30TTh Stu.Union 4:30MTWThF Bentson PE Floor
212(Badminton&Archery) 230(Treat.&Prev.ofAth.Injuries)SStg.	1 3	9:30MW Nystrom PE Floor 2:30MW,10:30F Isrow PE112
301 (Meth.&Tech.of Officiating) 305 (Adv. Swimming) PE105	1 2	2:30T+hr.arrgt. Bentson PE19 6:15(p.m.)T Manley Fargo HS
309(Kinesiology) 322(Meth.Coaching Basketball)Jr.Stg.	3 2	9:30MW,1:30Th Weaver PE112 10:30TTh Bentson PE19,Floor
324 (Meth.Coaching Wrestling) Jr.Stg. 330 (Meth.&Mat.in Health) Jr.Stg.	2 2	3:30MW Erhardt PE Pool 10:30MW McKee PE204
402(Org.&Admin.ofPE) PE229,372 407(Supervision) Sr.Stg.	3 2	10:30TTh,2:30F Mudra PE204 9:00-11:30S Kaiser City Schools
409(Adapted Act.Program) Sr.Stg. 424(Tests&Meas.in PE) Sr.Stg.	2 3	11:30MW Weaver PE112 9:30TTh,1:30F Kaiser PE204
PHYSICAL EDUCATION-WOMEN 103(Fund. of Body Mech.)	1	
-Sec 1 -Sec 2		8:30MW Nass PE Stage 9:30MW Nass PE Stage
-Sec 3 -Sec 4		10:30MW Nass PE Stage 12:30MW Gregoire PE Stage
-Sec 5 -Sec 6		1:30MW Raer PE Stage 8:30TTh Raer PE Stage
-Sec 7 -Sec 8		9:30TTh Raer PE Stage 10:30TTh Nass PE Stage
-Sec 9 -Sec 10	*	1:30TTh Nass PE Stage 2:30TTh Nass PE Stage
119(Trampoline&Apparatus) PE120 124(Basketball)	1 1	11:30TTh Wensel PE Stage 2:30TTh Wensel PE Floor
202(Bowling) Soph.Stg.	î	9:30MW Stu.Union
-Sec 2 205(Badminton) Soph.Stg.	1	10:30MW Stu.Union Wensel
-Sec 1 -Sec 2		9:30TTh PE Floor 10:30TTh PE Floor
211(Recreational Games) Soph.Stg. 220(American Country Dance)Soph.Stg.	1 1	11:30TTh Raer PE Floor 11:30MW Gregoire PE Floor
225(Beg.Modern Dance) Soph.Stg. 309(Kinesiology) PE308	1 3	2:30MW Nass PE Stage 9:30MW,1:30Th Weaver PE112
314(Tchg.ofInd.&Dual Sports)Deptappr 317(Tchg.of Body Mechanics)PE103,229	2	12:30MW,8:30F Raer PE Floor 11:30TTh Nass PE Pool
322 (Meth.&Tech.ofOfficiating) PE124 330 (Meth.&Mat.in Health) PE116	2 2	1:30MW+hr.arrgt.Wensel PE Floor 10:30MW McKee PE204
350 (Meth. Amat. in Health) PE116 350 (Elem. School PE) PE229 402 (Org. & Admin. of PE) Sr. Stg.	3 3	12:30F,8:30-10:20TThGregoirePE112,F1 10:30TTh,2:30F Mudra PE204
409(Adapted Act.Program) PE309	2	11:30MW Weaver PE112
RELIGION 252(Prophetic Literature)	3	8:30TTh,12:30F Roach Rel.Ed.Aud.
261(Early Church History) 273(Catholic Doctrine I)	2 2	9:30TTh Vere Rel.Ed.Sem. 8:30MW Durkin Rel.Ed.Aud.
274(Catholic Doctrine II) 276(Protestant Doctrine)	2 2	10:30TTh Hovda Rel.Ed.Aud. 9:30TTh Kvinge Rel.Ed.Aud.
303(Comparative Religion) 311(Hist.ofMed.&Ren.Phil.)	3	2:30MW,10:30F Roach Rel.Ed.Aud. 10:30MW,2:30Th Roach Rel.Ed.Aud.
R.O.T.CARMY -All Men(lHr.Lab Req. of each MS Stu	ident)	
102(Basic Military) -Sec 1	1	Gromaski, Dean Long 1 8:30M
-Sec 2 -Sec 3		9:30M 10:30M
-sec 5 -sec 5		8:30T 9:30T
-sec 5 -sec 6 -sec 7		10:30T 12:30W
-sec 7 -sec 8 -sec 9		1:30W 9:30W
-Sec 9 -Sec 10 -Sec 11		11:30M
-Sec 12	2	1:30T 10:30W
202(Basic Military) MS201 -Sec 1	2	Rumpel, Hall Long 2 8:30MW
-Sec 2 -Sec 3		10:30MW 1:30MW
-Sec 4 -Sec 5		8:30TTh 10:30TTh
-Sec 6 302(Advanced Military) MS301	3	1:30TTh Dean, Perry Long 2
-Sec 1 -Sec 2		7:15TThF 3:30MW,11:30F
402(Advanced Military) MS 401 -Sec 1	3	Dean, Perry Long 1 7:15TThF
-Sec 2 R.O.T.CAIR SCIENCE		3:30MW,11:30F
-All Men(lHr.Lab Req. of each AS Stu 102(Basic Air Science) AS101	ident)	
-Sec 1 -Sec 2	•	8:30M
-Sec 3		9:30M 10:30M
-Sec 4 -Sec 5		8:30T 9:30T
-Sec 6		10:30T

-Sec 7 -Sec 8

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Department & Subject
Air Science-Cont.
202 (Basic Air Science)
            -Sec 1
           -Sec 2
-Sec 3
-Sec 4
            -Sec 5
     -Sec 6
302 (Advanced Air Science)
   -Sec 1
-Sec 2
402(Advanced Air Science)
   SOCIAL AND BEHAVIORAL SCIENCE
COMMUNICATIONS
201(Journalism)
307(Editing) GenAg303oro
    375 (Pub. Practicum)
    ECONOMICS
242 (Accounting)
           -Sec 1
    250 (Prin. of Economics)
            -Sec
    251 (Prin. of Economics)
           -Sec 1
-Sec 2
-Sec 3
   252 (Prin. of Economics)
313 (Money & Banking)
315 (Business Finance)
     322 (Business Law)
    -Sec 2
323 (Business Law)
    329(Life Insurance)
   343 (Cost Accounting)
352 (Adv. Accounting Prin.)
411 (Labor Economics)
   413 (Public Finance)
418 (Adv. Economics)
454 (Dev.of Econ.Thought)
   HISTORY
102(U.S. History)
-Sec 1
-Sec 2
  -Sec 2
231(Hist.of West.Civ.)
302(Amer.Econ.Hist.to 1914) H]
311(Hist.of the Ancient World)
321(Europe 1600-1815) H3
324(History of North Dakota)H3
405(Hist.ofAmer.Diplomacy)Depe
  401 (Modern Germany)
496 (Adv.U.S. History)
499 (Special Problems)
599 (Thesis&Research)
Lepton
   POLITICAL SCIENCE
204 (Natl.Gov't.inAction)
            -Sec 3
   -Sec 4
324(International Rel.)
   335 (American Presidency)
336 (Legislative Process)
498 (Seminar-Afric.Pol.&Gov't.)
  PSYCHOLOGY
201(Introd.to Psychology)
215(Educ.Psychology) Psy
303(Hum.Growth&Dev:Adoles.)Jrs
  303 (Hum, Growth&Dev: Adoles.) JrS
304 (Mental Hygiene)
224 (Experimental Psych.)
283 (Child Development)
499 (Special Problems)
-Sec 1 (Prin. of An. Psych.
-Sec 2 (Personality)
-Sec 3 (Research)
498 (Seminar-Motivation)
522 (Ind. Intell. Testing) Psych 222
   498 (Seminar-Motivation) Psyc
522 (Ind.Intell.Testing) Psy4220
   SOCIOLOGY
201(Introd.to Sociology)
303(Contemp.Soc.Problems) Sop
417(Soc.of the Family)
   418 (Social Psychology)6cr.Soc.
498 (Seminar-Rural Soc.) Dept
499 (Spec.Prob.-Persp.Nat.ofMan
   SPEECH
108 (Speech Fundamentals)
          -Sec 1
-Sec 2
-Sec 3
           -Sec 4
-Sec 5
-Sec 6
           -Sec 7
-Sec 8
-Sec 9
           -Sec 10
-Sec 11
-Sec 12
          -Sec 12
-Sec 13
-Sec 14
-Sec 15
-Sec 16
-Sec 17
-Sec 18
          -Sec 19
-Sec 20
   110(Introd. to Theatre)
   119(Theatre Practices)
120(Speech Science)
  208(Stage Scenery&Light.)
209(Oral Interp.) Spo
211(Group Dis.&Conf.Leadership)
212(Intermed.Pub.Spkg.) Spo
   -Sec 1
-Sec 2
251(Debate Practice)
  309(Acting) Spc
311(Contemp.Amer.Speakers) Spc
320(Clinical Practices) Dept.
          -Sec 1
-Sec 2
-Sec 3
351(Debate Practice)
378(Spec.Meth.Tchg.Spch.)
-Sec 1
-Sec 2
407(Playwriting)
498(Seminar)
-Sec 1 (Stuttering)
-Sec 2 (Audiometry)
499(Special Problems)
-Sec 1
-Sec 2
-Sec 3
   -Sec 3
599(Thesis & Research)
   ZOOLOGY
111 (General)
-Sec 1
            -Sec 4
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By Departments Within

ays	Instructor Hegland	Room FH1	Zoology-Cont. 263(Human Physiology) -Sec 1 -Sec 2	Zool.111	Cr. 4	Hour & Days 1:30MW,9:30F 8:30-10:20M 10:30-12:20M	Pickworth Staff Staff	Min319 Min121 Min121
			-Sec 3 -Sec 4 -Sec 5			1:30-3:20T 3:30-5:20T	Staff Staff	Min121 Min121
	Wackerfuss	FH203	-Sec 6 -Sec 7			8:30-10:20W 10:30-12:20W 1:30-3:20Th	Staff Staff Staff	Min121 Min121 Min121
1:30F	Hansen	FH1	-Sec 8 304(Comp.Vert.Anatomy)	Zoo1.113	5	3:30-5:20Th 8:30MW,12:30Th 2:30-5:20TTh	Staff ,Sokol	Min121 Min125 Min125
1:30F			316 (Invertebrate Zool.) 322 (Prin.of Ecology)	Zool.112 Dept.appr.	4	9:30MW,1:30Th, 1:30-4:20MW 7:30-9:20(p.m.		Min125 Min104
20Th N	Nies Nies	Min401 Min403 Min403	498 (Seminar) 499 (Special Problems) 598 (Grad. Seminar)	Jr.Stg. Dept.appr.	1 1-3	+Lab by arrgt. 4:30T By arrgt. 4:30T	Staff Staff Staff	Min101,115 Min101,115 Min104 Min Min104
15.0220			599(Thesis & Research)Grad	lStg.,appr.	8-15	By arrgt.	Staff	Min
12:30F A	Thiel Anderson	Min418 Min418	AGRICULTURAL AND BIOLOGICA 292 (Elements of Biochemist	I. CHEMISTRY		AND PHYSICS		
	Vinje Pettee	Min314 Min301	-Sec 1	onc.with292	3	11:30TTh,3:30F 8:30-11:20T	Meintzer Meintzer	Ladd207 Ladd304
0:30F V	Vinje Vinje Snyder	Min314 Min314 Min301	-Sec 2 -Sec 3 484(Biochem. Lab) Chem.	483orAppr.	2	1:30-4:20T 8:30-11:20F 8:30-11:20ThF	Staff	Ladd304 Ladd304 Ladd251
12:30F V 12:30Th F		Min314 Min301	499(Special Problems) 598(Grad. Seminar)	Dept.appr. Grad.Stg.	3 1-3 1	7:30MWF By arrgt. 1:30Th	Klosterman Staff Staff	
1:30F F ,2:30F F	Pettee Pettee	Min301 Min301	599(Thesis & Research) ANALYTICAL CHEMISTRY	Dept.appr.	8-15	By arrgt.	Staff	Ladd204
8:30F Y	/uill /uill	Min418 Min418	205 (Quant. Analysis)	Chem.108	4-5	12:30TTh,1:30-4 8:30-11:20F 12:30MW	:20TTh Shulman Staff	Ladd204,309 Ladd309 Ladd107
.30F S	Snyder	Min418 AgE223	-Sec A -Sec B 481(Glass App. Fab.)		1	1:30-4:20MW 8:30-11:20Th,1:	30-4:20F	Ladd309 Ladd309
:30Th	Snyder Thiel W Anderson	AgE201 Min418 Min418	499(Special Problems) 598(Grad.Seminar)	Dept.appr. Grad.Stg.	1-3	1:30-4:20T By arrgt. 1:30Th	Fleetwood Staff Staff	SE25 Ladd204
,2:30F S	inje Jinje	Min314 AgE201 Min322	599 (Thesis & Research) INORGANIC CHEMISTRY 106 (General)	Dept.appr.	8-15	By arrgt.	Staff	
2:301n v	/ikor /ikor	Min401	-Sec 1 -Sec 2		5	8:30MTTh,12:30H 10:30ThF,2:30MV		Ladd207 Ladd207
OMW C	Ottersen	Min319 Min319	-Sec A -Sec B -Sec C			9:30-11:20M 1:30-3:20M 7:30-9:20T		Ladd101 Ladd102 Ladd102
2:30Th M 3:30Th E 2:30Th M	Murray	Min319 Min406	-Sec D -Sec E -Sec F			9:30-11:20T 11:30-1:20T		Ladd102 Ladd102
30Th F	Roach Kel.	Ed.Aud. Min215 Min314	-Sec G -Sec H			7:30-9:20W 9:30-11:20W 1:30-3:20W		Ladd102 Ladd102 Ladd102
5TTh F	Murray Peters Ottersen	Min401 Min314 Lib236	-Sec J -Sec K -Sec L			7:30-9:20Th 9:30-11:20Th 3:30-5:20Th		Ladd102 Ladd102 Ladd102
. 8	Staff Staff	Min Min	-Sec P -Sec Q 107(General)	Chem.106	5	7:30-9:20F 1:30-3:20F	Staff	Ladd102 Ladd102
	Bond	Mor309	-Sec 1 -Sec 2 -Sec 3			9:30TF,1:30MW 10:30MW,2:30TTH		Ladd207 Ladd207
	Amlund	AgE223 AgE223	-Sec A -Sec B			3:30MTW,11:30F 1:30-3:20T 1:30-3:20M		Ladd207 Ladd101 Ladd101
:30F F :30F F 30Th F	Amlund Bond Amlund	Mor210 Min309 Min219	-Sec C -Sec D -Sec E			7:30-9:20T 9:30-11:20T 11:30-1:20T		Ladd101 Ladd101 Ladd101
2:30F A	Amlund Bond	AgE223 Min406	-Sec F -Sec G -Sec H			7:30-9:20W 9:30-11:20W		Ladd101 Ladd101
tion De	30F Whittaker	Min319	-Sec J -Sec K			1:30-3:20W 7:30-9:20Th 9:30-11:20Th		Ladd101 Ladd101 Ladd101
2:30F N	ept.	Min322 Min418	-Sec L -Sec P -Sec Q			3:30-5:20Th 7:30-9:20F 1:30-3:20F		Ladd101 Ladd101 Ladd101
Economi	lcs Dept.		107(General) -Sec 4 (Chem. Majors of	Chem. 106 only)	5	11:30MW,3:30Th 8:30-11:20M,1:3	Staff	Ladd204
(p.m.)M m.)Th R	reiband Mittaker	Min406 Min310 Min405 Min406 Min322	598 (Grad. Seminar)	Dept.appr. Dept.appr. Grad.Stg. Dept.appr.	1-3 1-3 1 8-15	By arrgt. By arrgt. 1:30Th By arrgt.	Staff Staff Staff Staff Staff	Ladd102 Ladd204
OTTh, 7:3	30F Zimmerman	Min319	ORGANIC CHEMISTRY 241(Prin.of Organic Chem.) -Sec 1	Chem.107	5	7 · 30Mmmkp	Rather	T-4100-
1:30F C 2:30Th G	Cook	Min219 HE29 Min301	-Sec A -Sec B			7:30MTThF 8:30-11:20T 8:30-11:20Th	Rathmann Staff Staff	Ladd207 Ladd308 Ladd304
2:30F Z	Zimmerman Th Cater	Min401 Min215	-Sec C 241(Prin.of Organic Chem.) -Sec 2		5	1:30-4:20F 9:30TTh,1:30WF 1:30-4:20M	Staff Sugihara	Ladd304 Ladd254 Ladd251
	Walsh Fe	st.Hall Adm206	242(Prin.of Organic Chem.) -Sec 1 -Sec 2	Chem. 241	5	8:30TF,12:30MW 7:30MTThF	Peterson Slater	Ladd204 Ladd204
I. K	Lenihan Knudson	Adm206 Adm206	-Sec D -Sec E -Sec F			8:30-11:20M 8:30-11:20W		Ladd304 Ladd304
W B	frnak Valker Bonnema	Adm206 Adm206 Adm206	-Sec G 451(Adv. Organic Lab)	Chem. 242	2-5	1:30-4:20M 1:30-4:20Th By arrgt.	Staff	Ladd304 Ladd304
I	irnak Lenihan Lenihan	Adm206 Adm206 Adm206	454 (Org. Qual.Analysis) 499 (Special Problems) 545 (Stereochemistry) Chem.	Chem.242 Dept.appr. 444orAppr.	3 1-3 3	10:30T,1:30-3:2 By arrgt. 4:30-5:45MW	20WF Rudesi Staff Rudesill	11Ld359,251 Ladd254
K B	Knudson Bonnema Bonnema	Adm2 06 Adm2 06 Adm2 06	598 (Grad. Seminar) 599 (Thesis & Research)	Grad.Stg. Dept.appr.	8-15	1:30Th By arrgt.	Staff Staff	Ladd204
M	irnak irnak	Adm206 Adm206	PHYSICAL CHEMISTRY 461(Physical Chem.)C242,M3 464(Physical Chem.Lab)	003, Phys233 Conc.461	3 2	11:30MW,3:30Th 1:30-4:20MW	Schwartz	Ladd254 Ladd151
B	frnak Bonnema Valker	Adm207 Adm207 Adm207	499 (Special Problems) 568 (Thermodynamics I) 572 (Quantum Chemistry)	Dept.appr. Chem.462 Chem.462	1-3 3 3	By arrgt. 11:30MW,3:30Th 9:30MW,1:30Th	Staff Schwartz	Ladd359 Ladd359
M	Walsh Marak Mast	Adm201 Adm207 Adm207	598 (Grad. Seminar) 599 (Thesis & Research)	Grad.Stg. Dept.appr.	1 8-15	1:30Th By arrgt.	Staff Staff	Ladd204
30TTh M		LCT LCT Clinic	POLYMERS AND COATINGS 471 (Industrial Chem.) 475 (Pigments&Pig.Coatings)	Chem. 242 Chem. 474	3 5	By arrgt. 8:30MW,12:30Th	Minnear Rheineck	Ladd Ladd359
30-4:20 30MW W	OMW Bonnema Vest	LCT Adm207	499(Special Problems) 575(Adv.Coatings II)	Dept.appr. Chem.476	1-3	7:30-1:20F By arrgt. By arrgt.	Staff Rheineck	Ladd50
:30MW W	Valker	Adm207 LCT LCT	598 (Grad. Seminar)	Grad.Stg. Dept.appr.	1	1:30Th By arrgt.	Staff Staff	Ladd204
30Th B	Valker Bonnema	LCT LCT LCT	PHYSICS 201(General) Coll.Alg. -Sec A	and Trig.	4	10:30MW,2:30Th 9:30-11:20T	Staff	SE22 SE27
:30Th W	Walker Richmond	LCT Clinic	-Sec B (Pharm.) -Sec C			1:30-3:20T 3:30-5:20T		SE27 SE27
7		Clinic Clinic Clinic	-Sec D (Pharm.) 202(General) -Sec 1	Phys. 201	4	3:30-5:20W 8:30MW,12:30Th	Staff	SE27
30F W	Valker Vest	LCT Adm207	-Sec 2 -Sec A (Arch.) -Sec B (Arch.)			8:30TTh,12:30F 7:30-9:20Th 9:30-11:20Th		SE22 SE26 SE26
30F W	Wakstein Walsh	Clinic Adm201	-Sec C (Pharm.) -Sec D			1:30-3:20Th 7:30-9:20F		SE26 SE26
12:30F R	Wakstein Richmond	Clinic Clinic	-Sec E -Sec F 231(General)	Math, 201	5	9:30-11:20F 1:30-3:20F 11:30MWF,3:30T	Th Staff	SE26 SE22
. R	Makstein tichmond	Clinic Clinic	-Sec A (ME) -Sec B -Sec C (½EE)			1:30-3:20W 9:30-11:20Th 7:30-9:20F		SE27 SE27 SE27
W	Walsh Walsh	Adm201 Adm201	-Sec D 232(General) -Sec 1	Phys.231	5	9:30-11:20F 9:30MWF,1:30TT	Staff h	SE27
,2:30F C	Staff	Min319 Min104	-Sec 2 -Sec A (Chem, Physics)			9:30TTh,1:30MW 7:30-9:20M		SE22 SE26
20MW S	toff	Min104 Min104 Min104	-Sec B (EE) -Sec C (ME) -Sec D (ME)			9:30-11:20M 1:30-3:20M 3:30-5:20M		SE26 SE26 SE26
Contract	Staff	Min104	-Sec E (CE) -Sec F (EE)			7:30-9:20T 9:30-11:20T		SE26

Physics 232 Cont.	requisite	Cr.	Hour & Days	Instructor	Room
-Sec J (Chem, Physics) -Sec K (EE) -Sec L (ME, Arch.)			1:30-3:20W 3:30-5:20W 3:30-5:20Th		SE2 SE2 SE2
320(Introd.to Mod.Physics) 342(Particles & Fields)	Phys. 233 Phys. 341	3 4	10:30TTh, 2:30F By arrgt.	Staff Staff	SE2
361 (Heat & Thermodynamics) 405 (Intro.to Quantum Theory)		4 3	By arrgt. By arrgt.	Staff Staff	
407 (Modern Physics Lab)	Phys. 404	2	By arrgt.	Staff	
AGRICULTURAL ENGINEERING	COLLEGE OF	F ENGIN	EERING		
324 (Farm Power) Phys. 2	233,ME335	5	9:30MW,1:30Th 2:30-5:20MW	Kucera	AgE20 AgE12
	E230,335 E330,340	5	10:30MTWTh, 2:30-5:20M 9:30TTh,1:30F	Butchbaker A	AgE201,12 AgE20 AgE21
98 (Seminar) 99 (Special Problems)	Sr.Stg. Sr.Stg.	1 1-3	1:30T By arrgt.	Holmen Staff	AgE20
524 (Adv. Farm Power&Mach.) Ag 550 (Control Systems)		3	By arrgt. By arrgt.	Kucera Butchbaker	AgE20 AgE20
	ept.appr.	1-5	By arrgt.	Staff	AgE10
	Arch.202	2	8:30-10:20MW	Banerji	SE3
-Sec 3	Arch.209	5	8:30-10:20TTh 10:30-12:20TTh	Twichell Benegal	SE3 SE3
-Sec 1			11:30T,1:30-4:2 7:30-10:20F		SE3
-Sec 2 21(Hist. of Arch.)	Arch.320	4	11:30T,1:30-4:2 8:30-11:20T 11:30MW,3:30TTh		SE3 SE3 SE1
	Arch.310	5	9:30W,1:30-4:20		SE3
-Sec 2			8:30-11:20T 9:30Th,1:30-4:2		
	Arch .343	3 2	8:30-11:20T 10:30MW, 2:30Th		SE3
	Arch.401 Arch.410	6	10:30-12:20MW 11:30Th,1:30-4: 8:30-11:20Th		nson SE3
51 (City&Regional Planning) . 99 (Special Problems)		3 1-3	10:30MW,2:30Th	Foster Henning	SE3 SE1 SE2
11(Arch. Design)	Arch.510	8	11:30MWF,8:30-1 1:30-4:20MTWF		
raduate Courses as Required IVIL ENGINEERING 09(Fluid Mechanics) M	F327 325			Chadia	
-Sec 1	E327,335	5	8:30TTh,12:30WF 1:30-3:20M	Skodje	Dol.13
-Sec 2			8:30TTh,12:30WF 3:30-5:20M		Dol.13
-Sec 4			8:30MW,12:30TTh 1:30-3:20W		Dol.13
-Sec 4 16(Soil Mechanics I)	ME328	3	8:30MW,12:30TTh 3:30-5:20W	Brahma	Do1.13 SE10
-Sec 1 -Sec 2			10:30TTh, 2:30-5:10:30MW, 2:30-5:	:20F Brahma	Dol.13
32(Structural Theory I) -Sec 1	ME328	4	10:30MW,2:30Th,	Wolf 2:30-5:20T	Do1.10
-Sec 2 05(Reinforced Conc.II) -Sec 1	CE4 04	4	11:30MW,3:30Th, 8:30MW,12:30Th,	Majumdar	Do1.10
-Sec 2 09(Engr. Economics)	Sr.Stg.	3	9:30TTh,1:30F,1 11:30MW,3:30Th	:30-4:20W	Dol.133 Dol.103
10(Sewerage&Sew.Disposal)B2 -Sec 1		4	10:30MW,2:30Th,	Butler 2:30-5:20M	Do1.13
-Sec 2 30(Struct.for Arch.III)	ME328	4	10:30TTh,2:30F, 9:30MW,1:30Th, 8:30-11:20T		Dol.13: Dol.13:
44(Struct.Theory IV) -Sec 1	CE443	4	9:30TTh,1:30F,2		Dol.103
-Sec 2 raduate Subjects as Required	d		8:30MW,12:30Th,	9:30-12:20F	Dol.103
LECTRICAL ENGINEERING 20 (Circuit Anal.I) CEonly 21 (Circuits Lab I)	Phys232 Phys.232	4	1:30TTh,9:30MW	Staff Staff	SE205
-Sec 1 (CE only) -Sec 2 (CE only)		F	2:30-5:20M 2:30-5:20W	Staff	SE106
13(Circuit Analysis III) -Sec 1 -Sec 2	EE304	5	8:30WF,12:30MTT 10:30MWF,2:30TT		Mor215 Min205
21(Electronics I) -Sec 1	EE304	4	8:30TTh,12:30WF	Staff	SE16
-Sec 2 22(Electronics Lab I)CrorCon -Sec 1	regEE321	1	8:30MW,12:30ThF 7:30-10:20M	Staff	Lib101
-Sec 2 -Sec 3			2:30-5:20T 2:30-5:20M		SE104 SE104
-Sec 4 -Sec 5			7:30-10:20Th 7:30-10:20F	04.055	SE104
57 (Electromag.EnergyConv.I) -Sec 1 -Sec 2	EE304	4	9:30TTh,1:30WF 9:30MW,1:30ThF	Staff	SE16 AgE22
-Sec 2 58 (Machinery Lab I)Crd.orCom-Sec 1	regEE357	1	7:30-10:20M	Staff	SE1131
-Sec 2 -Sec 3			2:30-5:20T 2:30-5:20M		SE1131
-Sec 4 -Sec 5	Dhys - 000		7:30-10:20Th 7:30-10:20F	Stoff	SE1131 SE1131
75(Circuits&Illum.) 80(Electro-Mech.Devices) -Sec 1	Phys.203 EE220	2 4	11:30TTh 9:30MW,1:30TTh	Staff Staff	SE20
-Sec 2 81(Engr. Lab I) Crd.orCon	regEE380	1	9:30TTh,1:30MW	Staff	SE1
-Sec 1 (ME) -Sec 2 (ME)			7:30-10:20T 2:30-5:20W 7:30-10:20W		SE113: SE113:
-Sec 3 (ME) -Sec 4 (ME) -Sec 5 (IE)			7:30-10:20W 2:30-5:20Th 2:30-5:20F		SE113 SE113
-Sec 6 03(Electromag.Fields II)	EE402	5	8:30-11:20S 8:30MWF,12:30TT		SE113 SE1
29(Comm. Engr. II) 30(Comm. Lab II) Crd.orCo	EE427 regEE429	3	9:30MW,1:30Th	Staff Staff	SE20
-Sec 1 -Sec 2 36(Systems&Design I)	EE314	3	7:30-10:20T 2:30-5:20W 10:30MW,2:30Th	Staff	SE10 SE10 Mor215,30
90 (Elect.Engr.Matls.) 07 (Circuit Analysis V)	Sr.Stg. EE598	3 3	11:30MW,3:30Th 10:30MW,2:30Th	Staff Staff	SE1 SE20
10 (Antennas&Waveguides) 32 (Electronics V)	EE501 EE531	3 3	11:30MW,3:30Th 1:30MW,9:30F	Staff	SE20 SE20
40(Computer Circuits I) 51(Servomechanisms II) 99(Thesis & Research) De	EE407 EE550	3	12:30MW,8:30F 11:30TTh,2:30-5 By arrgt.	Staff 5:20F Staff Staff	SE20 SE20
NDUSTRIAL ENGINEERING 80(Introd. to I.E.)	So.Stg.	3			
-Sec 1 -Sec 2	oo.org.		1:30MW,9:30F 10:30TTh,2:30F	Dahlgren Kasson	Dol.1 Dol.1
347 (Safety Engineering) 350 (Work Meas.) Mathl	Jr.Stg. 50,IE280	3	9:30MW,1:30Th 9:30TTh,12:30-3	Serrin 3:20F Kasson	Dol.1 Dol.13,1
385(Wage&Salary Admin.)IE280 451(Methods Engr.) 467(Plant Layout)	1E350 IE354	3 3 3	10:30MW, 2:30Th 8:30MW, 1:30-4:3	20M Kasson	Dol.13,1
67(Plant Layout) 680(Engr. Economy) Math252 681(Engr. Valuation)	IE354 2,Sr.Stg. IE480	3 3 3	8:30TTh,2:30-5 9:30MW,1:30Th 11:30MW,3:30Th	Kasson	Dol.13,1 Dol.1 Dol.1
	ept.appr. IE457	3	1:30MW,9:30F By arrgt.	Serrin Serrin	Dol.1
530 (Engr.Asp.ofWage Determ.) MECHANICAL ENGINEERING		3	By arrgt.	Raley	Dol
107 (Engr.Graphics I) -Sec 1 (EE)		2	8:30-10:20MW,1		SE20
			2:30-4:20MW,10 2:30-4:20MW,10		SE30
-Sec 2 (EE) -Sec 3 (EE)	1m10n				
-Sec 3 (EE) 108(Descriptive Geom.) -Sec 1 (ME)	ME107	3	8:30-10:20MW,1	Staff 2:30-2:20Th	SEI
-Sec 3 (EE) 108 (Descriptive Geom.)	ME107	3	8:30-10:20MW,1 10:30-12:20MW,2:30-4:20MW,10 8:30-10:20TTh,	Staff 2:30-2:20Th 2:30-4:20Th :30-12:20F	

Department & Subject Pr Mechanical Engineering-Con	erequisite	C	r. Hour & Days	Instructo	or Room
203(Prod.Protesses I) -Sec A	ME107	2	7:30F	Staff	Do1.10
-Sec B -Sec 1 (ME) -Sec 2 (ME)			10:30F 7:30-11:20T		Dol.10 Dol.140
-Sec 3 (ME) -Sec 4 (IE Fr.)			12:30-4:20T 8:30-12:20Th 1:30-5:20F		Dol.140 Dol.140 Dol.140
216 (Metal Fab. I) -Sec A		1	11:30F	Staff	SE17
-Sec 1 -Sec 2 217 (Metal Fab. II)	ME216	1	12:30-2:20M 12:30-2:20F	Staff	SE116 SE116
-Sec A -Sec B	AEZIO	•	7:30F 10:30F	Scall	SE17 SE17
-Sec 1 (ME) -Sec 2 (AgE.)			2:30-4:20M 2:30-4:20T		SE116 SE116
-Sec 3 (ME) -Sec 4 (ME) -Sec 5 (AgE.)			2:30-4:20W 8:30-10:20Th 12:30-2:20Th		SE116 SE116 SE116
-Sec 6 (ME) -Sec 7 (ME-Jr.)			2:30-4:20Th 8:30-10:20F		SE116 SE116
230(Statics) Phys.23 -Sec 1 (EE) -Sec 2 (EE)	1,Math202	5	8:30MWF,12:30		Dol.10 Dol.10
-Sec 3 (ArchE.) -Sec 4 (CE)			10:30TTh,2:30 10:30MWF,2:30 10:30TTh,2:30	OTTh	Dol.107 Dol.14
-Sec 5 (CE) 301 (Mech. Equip. of Bldgs.)		3	10:30MWF,2:30 8:30MW,12:30T	h Staff	Dol.14 Dol.107
325(Fuels&Lubricants) -Sec 1 (ME) -Sec 2 (ME)		2	8:30-11:20TTh 2:30-5:20MW	Staff	SE8 SE8
-Sec 3 (ME) -Sec 4 (ME)			8:30-11:20MW 2:30-5:20TTh		SE8 SE8
327 (Dynamics) 328 (Mech. of Matls.) -Sec 1 (ME)	ME230 ME230	5	9:30MW,1:30TT 11:30MW,3:30T	Staff	Dol.102
-Sec 2 (ME) -Sec 3 (AgE.)			11:30TThF,3:3 8:30TThF,12:3	OMW	Dol.102 Dol.14
-Sec 4 (IE) 335(Basic Thermodynamics)	Phys.233	5	11:30MW,3:30T 8:30TTh,12:30	ThF MWF Staff	Dol.14 Dol.10
336(Energy Conversion I) -Sec 1 -Sec 2	ME335	4	8:30MW,12:30T 8:30TTh,12:30		Dol.102 Dol.102
429(Internal Combustion Eng. 430(Stress Analysis)) ME341 ME328	4 3	7:30MTThF	Staff Staff	Do1.102
-Sec 1 -Sec 2			11:30MW,3:30-1 11:30TTh,3:30-	-5:20F	Dol.10,141 Dol.10,141
432(Air Conditioning) 435(Dynamics of Machinery) M -Sec 1	ME341 E240,327 431.	3	8:30MW,12:30T	Staff	Dol.14
-Sec 2 437 (Engineering Materials)	ME441	3	10:30TTh,2:30F By arrgt.		Dol.102 Dol.106D
439(Gas Turbines) 475(Mechanical Lab.) -Sec 1	ME341 ME341	4 2	8:30TTh,12:30W	JF Staff Staff	Dol.107
-Sec 1 -Sec 2 -Sec 3			9:30-12:20TTh 2:30-5:20TTh 9:30-12:20MW		SE109 SE109 SE109
-Sec 4 499(Special Problems)		1-3	2:30-5:20MW By arrgt.	Staff	SE109 Dol.106D
532 (Exper.Stress Analysis) 537 (Gas Dynamics II) 538 (Engineering Analysis)	ME340 ME536 Math303	3 3	By arrgt.	Staff Staff Staff	Dol.106C Dol.131
599 (Thesis & Research) AERONAUTICAL ENGINEERING	Haciisos	,	By arrgt. By arrgt.	Staff	Dol.106C Dol.106D
	,Math202	3 4	9:30TTh,1:30F 9:30TTh,2:30-5		Dol.107 AeroLab
C	OLLEGE OF H	HOME E	CONOMICS		
GENERAL HOME ECONOMICS 102(Social Usage)		1	10:30W	Smith	HE29
ART 100 (Introduction to Art)		3	11:30MW	Jurcak	HE29
-Sec 1 -Sec 2 -Sec 3			3:30-5:20W 3:30-5:20Th	Jurcak Peotter	HE111 HE111
101(Fund. of Design) 111(Costume Apprec.&Design)	Art100	1 3	10:30-12:20F 12:30-2:20T 7:30F	Jurcak Peotter Jurcak	HE111 HE111 HE29
-Sec 1 -Sec 2			9:30-11:20MW 7:30-9:20TTh	Jurcak Jurcak	HE111 HE111
-Sec 3 201(Design I) 215(Weaving)	Art103	3	10:30-12:20TTh 12:30-2:20MW,7 7:30-9:20MW,12	:30-9:20FPeo	
217 (Beg. Ceramics) 302 (Home Planning & Furn.)	Jr.Stg.	3 5	3:30-5:20MW,11 9:30MW,9:30-11	:30-1:20F Pe	
311 (Drawing II) Art206 of 314 (Survey of Art)Art100or3cr		3	1:30-3:20F By arrgt. 4:30MWTh	Peotter Hawn	HE11 HE111 HE29
315 (Advanced Weaving) 317 (Intermed, Ceramics)	Art215 Art217	3	7:30-9:20MW,12 By arrgt.		
404 (Cons. Prob. in Home Furn.) 417 (Advanced Ceramics)	Art317	3	2:30MW,10:30-1 By arrgt.	Peotter	HE11 HE10
CHILD DEVELOPMENT AND FAMILY	RELATIONS	1-3	By arrgt.	Staff	HE6or7
261 (Consumer Problems) 280 (Household Equipment) 361 (Family Financial Plan.)	T&C127	3 2	9:30MW,1:30Th 9:30MW,1:30Th 8:30TTh	Smith Nayes Walker	HE29 HE228
383 (Child Dev.&Guid.I) Jr.Stg 463 (Readings in Home Mgmt.)		4	1:30MW,9:30F+3		HE29 HE29 A.BalesH.
481 (Home Management) 482 (Lab in Home Mgmt.) CDFR48	1,SrStg	3 4	2:30MW,10:30F 10:30MTWTh	Walker Walker	HE29 A.BalesH.
484 (Home Nursing) 486 (Family Dynamics) CDFR383 487 (Child Dev.&Guid.II)	, appr. CDFR383	1 3 3	1:30-3:20T,2:30 9:30TTh,1:30F 1:30T+6hrs.arrg	Groves	HE29 HE29 HE11
498 (Seminar: Family Rel.) Dep	t.appr.	1-3	By arrgt. By arrgt.	Groves Staff	
FOOD & NUTRITION 148 (Introd. Foods)		5			
-Sec 1			1:30MW, 2:30-4:2 9:30-11:20F 8:30TTh 9:30-11		HE228,221
150(Elem. Nutrition)		3	8:30TTh,9:30-13 12:30-2:20F 9:30TTh,1:30F		hE228,221 HE228,221 HE228
241 (Food for the Family) SoSt, 249 (Adv. Food Sel. & Prep.)	Non-HEc F&N148	2 4	10:30F,11:30-1	20F Challey	HE228,204
-Sec 1			12:30M,1;30-3:3 8:30-10:20F 8:30M,9:30-11:3		HE228,206 HE228,206 HE206
347 (Meal Management)	F&N249	3	1:30-3:20Th	Challey	HE206
-Sec 1 -Sec 2 350(Nutr.&Dietetics) F&N249	Ch 203	4	1:30T,9:30-12:3 1:30T,9:30-12:3	20TTh HE22	28,202,204
353 (Maternal&Child Nutr.)	F&N350	3	10:30MW, 2:30T, 2:30-4:20Th 8:30MW, 11:30-1:		HE228,202 HE228,202 HE228,206
355 (Quantity Food Prod.)	F&N347	5	1:30TTh+1hr.ari 9:30-12:20MW	gt.,Sheldon	HE221 Serv.Bldg.
		1 1-3 3	3:30M By arrgt. 8:30TTh,12:30-3	Sheldon Staff	HE228
555(Geriatric Nutrition) Dept 598(Grad. Seminar) Gra	ad.Stg.	1	3:30Th 3:30W	Nymon Nymon	HE228 HE228
HOME ECONOMICS EDUCATION		-15		non, Sheldon	
370 (Homemaking Educ.inH.S.) 375 (Extension Education) 472 (Adult Homemaking Educ.)	HEEd370	3 3	1:30MW,9:30-11: 7-9:30(p.m.)T 8:30MW 12:30Th	Higgins	HE110 Mor210 HE110
475 (Student Teaching) HECEd: 476 (Tchg.Attit.&Values) (1st) HI	370,472 EcEd370	9	8:30MW,12:30Th By arrgt. 8:30TTh,9:30MTW	Staff	HE110
498 (Senior Seminar) (2ndHalf) HI 499 (Special Problems)	EcEd475	3	8:30TTh,9:30MTW By arrgt.	Th Benson Staff	HE110
599 (Thesis & Research) Dept	.appr.	3	7:30-9:50(p.m.) By arrgt.	T Bartow Bartow	HE110
TEXTILES AND CLOTHING 124 (Fund. Clothing Prob.) 127 (Textiles)	Pretest	5 3	1:30MW,8:30-10:	20TThF Hawki	ns HE127
-Sec 1 -Sec 2			2:30M,10:30F,2; 10:30M,2:30Th,1	30-4:20W	HE33 HE33
-Sec 1	Pretest	3	1:30Th,8:30-10:	Rising 20MW	HE127
-Sec 2			2:30F,10:30-12:	ZULIN	HE127

Description of Cubinet F	rerequisite	Cr.	Hour & Days	Instructor	Page
Department & Subject F Textiles & Clothing-Cont.		OI.	nour & bays	Instructor	Room
226 (Intermed.Cloth.Prob.)	T&C124,127,	3		Rising	
-Sec 1	128		2:30Th, 10:30-1		HE128
-Sec 2		2	10:30F,2:30-4: 10:30TTh	Hawkins	HE128
228 (Textile Economics) 320 (History of Textiles)	T&C127	3	9:30TTh,1:30F		HE33
323(Flat Pattern Tech.)	T&C129,226	4		:20MW Reynolds	HE127
			2:30-4:20Th		HE127
422 (Retailing Experience)		3	By arrgt.	Reynolds	
426 (Tailoring)	T&C226	3 1-3	1:30T+hrs.arrg	:30-4:20MWReyno	oldsH127
499(Special Problems) Sr	.scg.,appr.	1-3	1,501,1118,4118	c. Reynords	
	COLLEGE	OF PH	ARMACY		
PHARMACEUTICAL CHEMISTRY					
346 (Bio-Pharmacy)	Ch.394	3	8:30TTh	Staff	Sud120
-Sec A			9:30-12:20M		Sud5
-Sec B			2:30-5:20T 2:30-5:20W		Sud5
-Sec C -Sec D			2:30-5:20Th	F	Sud5 Sud5
356 (Organic Pharm.Chem.)	Ph.Ch.355	4	12:30MTW,8:30F	Shelver	Sud120
411 (Adv. Drug Assay)	Ph.Ch.234	5	By arrgt.	Staff	Sud37
416 (Organic Pharm. Invest.		1-3	By arrgt.	Staff	Sud37
461(Isotope Tracer Tech.) 499(Special Problems)	Ph.Ch.460 Dept.appr.	1-3	By arrgt. By arrgt.	Vacik Staff	Sud37
516 (Chem.ofNat.Occ.Med.)	Chem. 242	3	By arrgt.	Shelver	Sud37 Sud37
562 (Bionucleonics)	Ph.Ch.460	3	By arrgt.	Vacik	Sud37
598 (Grad. Seminar)	Dept.appr.	1	By arrgt.	Staff	Sud37
599(Thesis & Research)	Grad.Stg.		By arrgt.	Staff	Sud37
PHARMACOGNOSY 361 (General Pharmacog.)	Phcog.360	5	9:30TTh,3:30MW	Schermeister	Sud224
-Sec A			2:30-5:20T	Bhatti	Sud221
-Sec B			2:30-5:20Th	Bhatti	Sud221
-Sec C	Don't some	1.	1:30-4:20F	Bhatti	Sud221
402 (Nat. Prod. of Med. Plts.) 404 (Hydroponic Cult. Med. Pl		4 3	By arrgt. By arrgt.	Bhatti Schermeister	Sud224 Sud224
415 (Microscopical Phoog.)	Phcog362	3	By arrgt.	Bhatti	Sud224
499(Special Problems)	Dept.appr.	1-3	By arrgt.	Schermeister	Sud224
516 (Methods in Phcog.)	Dept.appr.	4	By arrgt.	Bhatti	Sud224
599(Thesis & Research) PHARMACOLOGY	Dept.appr.		By arrgt.	Staff	Sud224
362 (Mammalian Phys.)	Zoo1.263	4	1:30MTW,9:30F	Reopelle	Sud208
-Sec A			9:30-12:20M		Sud205
-Sec B			2:30-5:20M		Sud205
-Sec C 411(Pharmacology)	Phcol.410	5	9:30-12:20T 11:30MTWTh	Hono	Sud205
-Sec A	111001.410		2:30-5:20W	Wong	Sud208 Sud205
-Sec B			2:30-5:20Th		Sud205
-Sec C			8:30-11:20F		Sud205
499(Special Problems)	Dept.appr.	1-3	By arrgt.	Staff	Sud208
503 (Tech. of Phcol.Invest 598 (Grad. Seminar)	Dept.appr.	5	By arrgt. By arrgt.	Wong Wong	Sud208
599 (Thesis & Research)	Grad.Stg.		By arrgt.	Wong	Sud208 Sud208
PHARMACY					
116 (Introd. Pharmacy)	Ph.115	2		Ozbun	
-Sec 1			2:30M,10:30F		Sud120
-Sec 2 209(Emergency Treatment)		1	9:30WF 2:30-4:20T	Staff	Sud120
222 (Cosmetic Prin.&Tech.)	Ph. 221	4	2:30MW,10:30F,	Vincent	Sud120 Sud224
			2:30-5:20F		Sud111
318 (Pharm. Problems)		3	10:30TTh,12:30		Sud120
371 (Pharm. Preps.)	Ph.370	4	8:30TTh	Vincent	Sud208
-Sec A -Sec B			9:30-12:20M,2:3 9:30-12:20TTh	Ozbun	Sud111
-Sec C			2:30-5:20TTh	Ozbun	Sud111 Sud111
407 (Prescriptions)	Ph.406	4	7:30MW	Sleight	Sud120
-Sec A			8:30-11:20MW		Sud107
-Sec B			2:30-5:20MW		Sud107
-Sec C 428 (Manuf. Specialities)	Phcol.410	3	2:30-5:20TTh	Claight	Sud107
-Sec A	FIICO1.410	3	9:30TTh 2 hrs. By arrgt	Sleight	Sud120
-Sec B			2 hrs. By arrest		Sud106 Sud106
-Sec C			2 hrs. By arrgt		Sud106
434 (Dermatological Pharm.)		3	7(a.m.)TTh,9-12		120,107
472 (Manuf. Pharmacy)	Ph.371	3		Henderson	Sud37
-Sec A -Sec B			1:30-4:20Th 1:30-4:20F		Sud25 Sud25
473 (Manuf. Pharmacy) Ph	.472,appr.	3		Henderson	Sud25
498 (Seminar)		1			
-Sec 1				Vincenc	Sud120
-Sec 2 499(Special Problems)	Dept.appr.	1-3		Miller	Sud120
	Dept.appr. Dept.appr.	3	By arrgt. 7(a.m.)MW,9-12S	Staff Vincent Sudi	Sud120 208,111
541 (Hosp. Pharm. Residency)	Dept.appr.	5		Staff	Sud120
551 (Pharm. Chromatography)	Dept.appr.	3	1:30TTh,+3hrs.a	rrgt.VincentSd	
598 (Grad. Seminar) 599 (Thesis & Research)	Dept.appr. Grad.Stg.	1		Staff Staff	Sud120
PHARMACY ADMINISTRATION	orad.beg.		by alige.	Scall	Sud120
240 (Pharm. Accounting)	Econ.250	3	9:30MW	Haakenson	Sud208
-Sec A			9:30-11:20T		Sud215
-Sec B	01 0		9:30-11:20Th		Sud215
335 (Prof.&Public Rel.) 450 (Pharmacy Momt.)	Soph.Stg.	2		Haakenson	Sud224
450 (Pharmacy Mgmt.)	Ph.Ad.240	4	1:30MTWF	Haakenson	Sud224