



You'll find it all in the new bulletin

Even though the new 1988-89 Extension Classes Bulletin is over 600 pages long, finding the courses or information you need isn't difficult if you follow some of the guides provided.

First of all in the course offerings section, there are many cross references for courses on related topics offered by different departments. Courses are listed in the course offerings section alphabetically by department name. Summary listings under topics such as health, business, and education help direct you to specific departments with the courses you want, too.

The comprehensive index at the end of the bulletin features many single entries as well as broad topical lists such as photography, career-related courses, environmental and energy courses, statistics, and many more.

Page references, especially for important procedural or policy matters related to registration, course information, symbols, or degree requirements are included throughout the bulletin.

See also the list of helpful telephone numbers on the inside front cover and the table of contents for an overview of the bulletin's arrangement.

Each month in **Info**, watch for the "bulletin changes" section that gives important course corrections and additions.

Noncredit Programs

The noncredit learning opportunities from Extension Classes are highlighted in the bulletin with a purple bar in the margin. This section includes college-level

continued page 3

See fall registration dates, page 3

Experience . . . the best teacher

Extension students bring plenty of experience—and motivation—with them to class every evening.

They're people like you, who work during the day in business, government, and at home but invest in themselves and

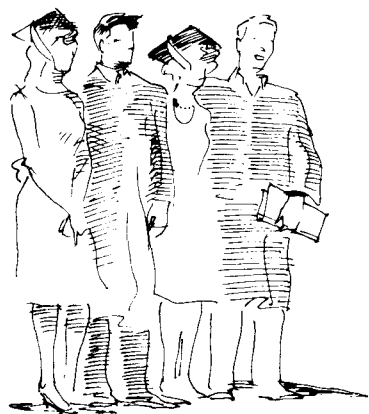
their futures by taking college courses to advance careers and finish degrees.

Most of you (but certainly not all) have been to college before. You have experience in the classroom as well as the working world, and for many of you that makes your current education all the more valuable.

You don't have to be in a degree program to take Extension classes. But if you want a degree, more than 25 majors or degree options are available through evening attendance. And there's free professional program and financial aid advising to help you get started—and finish.

Registration information and details on student services and learning opportunities are featured in this issue of **Info**, but be sure to look through the new 1988-89 Extension Classes Bulletin that describes all the possibilities available to you through Extension at the University of Minnesota.

Call 624-2388 to request a bulletin or registration forms.



A celebration: 75 years of CEE

Several fall events are planned as part of the recognition of the 75th anniversary of Continuing Education and Extension.

An old-fashioned Chautauqua is scheduled for Oct. 4 featuring refreshments, a brass band, and a performance by Jane Curry as Samantha, a turn-of-the-century character who offers her outlook on people and the world in a humorous and often pointed vein. Call 625-0727 for information.

A national academic colloquium, **The Land Grant Tradition in Higher Education**, will be offered Oct. 13-14 at the Hubert H. Humphrey Institute of Public Affairs.

Special 75th anniversary tuition scholarships (three at \$1,000 each) will be awarded from the Dean's Fund to meritorious and deserving students.

Distinguished Teaching Awards also will be instituted to recognize outstanding teachers in Continuing Education and Extension. Recipients will be announced later in the year.

7 5 Y E A R S



Weekends were made for learning

Combine a little bit of travel with a lot of learning and you have weekenders, a close-to-home option from Study and Travel Adventures.

Fall weekenders, described below, focus on a particular topic (or two) and offer scholarly pursuits in a congenial, relaxing way.

They're led by University instructors, they're affordable, and they're limited in group size, so call now for more information: 624-3300.

STA 0800 Ojibwa History and Ricing: A Visit to Leech Lake Indian Reservation (Sept. 9-11). Learn about the history of the Ojibwa through discussions with them; visit a Midewiwin, a Grand Medicine burial site; watch the wild rice harvest in progress; try a dinner featuring typical Indian food; stay at a beautiful lodge on the south shore of Leech Lake. Led by Ron Libertus, lecturer in American Indian Studies. Cost \$169; includes three nights lodging, eight meals, instruction, materials, pre-trip lecture.

STA 0801 Minnesota Outdoors: A Weekend Excursion to Itasca (Sept. 30-Oct. 2). Enjoy the fall colors and pine woods on the shores of Lake George and nearby Itasca State Park. Explore a variety of forests and habitats, emphasis on natural history; photographic opportunities. Cost \$115; includes two nights lodging, five meals, pre-trip lecture.

Later this year: winter photography/dog sled adventure (Voyageur's National Park); images of women (Wilder Forest); spring wildflowers (Wilder Forest); women's relationships (Wilder Forest); Scandinavian cultural influences (southern Minnesota and Iowa).

Returned checks yield penalties

Effective July 1, 1988, the University increased the check-handling charge from \$10 to \$15.

All checks returned by banks for any reason—including insufficient funds, closed account, and stop-payment orders—will be assessed this fee.

Students liable for this charge will have a hold placed on their records until the fee is paid.

Added class

TexC 3647 Retail Occupational Search, 1 credit, \$61.50. Development of employment search techniques to identify and locate specific retail and related employment opportunity. S/N only. Prereq senior, 400 hours work experience. Fall quarter, sec 1, Th, 6-6:45 p.m., McNH 470.



Ron Libertus will lead a weekend Study and Travel Adventure to Leech Lake to study Ojibwa customs and the growing and harvest of wild rice.

New Management Sciences courses touch all the (data)bases, and more

New introductory and survey courses from the Department of Management Sciences provide a fresh and organized examination into the use of computers and information systems in organizations and the process of integrating information systems into an organization's goals.

"The courses are an excellent means for students without extensive computer experience to learn more about how computers function in business, especially in the decision-making process and in meeting objectives that require using information systems," says Management Sciences extension coordinator Ron Kleitsch.

Course topics, procedures, and texts were selected based on criteria non-computer professionals need in today's computerized world, according to Kleitsch. The courses were developed by Doug Lund of the Department of Management Sciences; Nancy Johnson,

assistant vice president, First Bank System; and Steven Feldman, senior partner at Data Guidance Company.

The new courses supersede or replace several former courses, including MIS 3100, 3101, 3300, and 5101. Descriptions are included here; see the bulletin for more information (page 316). Credit earned in these courses does not apply to the B.S.B. degree. (Consult with an Extension adviser if you have questions about course and credit requirements.)

MIS 3001 Computers and Information Systems for Non-Computer Professionals, 4 credits. Introductory course intended for managers and work professionals for whom computing has become a part of the work environment. Topics: effective use of computing resources, new technologies on traditional information systems, overview of the information system development process. Offered all quarters.

MIS 3002 Fundamentals of Management Information Systems, 4 credits. An overview of MIS. Conceptual foundation of MIS including: concepts of information, humans as information processors, system concepts and information systems, management and organizational concepts relevant to MIS, decision-making concepts and the value of information for decision making. The structure of an MIS; development, organization, management, evaluation. Emphasis on the user/system interface. Offered all quarters.

Fall terms start in midweek

The first day of instruction for regular quarter classes is Sept. 22, a Thursday. Fall quarter classes that meet on Friday, Saturday, Sunday, Monday, Tuesday, or Wednesday will start Sept. 23 through 28 respectively.

Fall registration

Registration for fall classes begins in just a few weeks. Dates and procedures are outlined here, but be sure to refer to the new 1988-89 Extension Classes Bulletin, pages 10-13 and 20-25, for complete information.

MAIL REGISTRATION

August 15 to September 14: Registration forms with checks will be accepted by mail at 101 Wesbrook Hall for limited and nonlimited-enrollment classes. To request registration forms, call 624-2388.

Students must include a separate check for each limited-class registration;

nonlimited classes may be paid for with one check.

Fill out the registration form completely. Social security numbers and birth dates are required for coding purposes.

Registrations are processed daily; early registrations (received before Aug. 15) will be returned to the student.

If your limited class is closed, your registration form and check will be returned. If there is an acceptable alternative section or course you want, include an alternate choice form or a note giving your second and third choices.

IN-PERSON REGISTRATION

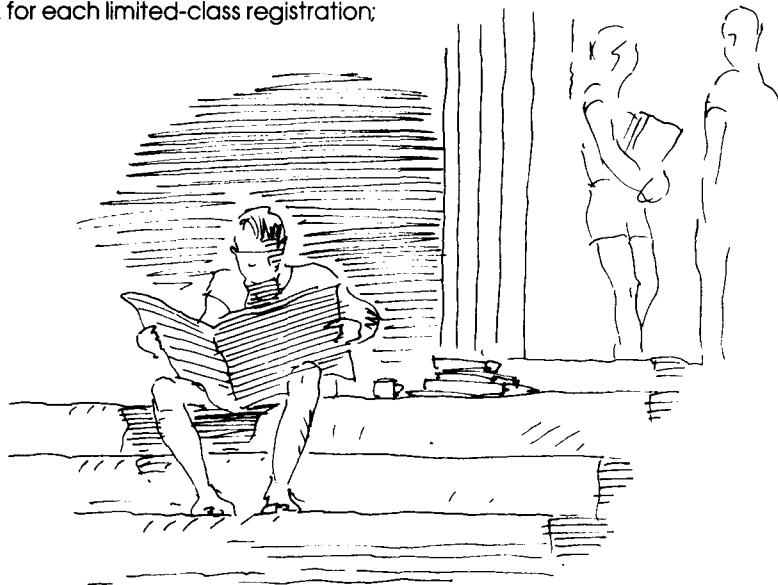
September 6-14: Registrations will be accepted at 101 Wesbrook Hall on the Minneapolis campus; at 130 Coffey Hall on the St. Paul campus; at the MacPhail Center, 1128 LaSalle Avenue, downtown Minneapolis; or at the downtown St. Paul registration booth in the Norwest Center, Fifth and Minnesota. See page 11 in the bulletin for registration hours. All registration offices are closed weekends.

If you reserve space in a limited class during in-person registration, you must pay tuition by the last day of the regular registration period (Sept. 14); otherwise, you forfeit your space in class.

Off-campus classes: Students should register by mail for classes held at neighborhood centers. **In-person registrations are not accepted at these school locations.** Extension classes are held at Richfield High School and Roseville Area High School-West Campus. Registration materials are available during regular business hours at school district education centers listed on page 25 in the bulletin.

September 14 is the last day to register without a late fee for most fall quarter and fall semester classes.

Fall classes begin Sept. 22.



new

from page 1

noncredit courses offered through the Compleat Scholar; the weekend and longer study tours through Study and Travel Adventures; and Research Explorations, the program that invites volunteers to work with University researchers in projects both in the field and in the laboratory.

Registration and procedures

After the bulletin was printed, the check-handling fee was raised from \$10 to \$15. If a check is returned for any reason, a hold will be placed on your records and the \$15 check-handling fee must be paid before your records will be released. Do not stop payment on a check if you decide to cancel classes. You must cancel classes officially and within specified dates each quarter. See the bulletin, page 56, for a complete description of cancellation policies and procedures.

The refund policy differs between Extension and day school. If you register for day classes (those listed in the day school quarterly class schedule) through Extension

(a joint Day/Extension registration), a different refund schedule applies to your registration. See page 58 for details.

Degrees and certificates

Changes in degree and certificate requirements, policies, and availability occur often, especially as course offerings change. If you are admitted to a degree or certificate program, or plan to apply for one, check with an adviser about any changes. Call the Extension Counseling Office, 625-2500, for information.

Some Extension certificates have been or are being phased out (some announced last year). They include the early childhood studies certificates, the general studies certificate, the information systems analysis and design certificate, the interior design certificate, and real estate. A moratorium on admissions applies to the graphic design/commercial art certificate and the undergraduate development certificates in electrical engineering. Check with an adviser if you are enrolled in these certificate programs and are unsure of your status.

Certificates in business administration and accounting have been reorganized into Level I and Level II undergraduate development certificates with better distinction made between requirements and potential applications for the credential.

For more information about degrees and certificates, consult with an adviser at the Extension Counseling Office, 625-2500.

Other changes

The Department of English now distinguishes writing courses from the literature courses with a new designator, EngW, for courses in the Creative and Professional Writing program.

No classes are scheduled at Robbinsdale/Cooper High School in 1988-89.

The new Electrical Engineering and Computer Science Building (abbreviated EE/CSci) will open to classes this year. Intermedia Arts is the new name for UC Video, where video production classes in Studio Arts meet; location is 425 Ontario Ave. S.E.

Arts in the community tied to new classes

Combining college-level study with cultural events is a key strength of the Complete Scholar program, the noncredit curriculum from Extension Classes.

The adaptability to respond to community resources benefits students, according to Susan Lindoo, director of Continuing Education for Women. "When the Walker Art Center exhibits Japanese art, such as its 'Tokyo: Form and Spirit' show two years ago, we can cooperate with them to build a course around it," she says.

And instructors agree. "The fact that I gave the lectures in the art institute, using the artifacts available, made them much better than using audio-visual materials," says philosophy professor and chair Marcia Eaton of her noncredit course. "Seeing the real thing, instead of slides, was a part of every class."

Several courses this fall focus on the exhibits or permanent collections at local galleries and museums. See the Complete Scholar section of the bulletin for complete course descriptions.

CSch O143 Survey of Contemporary Art: The Impact of Abstractionism: European Modernism. Through the works of influential European masters such as Paul Cezanne, Vincent Van Gogh, Pablo Picasso, Marcel Duchamp, and others, trace the development of abstraction and the social events that influenced art in early 20th-century Europe. Meets at the Walker Art Center, Fridays, 10:30 a.m.-12:30 p.m., Oct. 7-Nov. 11.

CSch O149 Sweden's Age of Greatness, 1560-1718. The social, economic, administrative, and other factors that contributed to Sweden's rise in power and stature and amassing of a royal

treasury, displayed at the Minneapolis Institute of Arts exhibition, "Sweden: A Royal Treasury, 1550-1700." Meets at the Minneapolis Institute of Arts, Tuesdays, 10:30 a.m.-12:30 p.m., Oct. 11-Nov. 1

CSch O150 New Directions in American Abstract Painting. Many American artists are reinterpreting the abstract tradition, long considered the quintessential modern art form. Given in conjunction with the Walker Art Center's presentation of The Museum of Modern Art's exhibition "Frank Stella, 1970-87." Meets at the Walker Art Center, Thursdays, 5:45-7:15, Oct. 20-Nov. 17.

CSch O170 Her Works Praise Her: Inventions by Women. An exhibit of inventions by women at the Goldstein Gallery in McNeal Hall. A review of the creative process, personal creativity, women's special contributions. Meets at McNeal Hall, St. Paul campus, Mondays, 6-8, Oct. 3-Nov. 7.



Earl Jackson, Jr., leads discussion in a noncredit class at the Walker Art Center's 1986 exhibit "Tokyo: Form and Spirit."

Neighborhood classes can be convenient

Try a class near home or work. Several Extension evening classes are scheduled at Roseville Area High School and Richfield Senior High School this year.

Fall classes are listed below. See the course descriptions in the bulletin for day and time information. These classes have limits on enrollment, so early registration by mail is recommended. **In-person registrations are not accepted at neighborhood centers.**

Roseville Area High School

BLaw 3508 Business Law
Comp 1011 Writing Practice
Engl 1016 Introduction to American Literature
GC O631 Intermediate Algebra
GC 1111 Weather and Climate
Math 1111 College Algebra and Analytic Geometry
Math 1201 Pre-Calculus
Math 1211 Calculus I
Psy 3604 Abnormal Psychology
Econ 1101-1102 Principles of Economics (semester)

Richfield Senior High School

Comp 1011 Writing Practice
GC O631 Intermediate Algebra
IR 3002 Personnel and Industrial Relations
Mktg 3000 Principles of Marketing
Math 1111 College Algebra and Analytic Geometry
Math 1201 Pre-Calculus
Math 1211 Calculus I
Psy 1001 Introduction to Psychology
Spch 1101 Oral Communication
Econ 1101 Principles of Economics (semester)

UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO (USPS 711-240)

Registration Office: 101 Wesbrook Hall
Telephone 625-3333

Charles R. Cheesebrough
Editor

Info is a newsletter for University of Minnesota Extension Classes students published 9 times a year - August, September, October, November, December, January, February, March, and April-May-by the Department of Extension Classes, University of Minnesota, 180 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, Minnesota 55455. Second Class Postage Paid, Minneapolis, Minnesota. POSTMASTER: Send address changes to Info, Extension Classes, University of Minnesota, 180 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.

Students are encouraged to submit editorial opinions to the department. For address changes and name removals, see the instructions on the mailing panel.

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, religion, color, sex, national origin, handicap, age, veteran status, or sexual orientation.

The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.

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Advising and financial aid

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Need assistance with registration for fall quarter? Advisers and counselors at the Extension Counseling Office are available to help you.

While fall quarter registration is the busiest time of the year—and detailed advising and transcript evaluation may have to be postponed until later in the fall—advisers can assist with course selection, registration, and other procedures for enrollment in Extension classes.

For your convenience, advisers can answer many of your questions by telephone (phone lines are very busy in August and September, so be patient).

The counseling office also offers a weekly "How-To-Register" workshop on Monday evenings, 6-7:30 p.m. Call 625-2500 for more information and assistance.

ask the adviser . . .

Important or frequently asked questions (and answers) from the Extension Counseling Office.

Dear Adviser: I'm going to be scheduling an advising appointment in the near future. What should I bring with me so I can get the most from an advising session?

The adviser replies: Being prepared in advance can indeed make your visit with your adviser more productive. If you need to find out what transfers from another college, make sure to bring all transcripts. It is the only way we can begin to determine what requirements at the University have already been met with previous college work and steer you away from duplicating a requirement you've already fulfilled.

It is also very helpful if you bring a list of questions for your adviser. Take a few notes if it will help you remember the important points later, or ask your adviser for written materials or notes for future reference.

Get your adviser's name and phone number for any follow-up questions and agree upon a time in the future to meet again. I like to see my advisees at least once during the academic year and also any time they feel the need to check back.

Do you have a question for the adviser? It can be answered either in this column or with a personal letter. Write to:

Ask the Adviser
Extension Counseling Office
314 Nolte Center
315 Pillsbury Drive S.E.
Minneapolis, MN 55455
(612) 625-2500

Plan ahead with this workshop

The popular educational planning workshops offered by the Extension Counseling Office resume this year in September.

The workshop helps current or prospective students in the complex task of identifying educational options that fit with personal and career goals. Participants explore their interests, values, personal characteristics, learning styles, and basic learning skills. They also will identify the

supports and obstacles to their educational development. Students will learn how to apply this information about themselves in educational planning and decision making.

The six-session workshop meets Wednesdays, 6-8 p.m., Sept. 21 to Nov. 2. Cost is \$85. For further information, contact Avelino Mills-Novoa at the counseling office, 625-2500.

Certificate changes in EE, design

Important changes take effect for two Extension certificate programs this fall.

A moratorium has been placed on admission to the Graphic Design/Commercial Illustration certificate. The Department of Design, Housing and Apparel and CEE are currently in the process of reviewing the certificate. Students presently in the program will have an orderly progression of classes until the certificate is completed (a three-year time is anticipated). Currently enrolled students will have three years to complete required courses (through spring quarter 1991). New students may take classes in graphic design but will not be certified. For information, contact Extension Counseling at 625-2500.

A moratorium has been placed on admission to the Undergraduate Development Certificates in Electrical Engineering; the certificate is under review by CEE and the Department of Electrical Engineering. Students presently in the program may continue to register for courses. For more information on the status of the program, contact the Extension Counseling Office, 625-2500.

B.S.B. student advising hours

Academic advisers from the Carlson School of Management are available Monday evenings, 4:30-6, for advising appointments. These hours are primarily for students who are admitted to the School of Management and are completing course work through Extension. Contact the Carlson School of Management, Undergraduate Advising Office, 290 Humphrey Center; 624-3313.

Learn about day classes open to Extension students

Students interested in registering for day classes through Extension (a joint Day/Extension registration) may attend information sessions scheduled later this month.

These sessions, offered jointly by the Extension Classes registration office and the counseling office, will cover specifics on how to register for daytime classes as an Extension student and important details regarding admission, financial aid, residency requirements, and other policy issues.

For more information about time and location, or to sign up, contact Extension Counseling, 625-2500, or the registration office, 625-3333.

Financial aid

A free workshop on financial aid options will be offered by the Extension Counseling Office on Wednesday, Aug. 31, 6-8 p.m., 235 Nolte Center, on the Minneapolis campus.

If you would like to attend this workshop, contact the Extension Counseling Office, 625-4334. Space is limited.



Info (USPS 711-240)
 Extension Classes
 University of Minnesota
 180 Westbrook Hall
 77 Pleasant Street S.E.
 Minneapolis, MN 55455

To correct your name or address on our lists, send the entire address panel and mailing label from your **Info** to Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.



Second class postage paid, Minneapolis, Minnesota

How to get started in college

Sometimes the most troublesome part about beginning college is fear of the unknown—not knowing what to expect in classes, or what courses to take, or what degree options exist.

If you're not sure where to start, plan to attend the free back-to-school workshop on Thursday, Aug. 11, 6-9:30 p.m., at the Earle Brown Continuing Education Center on the St. Paul campus.

The atmosphere will be informal with plenty of time for discussion and explanation.

A counselor from the Extension Counseling Office and a tutor from the Reading and Writing Skills Center will lead the program.

You will find answers to questions about courses, degrees, certificates, financial aid, and other student services. You also will learn about educational opportunities in Extension evening classes, registration in day classes, courses by correspondence or radio and television, and other learning options.

If you are not confident about how to study or what college work includes, you can find out what kind of help you need and learn about free tutoring and help with study skills.

Free parking is available in public parking lots adjacent to the Earl Brown Center.

Call 624-2388 to add your name to the registration list for this free workshop and to receive a schedule and a map.

Don't miss the ticket kickoff

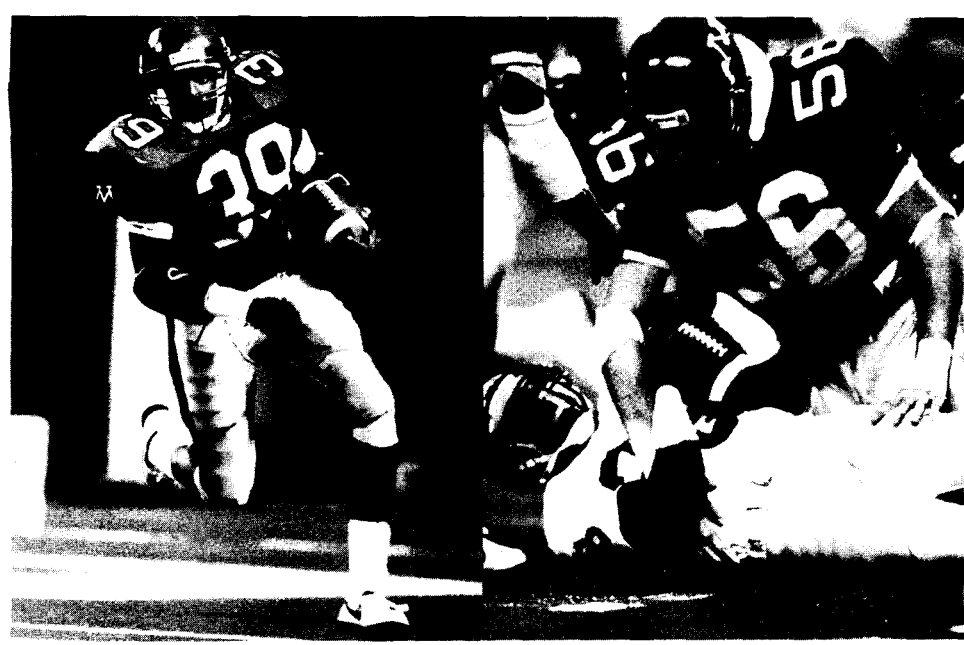
The Metrodome is the place to be on Saturdays again this fall as Gopher football returns. Running back Darrell Thompson will lead the offense, linebacker Jon Leverenz anchors the defense.

You can be part of the action. Extension students who register for three credits or more this fall are eligible to purchase season football tickets at student rates (seven games for \$45.50). The seating is reserved for each game, and a guest adjacent season ticket may be purchased for the same price.

University football games at the Metrodome this year include contests against Washington State, Miami of Ohio, Northern Illinois, Northwestern, Ohio State, Illinois, and Iowa.

Since proof of enrollment is required to pick up tickets, students should wait to register in person (opens Sept. 6) and pay fees immediately so they have the receipted fee statement to present when obtaining tickets (available that same week, Sept. 6-9). The first game is that Saturday, Sept. 10, against Washington State. Most games will be Saturday evenings.

For more information about tickets to women's intercollegiate sports and other men's sports, see the bulletin, pages 531-532.



Junior running back Darrell Thompson is a potential Heisman Trophy candidate; linebacker Jon Leverenz, a punishing hitter, will lead the Gopher defense.

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INFO

A Newsletter for Continuing Education and Extension Students

Financial aid for part-time students

Financing an education can stretch many student budgets beyond their limits. If you need assistance with educational costs, there are a number of resources for part-time or full-time enrollment. Many programs will remain open well into the academic year.

Grants and scholarships are the most desirable types of financial aid because recipients are not required to repay them. Pell Grant, Minnesota State Scholarship and Grant, Minnesota Part-Time Student Grant, Tuition Assistance Program, and several CEE scholarship programs will accept applications throughout the academic year. The Minnesota Part-Time Student Grant Program offers the most comprehensive funding; awards include tuition and fees, books and supplies, transportation, and child care costs, if applicable.

Loans will also be available throughout the academic year. Loans must be repaid, and interest rates and repayment terms vary by the type of loan. Stafford Loan (formerly Guaranteed Student Loan), which is the largest of the loan programs, currently has an eight-percent interest rate. Repayment begins six months after the borrower leaves school or drops below half-time enrollment.

Most financial aid programs require admission to a degree or certificate program. Students are encouraged to

inquire about admission and financial aid concurrently.

For additional information, contact CEE counseling, 314 Nolte Center, 625-4334.



Financial aid workshop

A free financial aid workshop will be offered by the Extension Counseling Office on Thursday, Sept. 22, 1988, in 235 Nolte Center on the Extension campus.

Topics include types of financial aid available, general requirements, major sources of aid, and information walk-through. Information to conduct a financial aid search, academic progress, and a question-and-answer session.

If you would like to attend, contact the counseling office. Enrollment is limited.

75th anniversary scholarships

Three tuition scholarships of \$1,000 will be awarded this October to outstanding Extension students. Applications are available now.

The scholarships from the Dean's Fund are part of the 75th anniversary of Continuing Education and Extension. Awards will be based on academic ability, previous enrollment in CEE, and applicants' statements on personal, educational, and career goals.

Application forms and information are available from the Extension Counseling Office, 314 Nolte Center, 625-4334.

Honors courses challenge Extension students who excel

If you're an Extension student with a 3.50 or higher grade-point average, you're invited to apply for Honors Opportunities programs.

The program is designed to bring together the best Extension students and outstanding faculty.

Two Honors Seminars courses are scheduled evenings this year. This fall, Elizabeth Bellfiore, Associate Professor of Classical and Near Eastern Studies, will teach **HSem 3070 Saints, Sinners, and Madmen: Euripides and the Modern Theatre**. In the spring, history professor Clarke Chambers will teach **HSem 3040 The Sixties Revisited**.

See the bulletin, pages 286-287, for application information and complete course descriptions; special permission to register is required.

Education under the big top: Chautauqua, October 4

On Oct. 4, see how entertaining education can be. Come to a Chautauqua. Inspired in the 1800s, a Chautauqua was anything but dull. It was a festive, traveling educational show of plays, concerts, and lectures, designed to entertain and inspire creative teaching methods.

In fact, Chautauqua inspired the idea of lifelong education. So, to celebrate the 75th anniversary of Continuing Education and Extension, we're recreating a Chautauqua on campus.

The event is Oct. 4, starting at 11:30 a.m., under a big tent on the mall in front of Coffman Memorial Union. Included are a brass band (in period costume), free popcorn and drinks, and a feature presentation by Jane Curry, local monologist, in character as "Samantha," the humorous, observant 19th-century protagonist from a series of books by Marietta Holley. All free and open to the public.

Discover it

Satisfy your creative fancy with art courses from the Compleat Scholar.

You can study drawing, ceramics, sculpture, painting, and more in noncredit college-level courses that allow you to learn or improve technique and perfect style without the pressures of earning credit.

Compleat Scholar courses feature fewer meetings and lower costs than quarter-length credit courses. Several are scheduled on Saturday mornings. A partial listing of classes is included below; see the arts and humanities section of the Compleat Scholar listings in the bulletin, pages 457-473, or call 624-8880 for course descriptions.

CSch O131 Introduction to Drawing Mediums. Provides experience in a variety of methods from charcoal to ink; still life, outdoor drawing, museum visits, models. Materials cost approximately \$35. Meets F, 10:15 a.m.-12:45 p.m., Sept. 30-Nov. 18, Walker Library, 2880 Hennepin Ave. S., Minneapolis.

Minneapolis Campuses
 10 Mall
 University Archives

CSch O135 Beginning Sculpture and Casting Techniques. Introduction to clay, plaster, and concrete. Projects include making a low-relief wall piece, sculpting a head in clay, and casting in plaster or concrete. Bring two clay tools to the first class. Meets Sa, 9 a.m.-12 noon, Oct. 8-Nov. 5, ArtB 75.

CSch O119 The Art of Weaving. Basic techniques, simple patterns. Table and floor looms, various fibers. Students weave several samples. Meets Sa, 9-11:30 a.m., Oct. 1-Nov. 19, WullH 110.

CSch O121 Studio Art Painting in Oils and Acrylics. Emphasis both on enjoyment and technique. Classes encourage personal ideas and improving skills. Bring a sketch pad and pencil to the first class. Meets T, 6:30-9 p.m., Oct. 4-Nov. 22, ArtB 151.

Later in the year, classes include:
CSch O132 Introduction to Printmaking (winter; meets Saturdays)
CSch O133 Introduction to Ceramics (spring; meets Saturdays)

CSch O120 Basic Creative Drawing (spring)
CSch O122 Painting in Watercolor (spring)

Plus photography courses each term including introduction to cameras, basic photography (beginning and advanced beginning), and outdoor photography in the spring.

Course costs depend on college, credits, level

Tuition for Extension classes varies by course level and the per-credit rate of the college offering the credits.

The tuition rate times the number of credits the course carries—plus any course fees or special fees—determines the course cost.

All 1000-level courses, regardless of college, are \$44.25 a credit. Certificate credit courses, entrance-credit courses, and most other 0000-level courses have tuition computed at this rate, also.

For 3000- and 5000-level courses, the following per-credit tuition rates by college are used (rates subject to regents' approval).

General College	45.75
Liberal Arts	46.25
Management	54.00
Institute of Technology	56.75
Education	59.25
Home Economics	61.50
Biological Sciences	62.25
Public Health	62.75
Agriculture	65.00
Pharmacy	63.25
Forestry	69.50
Nursing	65.00
Veterinary Medicine	86.50
Medical School	86.50
Graduate School	105.00

Courses in Food Science and Nutrition are \$63.25 a credit, a cost prorated on tuition rates for the colleges of Home Economics and Agriculture.



UNIVERSITY OF MINNESOTA EXTENSION CLASSES

Registration Office: 101 Westbrook Hall
 Telephone 625-3333

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The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.

Know thyself: counseling and testing services

Individual counseling is available through the Extension Counseling Office for current and prospective CEE students who want assistance in identifying career and educational options. Testing for assessment of students' interests, values, and personal characteristics for career and education planning is offered as part of this counseling process. A fee for these testing and counseling services is required. Call 625-2500 for more information or to schedule an initial counseling interview.

Student board setting course for 1988-89

The Extension Classes Student Board is combining efforts with the CEE Development Office and the Extension Counseling Office to help raise scholarship funds for Extension students.

In 1988-89, the board will review fund raising options and begin to help build the Nolte Fund, a scholarship program directed solely at Extension students, especially

those who might not qualify for traditional financial aid programs.

At the annual student board recognition dinner in June, several board members from last year were awarded citations for their service: Karin Alexander; Solome Haile; Gladstone Natala; Kara Sandin, vice chair; Gregory Sheehy; Tom Sommerfeld, secretary; and Linda Sullivan,

chair. (Newly elected senators and alternates also attended the organizational meeting; a complete listing of senators, alternates, and appointees to the student board will be included in **Info** later this term.)

The student board has been active in recent years in reviewing the role of CEE in Commitment to Focus, availability of services and programs to evening students, campus security and self-defense clinics for women, and other issues important to Extension and part-time students. Call 624-3300 if you are interested in attending a board meeting or seeking appointment to the board.



Last year's Extension Classes Student Board. From left, seated: Kara Sandin, Karin Alexander, Linda Sullivan, Greg Sheehy. Standing: Tom Sommerfeld, Gladstone Natala. Not pictured: Solome Haile.

Architecture course added

Arch 5950 Topics in Architecture: Climate Responsive Architecture, 4 credits, \$227 (plus any course fees or special fees). Role of climate as a context for architectural form and thought. Issues of thermal comfort, synthesis and energy in architectural design in relation to cycles of temperature, humidity, wind, and solar radiation. Investigation of specific buildings/site designs through graphic analysis, physical modeling, computer simulation, and writings of the architect. (Prereq Arch major, 3083, 3064 or permission. Limit 20) Fall quarter, sec 1, Th, 5:15-8:30, room arr, Susan Ubbelohde.

bulletin changes . . .

Room changes will be posted in the classrooms

COURSE	CHANGE
ArtS 1602, sec 1	Change to M
CDIs 5611, sec 1	Change to TTh
CSci courses	Added limits: The following Computer Science classes have strictly enforced enrollment limits of 44 students: 3101, 3104, 3107/5101, 5107, 5121, 5301, 5400, 5511.
Dsgn 3545, sec 4	Added section: Fall quarter, sec 4, MW, 6:15-8:30, McNH 69, StP.
Dsgn 3552, sec 1	Change to Sa, 9:30 a.m.-1:30, McNH 69, StP
BFin 3500, sec 1	Change to W, BlegH 150
CEBS 0002C, sec 1	Change title to Retirement Plans: Basic Features and Defined Benefit Approaches
Hebr 3011, sec 1	Added course: Hebr 3011, Intermediate Hebrew , 5 credits, \$231.25. Fall quarter, sec 1, TTh, 7-9, AkerH 313.
Hist 3861, sec 1	Canceled
Mgmt 5101, sec 1	Change to M, BlegH 350, Faranda
Mgmt 5101, sec 4	Change to T, 4-7, Phys 143, Shapiro
PMed 5814, sec 1	Change to \$65 a credit
PMed 5817, sec 1	Change to \$65 a credit
PubH 5710, sec 1	Canceled
Span 1103, sec 20	Added section: Fall quarter, sec 20, MW, 6:10-8:15, VinH 364.
TexC 3647, sec 2	Added section: Fall quarter, sec 2, Th, 6-6:45, McNH 470, StP.
WoSt 3205/5205, sec 3	Change to 6:10-9:10

College planning starts with you

Inquire now about the upcoming educational planning workshop sponsored by the Extension Counseling Office. The next workshop begins Sept. 21.

The workshop helps students identify educational options that fit their personal or career goals. Participants explore their interests, values, personal characteristics, learning styles, and basic learning skills. They also will identify the supports and obstacles to their educational development.

The six-session workshop meets Wednesdays through Nov. 2, 6 to 8 p.m. Cost is \$85. For more information, contact Avelino Mills-Novoa at the counseling office, 625-2500.

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Register now for fall classes

You can still register for fall term Extension classes.

Registration by mail started Aug. 15 and continues through Sept. 14. In-person registration is Sept. 6-14 at the locations listed below.

101 Westbrook Hall—Minneapolis Campus. Register in person at 101 Westbrook Hall between 9 a.m. and 8 p.m. (except for Friday, Sept. 9, when the office closes at 4:30 p.m.).

130 Coffey Hall—St. Paul Campus. Registrations and tuition checks for limited-enrollment classes only accepted 9 a.m. to 4 p.m.

MacPhail Center, 1128 LaSalle Avenue—Downtown Minneapolis.

Registrations are accepted at the MacPhail Center office between 9 a.m. and 8 p.m. (except for Friday, Sept. 9, when the office closes at 4:30 p.m.).

St. Paul Registration Booth, Norwest Center, Fifth and Minnesota—Downtown St. Paul. The registration booth is on the skyway level and is open from 9 a.m. to 5 p.m.

All registration offices are closed weekends.

Students are urged to register early and to pay tuition with a personal check

or money order. The St. Paul registration booth cannot accept cash.

Registration in Extension classes is on a first-come, first-served basis. Some high demand classes or certain sections of them have already filled. Register as early as possible.

The last day to register without a late fee is Sept. 14 for most classes.

If you miss the Sept. 14 deadline, you can register by mail with a \$5 late fee on Sept. 15 and 16. Late registration in person resumes on Sept. 19 and continues through the first week of classes with the \$5 late fee.

See page 11 in the bulletin for office hours during late registration. See page 27 in the bulletin for office hours once classes have begun (Sept. 22).

Campus safety measures include security escorts, better lighting

University offices and agencies concerned with campus security provide several services and have instituted new measures to insure safety of students, especially in the evenings and in parking areas.

You can call 624-WALK to request a campus security escort (a service of the University police department). Escorts will walk with you from University buildings to parking lots or bus stops. Security escorts are always available evenings and weekends during the regular academic quarter on all campuses—East Bank, West Bank, and St. Paul. Campus phones (free) are located at the entrances of most buildings.

Shriek alarms are available from ramp attendants at the following locations: Harvard Street Ramp, Washington Avenue Ramp, West Bank Ramp, Mayo Garage, Coffman Union Garage, Nolte Garage,

East River Road Ramp (level 4), Church Street Garage/Ramp, and the Oak Street Ramp. You request an alarm as you enter and turn it in when you leave.

Additional lighting improvements totaling \$500,000 will be implemented this year throughout the parking facilities system. The parking ramps constructed in recent years—West Bank, Harvard Street, Church Street—were designed with video cameras, high-pressure sodium lamps, and glass stair and lobby enclosures. Several older ramps have been re-lit and painted to make them much brighter.

The Extension Classes Student Board has been active in promoting campus security for several years. Included in their efforts is a free self-defense class for women, tentatively scheduled for a Saturday afternoon in early November. Watch for an announcement in **Info** and the **Minnesota Daily** later this fall.

Phase-out continues for information systems certificate program

The Information Systems Analysis and Design Certificate program has been discontinued since July 1986. Students admitted to the program are strongly encouraged to complete course work for this certificate during this academic year.

Many courses are being discontinued or replaced or changed so that they will no longer satisfy certificate requirements after this year.

Students with questions or concerns regarding their completion of the certificate may contact Teresa Miller or Nancy Gonzales in the Extension Counseling Office, 625-2500.



Info (USPS 71-240)
 Extension Classes
 University of Minnesota
 180 Westbrook Hall
 77 Pleasant Street S.E.
 Minneapolis, MN 55455



To correct your name or address on our lists, send the entire address panel and mailing label from your **Info** to Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.



Samplers—lots of learning for a dollar

Sampler lectures offer a little class—one evening's worth—for just a dollar.

For that dollar you get a presentation by an expert, offering insights into topics of interest to almost everyone (listed below).

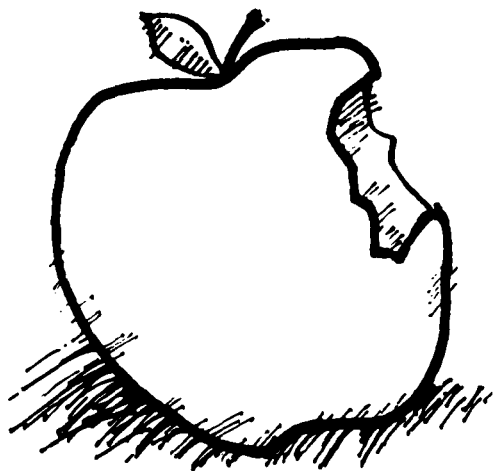
Admission is \$1 payable at the door; no advance registration is necessary. Persons 62 and older are admitted free.

All Samplers begin at 7:30 p.m. and are held at the Earle Brown Continuing Education Center on the St. Paul campus. Free parking is available in lots adjacent to the building.

Sampler announcements are issued twice a year. To be placed on the Sampler mailing list, call 624-1883 (birth date required for coding purposes).

Toward a History of the Idea of Trauma (Oct. 3), Nancy Kobrin, Director of Graduate Studies, Department of Comparative Literature.

The Morality of Investigative Journalism (Oct. 12), Theodore L. Glaser, Associate Professor of Journalism and Mass Communication.



Genetic Engineering: Future Promise/ Present Problems (Oct. 18), Irwin Rubenstein, Professor, Department of Genetics and Cell Biology, and director of the Plant Molecular Genetics Institute.

Personality and Stress Interactions in North Pole Expedition Team Members (Oct. 26), Gloria Leon, Professor of Psychology.

Dispelling Myths and Applying Models: Completing a Career Transition (Nov. 1), Kevin Nutter, counselor, General College Career and Personal Development Center.

America's Northern Heartland: The Remarkable Evolution of the Upper Midwest Region (Nov. 10), John Borchert, Regents' Professor of Geography.

Beneficial Interactions Between Fungi and Higher Plants—Mycorrhizae (Nov. 15), Iris Charvat, Associate Professor, Department of Botany.

Pilgrimage Churches of Southern France: An Illustrated Lecture (Nov. 21), Calvin Kendall, Professor of English.

Strengthen your college skills

One of the principal opportunities available through Extension is the chance for people unsure of their academic abilities to prove they can do college work.

The University Access courses in Compleat Scholar are short-term noncredit courses designed to help students perfect study and learning skills. (Financial aid may be available for these courses; contact the Extension Counseling Office.)

New for fall is **Strategies for Objective and Essay Exams** (CSch 0906), which covers types of exams, different ways of studying for them, and test-taking strategies. Meets Oct. 24 and 31; see page 512 in the bulletin or call 624-8880 for registration materials.

In the winter, new courses include **CSch 0907 Understanding Your Learning Style: An Aid to Efficient Studying** (another two-session short course) and **CSch 0918 Introduction to Academic Writing**, a comprehensive review, offered in a supportive atmosphere, of expository writing techniques and writing for college courses (8 meetings).

Other noncredit Compleat Scholar courses in study skills include **Grammar Refresher** and **How to Prepare for Graduate Admissions Tests** as well as math skills development and basic statistics.

In addition, many more regular-term classes, both credit and noncredit, cover study skills, efficient reading, mathematics and algebra review, and writing. See page 551 in the special pages section of the bulletin. Or contact an Extension adviser at 625-2500 who can refer you to courses and tutorial help.

CSch 0162 day change

CSch 0162 Buried Cities of the Ancient Romans: Pompeii, Herculaneum has been changed to a Saturday morning meeting schedule. The class meets Oct. 15 and 29, 8 a.m. to noon, Earle Brown Center 52, StP campus. Call the Compleat Scholar, 624-8880, for a revised course description.

Free self-defense class for women

The popular self-defense class for women offered by the Extension Classes Student Board will be offered again this fall on Saturday, Nov. 12, 1-5:15 p.m., at Coffman Memorial Union, Mississippi Room.

Wear comfortable clothes and try to arrive a few minutes early. The program is free to all students. (Minimum age 16; no children, please.)

Parking is readily available in ramps on Washington Avenue and East River Road.

For information, call Extension Classes at 626-0214 or Linda Sullivan at 644-7815.

Study abroad: adventurous, affordable, academic

Live, learn, and earn University credit through the Global Campus, the study abroad program from Extension Classes.

According to Extension program director Al Balkcum, our increasingly complex and interdependent world has resulted in greater international awareness and new educational directions. "The University is responding with a renewed commitment to global education," he says. "Measures include internationalizing the curriculum, increasing the foreign language proficiency requirement, providing more opportunities for study abroad, and creating greater international research and study possibilities for students and faculty."

"Study abroad is the single most effective and dramatic experience students can have to broaden international and intercultural viewpoints," Balkcum says. And Global Campus students concur.

Adventurous

Through Global Campus programs, you can learn firsthand what life is like in an Eastern bloc country; spend a month in London collecting ideas and images and then settle into the Dorset countryside to write about them; or experience a unique opportunity as a member of a host family in Poland, Austria, France, or Mexico.

Study abroad makes a country's language, culture, and history come alive for you. Students say that experience is as enjoyable as it is valuable.

"I explored winding backroads, went to cafes, spent time studying and with the family eating dinners and writing letters. I went to the flea market on Saturdays, took two weekend trips, participated in the family goings-on, and just spent time alone walking," says a student in the French program at Montpellier, which includes a home stay with a local family.

And students are enthusiastic: "Anyone who is thinking about going should not wait. Go the next possible semester . . . you'll only regret not going earlier. Go for at least a whole semester, a year is better. That way you wouldn't have to leave when you are becoming a part of Toledo and Toledo is becoming a part of you," reports a participant in the International Program in Toledo, Spain.

Affordable

For about the same cost as tuition, room, and board attending the University here at home, you can spend a quarter studying abroad.

Most quarter-length programs are between \$1,900 and \$2,400, not including travel costs. Most include some group activities or field trips while in the

The Global Campus



country, and you can easily explore or arrange for more travel on your own.

In most cases, financial aid programs apply to Global Campus study abroad opportunities, also. Check with the Global Campus office, 625-3379, for details.

Academic

Global Campus programs are cosponsored by University academic departments. Several include University faculty who spend the term on site with the students.

In most cases, credits can be applied to distribution requirements, second language requirements, or major requirements for University degree programs. Participants need not be enrolled in a degree program at the University, however.

Once you apply and are accepted, orientation meetings with the instructors and staff help you prepare to live and to study in your host country.

Professors from overseas universities teach courses in conjunction with several programs and offer new insights. "The study program was just great, and the faculty at Marie Curie Sklodowska University was great, really cared, and taught me a lot," says one student from the Polish in Lublin program.

"The French professors not only discussed the particular topic, but gladly discussed other related topics of interest to the students. They had a wealth of information, were a joy to listen to, and we couldn't get enough of their teaching," says a Montpellier participant of the faculty at Universite de Paul Valery where classes were held.

And being immersed in another culture presents you with an education that goes beyond books and lectures, students say:

"I learned twice as much French in my 10 weeks in France as I did in four years in the States; the family stay was the main reason."

"Austria now has an identity for me, and a positive one, too. Before I didn't know much about it. I now understand more about the United States, about its size, and why Americans are the way they are."

See the listing below of programs and the academic topic they concentrate on. For more information and a brochure with complete descriptions of all programs, call 625-3379.

Global Campus Programs 1988-89

Spanish in Cuernavaca—Winter or Spring 1989: Spanish language and culture courses (14-15 credits). Students live with Mexican families as part of the program. Also offered fall; consecutive terms possible.

Literature in London—Spring 1989: Courses in drama, literature, multidisciplinary approaches to reading and study (12-14 credits). Six-day field trip to Shakespeare performances at Stratford-on-Avon.

French in Montpellier—Winter or Spring 1989: Intensive French language course; culture and history courses (12-15 credits). Home stay with French families.

Polish in Lublin—Summer 1989: Polish language and culture study (9 credits). One-week field trip; home stays; study at Marie Curie Sklodowska University.

German and Austrian Studies in Graz—Fall 1989: German language instruction, culture courses (12-13 credits). Home stays.

Summer Writing Program in England—Summer 1989: Study fiction and playwriting; includes visits with authors (8-12 credits). Four weeks in London, two weeks at a rural Dorset writers' retreat.

International Program in Toledo, Spain: Spanish languages and other courses in the liberal arts. Cosponsored by the College of Liberal Arts and the Ortega y Gasset Foundation. Semester-length, year-long, and summer terms available (12-27 credits).

Minnesota Studies in International Development: Course work and orientation at the University followed by internships of three to six months and outreach activities upon return (24 credits). Colombia, India, Jamaica, Kenya, Morocco, Senegal.

Geology in Iceland: Field studies in alternate years in Iceland; cultural and geological studies.

Other study abroad opportunities: Programs in architecture (spring), family social science (summer), and German in Salzburg (summer) also are available.

Preparing for the performance

Through the new Informed Audience Series courses from the Compleat Scholar, you can learn what to expect and what to watch for in selected theatre, opera, dance, and orchestra performances.

CSch O103 Minnesota Opera: Preview of Don Giovanni. A preview of



Welcome back new and returning students.

We on the student board invite you to attend a board meeting and learn about some of the issues important to students that we'll be working on this year. Those include:

- homecoming activities;
- campus security issues and the self-defense class;
- a new scholarship as part of the Nolte Fund; and much more.

Meetings are the first Friday evening of the month at 6 p.m. at the Nolte Center Library.

Linda Sullivan, Chair
Extension Classes Student Board

P.S. If you have questions about the board or want to know more about joining, contact Extension Classes at 626-0214 for referral.

Homecoming

The Extension Classes Student Board will be participating in homecoming activities, Oct. 3-8, including marching in the parade. All Extension students are invited to join in. Call Tom at 823-1150 for more information.



Room changes will be posted in the classrooms

COURSE	CHANGE
CSci courses	Added limits: The following Computer Science classes have strictly enforced enrollment limits of 44 students: 3101, 3104, 3107/5101, 5107, 5124, 5301, 5400, 5511.
DSgn 3545, sec 4	Added section: Fall quarter, sec 4, MW, 6:15-8:30, McNH 69, StP.
Hebr 3011, sec 1	Added course: Hebr 3011, Intermediate Hebrew , 5 credits, \$231.25. Fall quarter, sec 1, TTh, 7-9, AkerH 313.
CSch 0162, sec 1	Change to Sa, 8 a.m.-noon, Oct. 15, 29, EBCEC 52, StP
CSch 0800, sec 1	Age 62 tuition is \$43

the evening's performance which will familiarize you with the style, background, and arias of the opera. Sec 1, F, 6:30-7:30 p.m., Oct. 21, Landmark Center, Stanley Engebretson.

CSch O109 Northrop Dance Series: Preview of Nina Weiner Dancers. Exhibiting boundless range as a choreographer, Nina Weiner evokes a mood of hypnotic depth and intensity in her work performed by the dance

Refunds for day school classes

Cancellation and refund policies vary between regular Extension classes (those listed in the Extension bulletin) and day school classes (listed in the quarterly class schedule).

If you register for regular day classes through the Extension registration office, a different refund schedule applies to your class if you cancel:

- Full refund minus a \$5 cancellation fee through Thursday of the first week of classes.
- 75 percent through Thursday of the second week.
- 50 percent through Thursday of the third week.
- 25 percent through Thursday of the fourth week of classes.

This refund policy is based on the date of cancellation, not whether you attended class or the number of classes attended. You must cancel officially, either in person or by mail. Late fees and transfer fees are not refundable.

This refund schedule parallels the regular day school refund policy and applies only to day school classes open to Extension registration. For regular Extension classes (including joint day/Extension classes and other classes listed in the Extension bulletin), see the cancellation and refund information in the bulletin, pages 56-58.

company she originated in 1976. The work of this choreographer; technique, staging, structure, background, and her place in the dance world. Sec 1, W, 6:30-7:30 p.m., Nov. 9, East Bank, Judith Brin Ingber.

CSch O111 Theatre Preview: Brass Tacks Theatre. Be introduced to the characters, plot, and motives of an innovative play, "Foolin' Around With Infinity," written and directed by Steven Dietz, in this pre-performance lecture. Performance at the Southern Theatre in the West Bank area. Sec 1, F, 6:30-7:30 p.m., Nov. 4, HHH Center, West Bank, Stephen Kanee.



Important or frequently asked questions (and answers) from the Extension Counseling Office.

Dear Adviser: I'm going back to finish my bachelor's degree I began 15 years ago. I feel that 15 years of life experience has helped me define my life goals, but I also feel a little rusty. I'm concerned about my ability to compete with younger students.

The adviser replies: I'm happy to see you recognize the wealth of knowledge you bring to college this time that you didn't have 15 years ago. No book or class can substitute for life experience.

However, it's also true that some skills can erode after several years—particularly in mathematics, study skills, and foreign languages. Fortunately, there are refresher courses in all these areas (and many others) available through Extension. An adviser or counselor can help you assess any weaknesses and suggest some brush-up courses.

Research on adult learners has shown that while they are often apprehensive about their performance, they do just as well or better than their "traditional student" counterparts. I think you'll be pleasantly surprised how you now can apply the concepts learned in class to "real world" examples.

* * * * *

Do you have a question for the adviser? It can be answered either in this column or with a personal letter. Write to:

Ask the Adviser
Extension Counseling Office
314 Nolte Center
315 Pillsbury Drive S.E.
Minneapolis, MN 55455
(612) 625-2500



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One-day classes on AIDS, other health topics

Several courses, including an added workshop on AIDS, are offered as one- or two-day workshops on key social, health, and behavioral issues in Extension classes this fall. Many focus on the problems of children and adolescents.

PubH 5649 AIDS: Issues and Challenges in Education is directed at teachers at all levels as well as administrators and school health personnel. Policy models, strategies for integrating AIDS education into cross-disciplinary curricula, and resources for schools and communities are covered. Presenters are from the AIDS Issues and Education unit of the state Department of Education, the Minnesota AIDS Project, American Red Cross, and other health educators. Graduate credit, ceu's available; one credit \$62.75. Meets Th, Oct. 20, 8 a.m.-4:30 p.m., EBCEC 135, StP campus. Call 625-3322 for registration materials. (Other regular term courses on AIDS include Anth 5920 and PubH 5005, both fall classes underway now.)

Other short courses appropriate to teachers, counselors, day-care providers, helping professionals, clergy, parents, and health workers include the following from Child and Adolescent Psychiatry and Public Health (one credit):

CAPy 5620 Attention Deficit/Hyperactivity Disorder: Diagnostic Strategies and Educational Interventions. Meets Sa, Nov. 12, 8:30 a.m.-3:30 p.m.

CAPy 5625 Life Stress in Childhood and Adolescence. Sa, Nov. 19, 8:30 a.m.-3:30 p.m.

CAPy 5627 Antisocial and Delinquent Behavior. Sa, Oct. 29, 8:30 a.m.-3:30 p.m.

PubH 5644 Challenge of Prevention: Health Promotion for Children and

Youth. Maternal and child health, terminology, legislative issues, school health, implementation models. Sa, Oct. 15, 8 a.m.-4:30 p.m.

All these courses also may be taken for no credit at reduced tuition cost. For information about registration, see your bulletin or call 625-3322.

Youth Studies courses (from the Department of Youth Development and Research) include three-day, three-

credit workshops in outdoor experiential education for juvenile offenders. (Oct. 7, 8, 10) and working with youth (Oct. 21, 22, 24).

Other courses (quarter length) cover health needs of adolescent females and adolescent parenthood. Youth Studies courses are listed in the bulletin, pages 440-442.

See also course listings in **Family Social Science** and **Social Work**.

Career planning workshop returns

Plan your career and career search through the popular career planning workshop offered by the Extension Counseling Office.

The six-session class provides an overview of the career-planning process and assists participants with clarifying their skills, interests, and values as they relate to decisions about careers.

Workshop topics include how to gather occupational information, evaluate career alternatives, and develop an action plan.

Meets Mondays, 6-8 p.m., Oct. 21 to Dec. 5. Fee is \$85. For information or registration details, contact Susanne Peterson at 625-2500.

UNIVERSITY OF MINNESOTA EXTENSION CLASSES
 INFO (USPS 711-240)

Registration Office: 101 Westbrook Hall
 Telephone 625-3333

Charles R. Cheesebrough
 Editor

Info is a newsletter for University of Minnesota Extension Classes students published 9 times a year - August, September, October, November, December, January, February, March, and April-May-by the Department of Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, Minnesota 55455. Second Class Postage Paid, Minneapolis, Minnesota. POSTMASTER: Send address changes to Info, Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.

Students are encouraged to submit editorial opinions to the department. For address changes and name removals, see the instructions on the mailing panel.

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, religion, color, sex, national origin, handicap, age, veteran status, or sexual orientation.

The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.



You still may apply for financial aid

A number of financial aid programs will remain open well into the academic year.

The Minnesota Part-Time Student Grant Program, Pell Grant, Minnesota State Scholarship and Grant, Nolte Scholarship, Mucke/Roff Scholarship,

Guaranteed Student Loan, Supplemental/Parents Loan, and SELF loan are options for winter or spring quarters. Some programs may also provide retroactive funding for fall quarter.

Several programs are open to stu-

dents who have completed a bachelor's degree; others do not require financial need and some programs do not require admission. All of the programs are open to part-time students; some provide funding for either part-time or full-time study. Funding may be available for a range of educational costs, including tuition, books, childcare, transportation, and room and board.

For additional information, contact the Extension Counseling Office, 314 Nolte Center (625-4334).



Capture the winter beauty of Voyageurs National Park while learning techniques in winter photography in STA O819, a weekender Study and Travel Adventure, Feb. 25-28. Led by Don Breneman, a veteran nature photographer and associate professor in the College of Agriculture, the study trip offers a dog sled demonstration and the opportunity to explore parts of the park by cross-country skis, snowshoes, and snowmobile, also. Cost \$199; includes three nights lodging (Sandy Point Resort), meals, pre-trip lecture. Call 624-3300 for registration materials and a complete description.

Learn about financial aid

A free workshop on financial aid will be offered by the Extension Counseling Office on Wednesday, Nov. 30, 6-8 p.m., in room 235 Nolte Center. If you would like to attend this workshop, call or write Extension Counseling, 314 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455; telephone 625-2500. Leave your name and a daytime phone number. Space is limited.

Holiday reminder

**November 24-25
(Thursday, Friday)
Thanksgiving holidays
All offices closed
Classes do not meet.**

MERIDIAN combines career and learning needs

People will learn better when they must know something, when job performance depends on mastering concepts or skills. That kind of motivation fuels the learning process.

But the reality of many education and professional development options is that they are either too abstract to apply readily to everyday work experience or too pragmatic to offer a strong academic background for further study.

The new MERIDIAN program from the Department of Management Sciences brings management technology courses, through Extension classes, to working people, especially entry-level managers, supervisors, and new professionals—the employees who can benefit most from professional education.

MERIDIAN...the general idea

The MERIDIAN program is a uniquely designed educational set of 5000-level special topics courses, customized to the participants, to their interests, and to their backgrounds. Unlike traditional college courses, students have substantial opportunity to shape and direct these courses.

MERIDIAN offers adapted, specialized instruction, combining faculty research and academic orientation with the practical insight of managers working in the field and, most important, with a concentration on how that learning applies on the job. Students share experiences learning and using what they learn, in other words. You get the latest in research, the academic standards of college-credit learning, and the most relevant case studies you could review—your own.

The format includes contracted learning and academic discussion but less classroom time. Learning-by-doing is the expectation in the practicum, which follows the development stage when topics are identified and objectives, and the means to meet them, are set. Peer presentation and the guidance of professionals from the business community play a big part in the practical, demonstration phase of the learning.

The MERIDIAN program in action

MERIDIAN is specifically designed to identify and stimulate research in pioneering areas—to benefit students, industry, and faculty research alike—in the management of technology. The discovery and use of this technical information is important to business-related topics such as decision making, problem formulation, and behavioral and quantitative modeling.

Course development is the first phase in a MERIDIAN course program. The

MERIDIAN brings you the best of the University through research, teaching, and service. Faculty get a sounding board, an application opportunity for recent research or a proving ground for unique methods. Working professionals, who serve as course mentors, get adjunct teaching experience and broaden their own managerial perspectives. Students get career-developing opportunities in an open learning system that still provides guidance—a college seminar that incorporates practical examples.



THE MERIDIAN PROGRAM

**New Horizons . . .
management education
inquiry and research
technology and innovation
management practice and
application**

course is initiated by a proposal from a small-group development team that consists of a faculty member, working professionals from public and private sectors, and advanced adult learners.

The aim of a development team first is to identify common research interests, problem areas, topics, or a focused theme which serves as a basis for the course. A MERIDIAN Program Interest Survey is available from the program coordinator, who arranges orientation sessions where participants review similar interests and outline potential course topics.

Since each course is a distinct research and development effort, the team is encouraged to spend one quarter readying its topical scope, methods and practice dimensions, objectives, and educational procedures as part of the project.

A team project management approach guides this effort. The practicing professional brings a strong sense of issue relevance, applications, and technical requirements to the development team's agenda. Since the majority of advanced learners occupy supervisory or entry-level management positions, they will contribute a sense of personal need and benefit as well as practicality. The faculty member serves as a course development coordinator, having a professional interest in the topic or theme under study. Throughout the MERIDIAN course, program staff from the Department of Management Sciences provide technical and logistic support.

The second phase of a MERIDIAN course is a practicum. The practicum is an expanded version of the course, geared to 35-40 management professionals. In the practicum phase, individualized learning contracts are designed for course participants. These are geared to interest levels and proficiency, including:

- job-related training and applications
- research activities/background
- systems analysis and design
- site visits, observations, guest lecturers
- individual mentoring efforts
- testing and evaluation

and other activities or topics participants identify.

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The discovery and use of technical information—combining academic research and theory with real-life applications—is the fundamental partnership that MERIDIAN promotes. By spanning two quarters, one in each of the two phases (course development and practicum), a course can offer in-depth exploration of problem formulations, behavioral and quantitative modeling, decision making, and other topics including:

- technology and its management requirements
- systems analysis
- information requirements
- control, quality factors, evaluation
- process analysis, design, modeling
- innovations management
- technical management practice and skills and much more.

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For more information, contact Ron Kleitsch, Extension Coordinator, Department of Management Sciences, 624-7558. Orientation sessions are tentatively scheduled later this month.

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MERIDIAN staff conduct orientation meetings for interested students and management information professionals. Participants identify common interests, problems, and objectives to cover during the course.

New noncredit classes on dance from the Compleat Scholar

Dance, the fine art that demands from its performers both rigorous discipline and dramatic personal expression, is the newest of the lively arts featured in non-credit Compleat Scholar courses.

Two new courses explore dance performance; call the Compleat Scholar for registration materials, 624-8880.

CSch O109 Northrop Dance Series: Preview of Nina Weiner Dancers. Exhibiting boundless range as a choreographer, Nina Weiner evokes a mood of hypnotic depth and intensity in her work performed by the dance company she originated in 1976. The work of this choreographer: technique, staging, structure, background, and her place in

the dance world. W, 6:30-7:30 p.m., Nov. 9 (1 meeting). A pre-performance lecture. Cost of ticket for performance not included.

CSch O116 Creating a Dance: Works in Progress. This course about the process of choreography includes a lecture demonstration about the training and preparation of the dancer; a session in which a faculty choreographer shows fragments or phrases of movement and explains the work and the production elements; and a final class with the complete dance and audience invited to discuss the process. W, 6:30-7:30 p.m., Nov. 16-30 (3 meetings).

Elderhostel: a present for your parents

How about the gift of learning as a holiday present to your parents this year?

Elderhostel, the learning-and-living program for seniors, will include a winter schedule this year. Persons 60 and older (younger spouses qualify, too) will stay at the YMCA Lyman Lodge retreat center on Lake Minnetonka for one week, Jan. 29-Feb. 4, taking specially designed college-level noncredit classes. Extracurricular and evening activities are included.

Cost is \$235 for instruction, accommodations and meals. Call 624-7004 for information about a gift certificate or registration. Classes are **The New Deal Revisited—Social Welfare Then and Now; Music in the Winter—Listening and Enjoying; The Peopling of Minnesota—A Diversity of Cultures.**

Help yourself

Want to review your career and educational hopes with a counselor?

Individual counseling through the Extension Counseling Office is available free for students who want to know about their abilities and possible career or educational directions. Career testing can help students clarify their interests, values, and personal characteristics for decision making. (A fee is charged for testing and evaluation.)

Call 625-2500 for further information and to schedule an initial counseling interview.

UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO (USPS 711-240)

Registration Office: 101 Wesbrook Hall
Telephone 625-3333

Charles R. Cheesebrough
Editor

Info is a newsletter for University of Minnesota Extension Classes students published 9 times a year – August, September, October, November, December, January, February, March, and April-May—by the Department of Extension Classes, University of Minnesota, 180 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, Minnesota 55455. Second Class Postage Paid, Minneapolis, Minnesota. POSTMASTER: Send address changes to Info, Extension Classes, University of Minnesota, 180 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.

Students are encouraged to submit editorial opinions to the department. For address changes and name removals, see the instructions on the mailing panel.

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, religion, color, sex, national origin, handicap, age, veteran status, or sexual orientation.

The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.

More from the Global Campus

Most of the Global Campus study abroad programs for winter and spring terms in 1989 (described in **Info** last month) have filled.

Additional sections and terms are being arranged for fall quarter 1989 in Cuernavaca, Mexico (Spanish language and Latin American culture, history), and Montpellier, France (language and culture courses), to help meet the expanded interest in these and other study abroad opportunities.

Please check with the Global Campus Office, 202 Wesbrook Hall (phone 625-3379), if you want more information about study abroad opportunities.

in short . . .

Need computer time?

Computer cards, which permit students to use terminals and computers in the computer labs, now cost \$30. Cards are available at the West Bank Bursar's office in Anderson Hall (open 8 a.m. to 3:30 p.m.); at the Extension Classes cashier's office in 138 Westbrook Hall (open evenings early in the quarter); or at the registration office in 101 Westbrook Hall (payment by check only at this office). Refunds for unused balances on the cards are available from the Bursar's Office.

More card shuffling

"Art cards" are available to students in ceramics or photography courses who need to rent lockers. Art cards are \$5 each and can be purchased at the West Bank Bursar's Office or at the cashier's office in Extension Classes, 138 Westbrook Hall.

CAPy workshops continue

Several fall Saturday workshops on children's mental health were listed in **Info** last month. Additional courses include:

CAPy 5632 Cognitive-Behavioral Therapy for Impulsive and Hyperactive Children; 1 credit, meets WTh, Nov. 16-17, 6-9 p.m.

CAPy 5629 Medicines for the Mind: Pharmacologic Approaches for Treatment of Mental Disorders in Children and Adolescents; 1 credit, Sa, Dec. 10, 8:30 a.m.-3:30 p.m.

CAPy 5624 Developmental Dyslexia: Theory, Research, and Clinical Differentiation; 1 credit, Sa, Dec. 3, 8:30 a.m.-3:30 p.m.

Several more courses are offered winter and spring terms on anxiety disorders, psychotherapy, developmental disorders, and suicide. See the bulletin under Child and Adolescent Psychiatry or call 625-3322 for information.

Major decisions

Matching educational options and interests with personal and career goals can help you get a good start on college.

Through the educational planning workshop, you can explore your interests, values, personal characteristics, learning styles, and basic learning skills. You also will identify the supports and obstacles to educational plans and how to apply this information in making decisions about school and careers.

The workshop is sponsored by the Extension Counseling Office. It meets Thursday evenings, Jan. 5 to Feb. 9 (six sessions), from 6 to 8 p.m. Cost is \$85. For information, contact Avelino Mills-Novoa, Extension Counseling, 625-2500.

bulletin changes . . .

Room changes will be posted in the classrooms

COURSE	CHANGE
Arch 1022, sec 1	Change to spring quarter
Arch 1023, sec 1	Change to winter quarter
Arch 5054, sec 1	Change to spring quarter
ArtS 3602, sec 2	Change to Th
ArtS 5660, sec 2	Change to Th
CDIS 5900, sec 2	Added: Topics in Communication Disorders: Adult Motor Speech Disorders , 4 credits, \$185. Winter quarter, sec 1, 4:30-7:30, FolH 303, Brookshire.
CSci courses	Change or add limit of 50 to all winter quarter sections: 3105, 5102, 5106, 5122, 5504, 5702.
Dsgn 1550, sec 4	Canceled
Dsgn 3534, sec 5	Added section: Winter quarter, sec 5, MW, 3:30-5:45, McNH 69, StP campus.
Dsgn 3552, sec 2	Change to Sa, 9:30 a.m.-1 p.m.
Dsgn 3554, sec 1	Added: Interior Building Technology , 4 credits, \$246. Winter quarter, sec 1, TTh, 3-5, McNH 180, StP campus, Hutchins.
EPsy 5431, sec 1	Change to T
EPsy 5608, sec 1	Change to T
Elem 5361, sec 1	Change to winter spec term, Sa, 10 a.m.-2 p.m., Jan. 7-Mar. 4.
EngW, 5204, sec 1	Canceled
Engl 8610, sec 1	Change to winter quarter
GC 3464, sec 1	Canceled
Hist 3271, sec 1	Canceled
Hist 3955, sec 2	Added section: Winter quarter, sec 2, M, 6:20-8:50, BlegH 115, Metcalf.
Jour 3121, sec 1	Change to TTh, 8:15-9:30 a.m.
Jour 3173, sec 2	Change to spring
LA 1022, sec 1	Change to spring
Mgmt 5101, sec 2	Change to M
MIS 1077, sec 2	Canceled
Mus 1605, sec 2	Canceled
OM 3000, sec 4	Change to Th
PMed courses	Change tuition to \$65 a credit
PA 5492, sec 1	Change title to Impact of Campus Racial Incidents and Special Events on Higher Education Policies and Programs .
PA 5494, sec 1	Change title to Topics in Social Policy
PA 5591, sec 1	Canceled
PubH 5630, sec 1	Canceled
PubH 5727, sec 1	Change to winter quarter
Plsh 3601, sec 2	Added class: Survey of Polish Literature in Translation , 4 credits, \$185. Winter quarter, sec 1, Th, 6:20-9, FolH 207, Wieslaw Krajka.
Plsh 5900, sec 1	Added class: Advanced Polish , 4 credits, \$185. Winter quarter, sec 1, T, 6:20-9, JonesH 10, Wieslaw Krajka. Prereq 1006 or #
Scan 3271, sec 1	Canceled
SeEd 5184, sec 1	Canceled
SeEd 5397, sec 1	Canceled

Faculty handbooks available

Faculty, either regular appointment or adjunct, who did not receive the Extension Classes Faculty Handbook may call 624-8831 to request a copy.

The handbook includes quarterly calendars and important dates

and details about procedures and policies important to grade reporting, duplicating materials room and equipment requests and other administrative information.

Building dreams with the Nolte Scholarship Fund

The students' stories

Recipients of Nolte Scholarship funds, like most Extension students, are motivated students, usually with specific personal or career objectives.

The Nolte Fund helped this single parent of two begin her B.A. work this fall:

"After working as a secretary for the past eight years, I am currently in a position that offers me job security, good

benefits, and a better-than-average secretarial salary. These are all critically important to me as a single parent, but my current job is unchallenging and personally unsatisfying. . . I have a tremendous amount of curiosity. . . and a desire for an education that has not diminished since I foolishly dropped out of college when I was 17 years old. After waiting 18

years to pursue this goal, I intend to get as much as possible out of each class and the total college experience, as well as giving it my best effort."

This student continued her work on the Alcohol Education and Drug Counseling Certificate program thanks to the Nolte Scholarship Fund:

"In 1986 I graduated from the University with a B.A. in speech-communications. To support myself and pay for college, I worked 30 to 45 hours a week throughout. . . I was less than a dedicated student; those were difficult years. I had no idea what I wanted or was capable of doing with my life, and I was extremely absorbed within my active alcoholism and drug addiction as well as the dependency of half my family. . . I was finally able to accept and address my own dependency and sought treatment. Throughout my recovery, the people who helped me the most were those who were also dependent and who were recovering.

When I graduated, I worked for a local radio station, but I realized the media was not where I belonged. What I always wanted to do—and where all my community involvement was—was in the field of chemical dependency. My long term goal is to continue to work in the field and to earn a master's degree. This year, I plan to complete the rest of my course work and begin the 1,000-hour internship. I know that my education together with my personal experience can help me to help others. As you can see from my current transcript, I have become a dedicated student. I am very serious and determined about achieving my goals and would greatly appreciate any help in getting there."

from the student board. . .

Dear Fellow Extension Student:

There is only one scholarship fund at the University that is aimed exclusively at helping Extension students. The Nolte Scholarship Fund helps adult students who cannot afford tuition and books, but who are unable to get help from any other grant or scholarship program. In short, this is the one program that recognizes the special circumstances of those of us who go to school in the evening at the University.

Your fellow students need your help. Please join the Extension Classes Student Board in helping to raise the Nolte Scholarship Fund to \$100,000 this year.

Joining us are many former Extension students who have provided the primary funding for the Nolte Fund thus far.

As Extension students, we come and go sharing the experience of a particular class here and there, but otherwise tending to our own diverse interests and busy lives. But we do share the common bond of hard-earned learning—and the experience of an accessible University.

The Nolte Fund is modest in size—at this time it stands at \$40,000. The interest

on this endowment generates only seven to nine small scholarships each year—a fraction of the amount needed. In fact, the Extension Counseling Office must say no to more than 50 applicants a year, and there may be many more students who never bother to ask. They just assume no help is available.

Please join me and the other members of the Extension Classes Student Board in investing at least \$10 in the Nolte Scholarship Fund. If each of us support the endowment at that level, we would reach the goal of \$100,000 easily by June 30, 1989.

Say yes to a willing and earnest student. Say yes to an accessible University. Support the Nolte Fund this year!

Thank you very much. For the members of the student board, sincerely,

James Foster
Extension Classes Student Board

P.S. Contributors of \$10 or more will be invited to meet the Dean and celebrate the achievement of the goal at the end of spring quarter.

Yes, I would like to support a fellow Extension student and an accessible University. Enclosed is my check for \$_____.

Make checks payable to the University of Minnesota/Nolte Fund. Cut out and complete this form and mail it with your check to the address below.

Name _____

Address _____

City _____ State _____ Zip _____

Telephone _____

Your contribution is tax deductible to the extent allowed by law.

Thanks for your help.

Send to: The Nolte Fund
Continuing Education and Extension
University of Minnesota
305 Wesbrook Hall
77 Pleasant Street S.E.
Minneapolis, MN 55455

Info (USPS 711-240)
Extension Classes
University of Minnesota
180 Westbrook Hall
77 Pleasant Street S.E.
Minneapolis, MN 55455

To correct your name or address on our lists, send the entire address panel and mailing label from your **Info** to Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455



10 Walter Library
Minneapolis Campus
CAMPUS MAIL
University College

EC2

Second class postage paid, Minneapolis, Minnesota

Winter registration

Registration for winter quarter and winter special term classes begins later this month. Dates are given here for mail and in-person registration. Be sure to see the bulletin, pages 20-25 for registration details.

Registration in Extension classes is on a first-come, first-served basis. Many classes fill early. Prompt registration by mail offers you the best opportunity to get into a limited-enrollment class.

MAIL REGISTRATION

November 14 to December 14: Registration forms with tuition checks will be accepted by mail for all winter classes (registrations received before Nov. 14 will be returned).

Students must include a separate check for each limited-class registration; nonlimited classes may be paid for with one check.

Fill out the registration form completely. Social security numbers and birth dates are required for coding purposes.

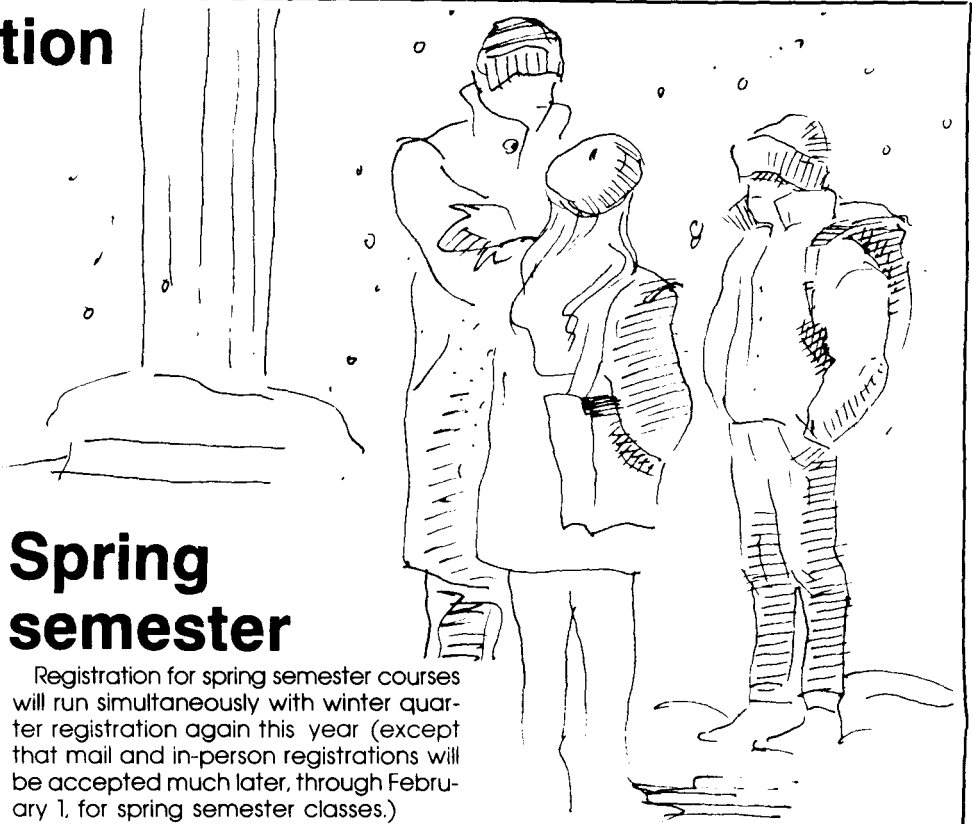
IN-PERSON REGISTRATION

December 6 to December 14: In-person registration at 101 Westbrook Hall, Minneapolis campus; MacPhail Center, 1128 LaSalle Ave., in downtown Minneapolis; downtown St. Paul Skyway Registration Booth in the Norwest Center. See the bulletin, page 15, for hours.

December 14: Last day to register without a late fee. Students who reserve spaces in winter term limited classes during in-person registration must pay tuition by this date or lose their spaces in classes.

To request registration forms, the Extension Classes bulletin, or alternate choice forms, call 624-2388.

Winter quarter classes begin the week of January 3 (Tuesday) and run through Monday, March 20.



Spring semester

Registration for spring semester courses will run simultaneously with winter quarter registration again this year (except that mail and in-person registrations will be accepted much later, through February 1, for spring semester classes.)

The important days and special procedures to note are:

- Registrations by mail will be accepted starting November 14.
- If you reserve space in a spring semester limited class during in-person registration, you must pay tuition by February 1 to complete registration; otherwise your space in class will be forfeited.
- The extended registration by mail and in person, after the close of the regular winter quarter registration period on December 14, is December 19 to February 1.
- Because classes are not in session for part of this time, and because of holiday closings, office hours vary. Check the office hours on pages 27-29 in the bulletin.

• February 1 is the last day to register without a late fee for spring semester classes.

See page 17 in the bulletin for complete information.

Spring semester classes meet for 15 weeks plus finals week, from February 13 through June 10. Classes that meet Tuesday through Saturday are dismissed from March 21-25 (winter/spring break). Monday classes are not dismissed. All classes resume the week of March 27. Ignore references in the bulletin to classes resuming March 28; that is not correct.

Classes are offered spring semester in economics, Chinese, Japanese, German, chemistry, and physics.

MKC
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University of Minnesota

INFO

A Newsletter for Continuing Education and Extension Students

Volume 19 / Number 5 / December 1988

Continuing Education and Extension 

Bookstores—special hours, special deals

University bookstores are open extended hours early each quarter to make it easier for you to shop for textbooks and course materials. Extended and regular hours for winter quarter are given below.

Most required textbooks are in stock before classes begin and may be purchased before or on the first night of class. You are urged to buy books early to assure the best selection of quality used books. (Note: Students enrolled in Composition courses should attend class before buying any books.)

Note that bookstores are open some Saturdays at the end of fall quarter and just before and early in winter quarter. Take advantage of the opportunity to buy and sell books or do some holiday shopping.

Special note: Receive an extra discount over the holidays—on Dec. 27, 28, and 29, all books are reduced 10 percent.

Minnesota Book Center, Williamson Hall (east bank), 625-6000. Books for most departments in CLA, IT, Education, and General College.

First week of classes: Tuesday, Jan. 3, through Thursday, Jan. 5, and Monday, Jan. 9, this bookstore is open 8 a.m. to 7:30 p.m. (Fridays, 8 a.m. to 4:30 p.m.)

Saturdays: Dec. 31, Jan. 7 and 14, this bookstore is open 10 a.m. to 2 p.m. (Also open Saturday, Dec. 3, 10 a.m. to 2 p.m., and Saturday, Dec. 10, fall quarter finals week, 9 a.m. to 3 p.m.)

Regular hours: Monday, 8 a.m. to 6 p.m.; Tuesday through Friday, 8 a.m. to 4:30 p.m.

Harold D. Smith Bookstore (west bank), 625-3000. Books for the School of Management and several CLA departments (see the bulletin, page 30, for listing).

First week of classes: Tuesday, Jan. 3, through Thursday, Jan. 5, and Monday, Jan. 9, this bookstore is open 8 a.m. to 7:30 p.m. (Friday, 8 a.m. to 4:30 p.m.)

Saturdays: Dec. 31 and Jan. 7, this bookstore is open 10 a.m. to 2 p.m. (Also open Saturday, Dec. 10, fall quarter finals week, 9 a.m. to 3 p.m.)

Regular hours: Monday, 8 a.m. to 6 p.m.;

Tuesday through Friday, 8 a.m. to 4:30 p.m.

Books Underground (St. Paul campus), 624-9200. Books for classes on the St. Paul campus.

First week of classes: Tuesday, Jan. 3 (only), this bookstore is open 8 a.m. to 6:30 p.m. (other days, 8 a.m. to 4:30 p.m.)

Regular hours: Monday through Friday, 8 a.m. to 4:30 p.m.

Health Sciences Bookstore; 2-554 Moos Health Science Tower (east bank), 625-8600. Books for courses in the health sciences.

First week of classes: Tuesday, Jan. 3, through Thursday, Jan. 5, and Monday, Jan. 9, this bookstore is open 8 a.m. to 6:30 p.m. (Friday, 8 a.m. to 4:30 p.m.)

Regular hours: Monday through Friday, 8 a.m. to 4:30 p.m.

All bookstores will be closed Dec. 23, 26, 30, and Jan. 2.

Also refer to pages 29 and 30 in the Extension Classes bulletin for more information about bookstores, hours, and buying and selling textbooks.

You may call for book information and to check on textbook availability. Call early in the day and be ready to give the department and course number (rather than the course title or topic). This is especially important for General College courses or other colleges or departments with courses in a variety of areas.

Be sure to save the sales receipt if you buy textbooks. If it becomes necessary, you may return books for a full refund through the second week of classes provided you have the sales receipt and the books have not been marked, written in, or damaged in any way.

Holiday closings

All registration offices are closed Dec. 15, 16, and 22 to process winter quarter registrations.

Offices are closed Dec. 23-26 and Dec. 30-Jan. 2 for the holidays.



Extension Classes Student Board members represented evening students and Continuing Education and Extension in the University homecoming parade Oct. 7. The colorful banner they carried included the "There's Just One U" theme and a reminder that CEE is celebrating its 75th anniversary. If you would like to attend a board meeting or are interested in joining the student board, call Extension Classes at 624-3300.

Cultural history and the American economy

The changing face of America courses is reviewed in noncredit special topics in American history offered through the Compleat Scholar this winter and spring.

Professor Hy Berman—a dedicated and popular instructor in Extension who concentrates on American labor, ethnic, and cultural history in his credit classes—will teach **Race and Ethnicity in Industrial America 1860-1920** (winter; meets Th, 10 a.m.-noon, Jan. 19-Feb 23) and **The Consumer Society: 1920 to the Present** (spring).

In the winter course, Berman will cover the economic expansion in the United States and the role that immigrants had in that growth, as well as the problems and challenges they encountered in integrating into American society. "We'll look at representative subcultures and how they became a part of the body politic in this country during this rapidly changing period in our history," Berman says.

Particular focus groups he has selected include the Finns and their settlement

in northern Minnesota, their occupational niche as iron miners, and the transition from an "old world" culture to a Finnish-American identity; the Jews who settled in major metropolitan areas and became active merchants, especially in the garment industry; and the south Slavic peoples who settled in the Great Lakes steel belt and went to work in the foundries and mills.

The spring course looks at the way America's economy and society changed as industry changed. "America moved from a capital goods producing nation to a consumer goods producing nation after World War I," Berman points out. The rise in standards of living, the decrease in class differences, and the advent of mass media resulted in a "revolution of expectations," Berman says, that made the United States the leading consumer nation in the world.

Call the Compleat Scholar at 624-8880 for detailed course descriptions and registration materials for these noncredit, six-week classes.

bulletin changes . . .

Room changes will be posted in the classrooms

COURSE

Arch 1022, sec 1
Arch 1023, sec 1
Arch 5054, sec 1
ArtS 3606, sec 2
ArtS 5660, sec 2
CISy 5004, sec 2
CDis 5900, sec 2

CSci courses

Dsgn 1550, sec 4
Dsgn 3534, sec 5

Dsgn 3552, sec 2
Dsgn 3554, sec 1

EPsy 5431, sec 1
EPsy 5608, sec 1
EE 5002, sec 1
Elem 5361, sec 1

EngW, 5204, sec 1
Engl 8610, sec 1
GC 3464, sec 1
Hebr 3012, sec 2
Hist 3271, sec 1
Hist 3955, sec 2

Jour 3121, sec 1
Jour 3173, sec 2
LA 1022, sec 1
Mgmt 5101, sec 2
MIS 1077, sec 2
MthE 5101, sec 2
Mus 1605, sec 2
OM 3000, sec 4
PMed courses
PA 5192, sec 1
PA 5492, sec 1

PA 5591, sec 1
PubH 5630, sec 1
PubH 5727, sec 1
PubH 5935, sec 1
Plsh 3601, sec 2

Plsh 5900, sec 1

Scan 3271, sec 1
SeEd 5184, sec 1
SeEd 5397, sec 1
CSch 0110, sec 1
CSch 0713, sec 2
CSch 0935, sec 1

CHANGE

Change to spring quarter
Change to winter quarter
Change to spring quarter
Change to Th
Change to Th
Added section: Winter quarter, sec 2, W, 7:15-8, PeikH 335.
Added: **Topics in Communication Disorders: Adult Motor Speech Disorders**, 4 credits, \$185. Winter quarter, sec 2, 4:30-7:30, FolH 303, Brookshire.

Change or add limit of 50 to all winter quarter sections: 3105, 5102, 5106, 5122, 5504, 5702.

Canceled
Added section: Winter quarter, sec 5, MW, 3:30-5:45, McNH 69, StP campus. Limit 12.

Change to Sa, 9:30 a.m.-1 p.m.
Added: **Interior Building Technology**, 4 credits, \$246. Winter quarter, sec 1, TTh, 3-5, McNH 180, StP campus, Hutchins.

Change to T
Change to T, NichH 209
Change to 3 credits, \$170.25; change time to 6:10-7:30, MechE 108
Change to Winter Spec Term, Sa, 10 a.m.-2 p.m., Jan. 7-Mar.4, PeikH 165

Canceled
Change to winter quarter
Canceled
Canceled
Canceled
Added section: Winter quarter, sec 2, M, 6:20-8:50, BlegH 115, Metcalf.

Change to TTh, 8:15-9:30 a.m., MurH 212

Change to spring

Change to spring

Change to M

Canceled

Added section: Winter quarter, sec 2, T, 4:30-7, PeikH 385, Jackson

Canceled

Change to Th, BlegH 145

Change tuition to \$65 a credit

Canceled

Change title to **Impact of Campus Racial Incidents and Special Events on Higher Education Policies and Programs**.

Canceled

Canceled

Change to winter quarter, Mayo A-269

Change to 4:15-6:45, Mayo A-270

Added class: **Survey of Polish Literature in Translation**, 4 credits, \$185. Winter quarter, sec 2, Th, 6:20-9, FolH 207, Wieslaw Krajka.

Added class: **Advanced Polish**, 4 credits, \$185. Winter quarter, sec 1, T, 6:20-9, JonesH 10, Wieslaw Krajka. Prereq 1006 or #

Canceled

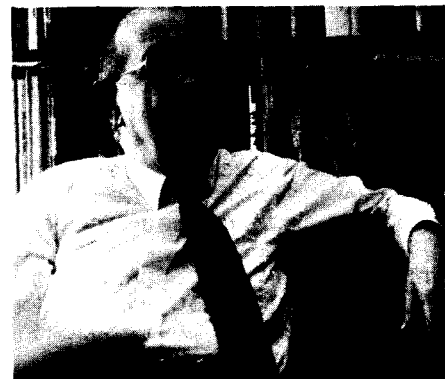
Canceled

Canceled

Canceled

Change to sec 3; change date to Jan. 28

Change to sec 2



Berman

.....

Other Compleat Scholar winter classes offering social and historical insights include:

CSch 0203 Religious Ethics in America, a review of religious beliefs as they relate to moral issues.

CSch 0206 The Nature of Human Nature: The Sciences and Humanities Approach, an investigation of what and how we think and what we are.

CSch 0207 Feminist Movements/ Feminist Lives, a look at the historical roots and contemporary trends in the women's movement.



THE
COMPLEAT
SCHOLAR

Registration: making a list and checking it twice

When you register for your Extension class, you will receive from the registration office two carbon copies of your registration form.

ask the adviser . . .

Important or frequently asked questions (and answers) from the Extension Counseling Office.

Dear Adviser: I've just begun my first class and already friends and classmates are asking what my "major" is. I know I want a degree, but I have no idea what to major in. Any suggestions?

The adviser replies: First of all, relax! Many successful college graduates changed their majors at some point, or spent the first 25 percent of their college careers undecided.

One of the advantages of degree requirements is the liberal education background they provide. Every degree requires a minimum number of general courses in several broad areas to ensure a well-rounded education. These can be taken while you're deciding on a major. Use these courses to experiment.

After taking a number of courses from the group distribution requirements, you will get an idea of whether you prefer social or physical sciences, intuitive or analytical thinking. Make sure to see an adviser in Extension Counseling early in your program. We can help you choose courses that will work in many different degree programs. If you've taken 10 classes or so and find that you still are unsure, make an appointment with a counselor in Extension Counseling who can help you with your decision.

Remember, too, that workshops on educational planning and career decisions (for a fee) are offered by the counseling office; most include interests or skills testing to help you identify strengths and weaknesses.

Do you have a question for the adviser? It can be answered either in this column or with a personal letter. Write to:

Ask the Adviser
Extension Counseling Office
314 Nolte Center
315 Pillsbury Drive S.E.
Minneapolis, MN 55455
(612) 625-2500.

The white copy is the instructor's copy. **Turn this in at the first class meeting.** Instructors use these copies to confirm your enrollment and to set up a grade book. A computer-generated class list also is distributed to faculty, shortly after the term begins, so they can doublecheck this official list against instructor's copies and any class roster they may have prepared.

If you have not registered and paid fees, your name does not appear on the class list and you will not receive a grade. Strict procedures now cover late registration, so be sure to check your status with the registration office if you still have not registered or paid fees after the term has begun.

Simply attending class and completing work does not assure that you will be permitted to register late or that you will receive a grade. Generally, if you are not officially registered by the midpoint of the term, you will need to petition to a scholastic committee to be allowed to continue in class. Contact the registration office or the counseling office for details.

The pink copy of the registration form is your receipted fee statement. Keep it as proof of enrollment; it is your official identification as an Extension student. It is required for using University libraries and other services. Replacement copies can be obtained from the registration office in 101 Wesbrook Hall if necessary.

Daytime classes open to you

In addition to over 2,000 evening and late afternoon classes listed in the 1988-89 bulletin, many day school classes are open to Extension students this year as joint Day/Extension classes.

Registration is through the Extension Registration Office in 101 Wesbrook Hall (not day school class reservations offices). Students enrolled at the University through the day school may not register for day classes through Extension.

Check the course offerings section of the bulletin for those departments that will offer joint Day/Extension classes this year. A boxed-in note appears near the beginning of the department's course listing.

Workshop helps you plan your education

Through the educational planning workshop from the Extension Counseling Office, you can explore educational options that fit with personal and career goals.

Participants in the workshop receive help in the complex task of identifying interests, values, personal characteristics, learning styles, and basic learning skills. They also discover the supports and strengths for—as well as obstacles to—their educational development. Students then learn how to apply this information about themselves in educational planning and decision making.

The workshop meets Thursdays, 6 to 8 p.m., Jan. 5 to Feb. 9 (6 meetings). Cost is \$85. For more information, contact Avelino Mills-Novoa at the counseling office, 314 Nolte Center; telephone 625-2500.

Some of the departments that will open many day classes to Extension students this year are English, animal science, family social science, geography, history, statistics, mathematics, music, plant pathology, religious studies, psychology, and many sciences and foreign languages.

Call 624-2388 about two weeks before mail registration starts each quarter to request a day school class schedule and registration instructions (or stop by 101 Wesbrook Hall). In the class schedule, see the section near the back entitled "Courses Open to Extension Students" for a list of departments and classes available.

New Polish and Slavic courses

New Polish language and literature and Serbo-Croatian courses have been added for winter and spring quarters by the Department of Russian and East European Studies.

Plsh 3601 Survey of Polish Literature in Translation meets Th, 6:20-9; 4 credits, no prereq. Plsh 3602 offered spring.

Plsh 5900 Advanced Polish offers advanced language study; meets T, 6:20-9, 4 credits. Continued in the spring.

Serb 1104-1105-1106 Intermediate Serbo-Croatian. Building communication skills in speaking and writing and in advanced reading capability; history and culture of Yugoslav peoples. Meets TTh, 6:20-8:20, 4 degree credits each course. Courses meet sequentially Jan. 3 through June 10.

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 MRS PENILOPE S KRUSCH
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 MINNEAPOLIS, MN 55455

To correct your name or address on our lists, send the entire address panel and mailing label from your **Info** to Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.

CONTINUING
 EDUCATION
 AND EXTENSION
 75 YEARS
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 180 Westbrook Hall
 University of Minnesota
 Extension Classes
Info (USPS 711-240)



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Registration continues for winter classes

Registration for winter quarter (and winter special term) Extension classes is open now through Dec. 14.

You may register by mail through that date, or stop by and register in person from Dec. 6-14 at the locations listed below.

Registration in Extension classes is on a first-come, first-served basis. Some high-demand classes, or certain sections of them, have already filled.

When you reserve space in a limited-enrollment class in person, you must pay tuition by Dec. 14 to complete your registration; otherwise, your space in class is forfeited.

The last day to register without a late fee is Dec. 14 for most winter quarter classes.

Late registration by mail with a \$5 late fee starts Dec. 15. Late registrations are accepted in person at 101 Westbrook Hall (only) starting Dec. 19.

Offices are closed for registrations processing on Dec. 15, 16 and 22. Offices are closed for the holidays on Dec. 23-26 and Dec. 30-Jan. 2.

Call 624-2388 to request a copy of the Extension Classes bulletin or registration forms. For questions about registration procedures, call the registration office at 625-3333.

Public health, a.m.

Family Planning Issues in Maternal and Child Health (PubH 5630), an Extension class scheduled to meet M, 4:15-6, was canceled for winter quarter. However, a morning section, 9:15-12 noon, is offered Fridays through day school in the winter and is open to joint day/Extension registration. Call Public Health at 625-3660 for information.

IN-PERSON REGISTRATION LOCATIONS—DEC. 6-14

101 Westbrook Hall, Minneapolis campus. Hours are 9 a.m. to 8 p.m., Monday through Thursday; 9 a.m. to 4:30 p.m. on Friday.

MacPhail Center, 1128 LaSalle Ave., downtown Minneapolis. Hours are 9 a.m. to 7 p.m., Monday through Thursday; 9 a.m. to 4:30 p.m. on Friday.

Skyway Registration Booth, Norwest Center, downtown St. Paul. Hours are 9 a.m. to 5 p.m., Monday through Friday.

All registration offices are closed weekends.

Grants, loans, scholarships

A free workshop for Extension students who want information about financial aid options and eligibility requirements will be offered on Monday, Jan. 9, from 6 to 8 p.m., in 235 Nolte Center.

If you would like to attend this

workshop, call or write Extension Counseling Office, University of Minnesota, 314 Nolte Center, 315 Pillsbury Drive S.E., Minneapolis, MN 55455; (612) 625-2500. Give your name and daytime telephone number. Space is limited.

UNIVERSITY OF MINNESOTA EXTENSION CLASSES
 INFO (USPS 711-240)

Registration Office: 101 Westbrook Hall
 Telephone 625-3333

Charles R. Cheesebrough
 Editor

Info is a newsletter for University of Minnesota Extension Classes students published 9 times a year - August, September, October, November, December, January, February, March, and April-May-by the Department of Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, Minnesota 55455. Second Class Postage Paid, Minneapolis, Minnesota. POSTMASTER: Send address changes to **Info**, Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.

Students are encouraged to submit editorial opinions to the department. For address changes and name removals, see the instructions on the mailing panel.

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, religion, color, sex, national origin, handicap, age, veteran status, or sexual orientation.

The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.

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University of Minnesota

INFO

A Newsletter for Continuing Education and Extension Students

Volume 19 / Number 6 / January 1989

Continuing Education and Extension 

College in the Schools

Reaching out to the best and the brightest

Minnesota is heralded as the "brainpower" state, a logical extension of one of the best educational systems in the nation. College in the Schools, a new program administered through Extension Classes, builds that tradition.

The program is an option under the Post-Secondary Enrollment Options Act (PSEO) passed by the legislature a few years ago. Through College in the Schools, exceptional high school juniors and seniors may take a University of Minnesota course that counts toward high school graduation. (Subsequently, the college credits also may apply to a degree, depending on college transfer policies.)

According to program director Rachel Christensen, College in the Schools offers more than just a chance for high school students to earn University credit—it also has become a unique means for staff development for high school teachers. "The college classes are taught on site in the high schools by carefully selected high school faculty," she explains. "Once they apply and are accepted to teach in the program, they must attend a two-week summer workshop with a University professor as well as follow-up sessions during the school year," Christensen says.

The application process requires submission of transcripts and a resume,

Read more about College in the Schools—an innovative, cooperative venture that connects the University with dedicated teachers and outstanding high school students—on page 2 and in upcoming issues of "Info."

recommendations from school administrators, graduate-level course work, and an interview with University staff (if initial requirements are met).

"We ask a lot of the classroom teachers, but it insures we're getting the best teachers," Christensen notes. "In turn, they get a chance to review an academic topic in depth with a University professor, review that material in a scholarly fashion that focuses on content, and then discuss teaching with their peers in a way that, I think, encourages innovation and interaction." (Teachers can choose to pursue graduate credit as part of their participation, in fact.)

This year introductory college courses are offered in three areas: freshman composition; modern fiction; and American history. Several more classes will be added for 1989-90. All are offered in cooperation with the appropriate academic department, which certifies that the course and instruction are credit worthy—the same procedure followed for all Extension classes.

In each case, a University faculty member and the high school teachers develop the syllabus and review content and course requirements in the workshop and seminars. The high school teachers prepare and organize their lectures, assignments, and exams so they offer a course with the same academic demands as a course taught on campus. University faculty visit the classroom during the term, also, to evaluate the instructors.

"Plainly and simply, it's a University class," Christensen says, "with all the

obligations and expectations of college-level learning." But it certainly isn't drudgery. "The students are getting a challenging classroom experience," she points out. "That's important since these are juniors and seniors in the top 20 percent of their classes." They have the opportunity for a head start on college and some exposure to college learning, but in a familiar, supportive atmosphere, Christensen says.

One of the biggest proponents of College in the Schools is Darryl Sedio,



Christensen

director of the Advanced High School Student Services Office that advises, admits, and registers high school students in University classes. "College in the Schools presents a convenient alternative to on-campus college classes," he says. "It also meets students' personality variables—some people want that campus environment, the feel and sense that they really are 'going' to col-

continued page 2



Sedio

Holiday

All classes are dismissed and offices closed on Monday, Jan. 16, Martin Luther King, Jr. Birthday.

You've come a long way, baby

By Charles Cheesebrough, Editor

Sometimes a good idea is born of more than one source. For College in the Schools, there could be several happy parents.

Many positive—and diverse—forces, occurrences, and actors coincided to give the College in the School program a strong start in 1985 and 1986. These include, among others:

- a controversial mandate to school districts from the governor and legislature that permitted high school students stimulating options but which held uncertain consequences for local schools;
- a University president—later accused of limiting access—who agreed with a city school superintendent that deserving high school students should have a chance at college courses before regular college admission;
- a professor who saw the program as an exciting means to put theory into practice and to advance the importance of her discipline in the process;
- a high school teacher with a progressive outlook on literature study;
- and another clearly identified audience of nontraditional learners that fit the outreach efforts CEE has pioneered for 75 years.

Starting with CEE, events unfolded roughly like this.

The suggestion for College in the Schools came from Dean Harold Miller,

best and brightest from page 1

lege; but many have some hesitancy, especially the juniors or the parents," Sedio says.

High school principals also get more advanced placement opportunities and curriculum options for the students they serve. Sedio says: "College in the Schools gives administrators college opportunities for their students without the disruption of sending them elsewhere to find those options."

Sedio notes that Minnesota's commitment to educational options and the booming growth in participation in those programs (his office advising load doubled every year from 1985 to 1987), is making Minnesota a model for the nation in providing choices to students.

As with other PSEO enrollments, the state pays tuition costs. But because the local school supplies the instruction, the financial bite on the school district (which gives up state aid equal to the tuition) is much less than on-campus classes.

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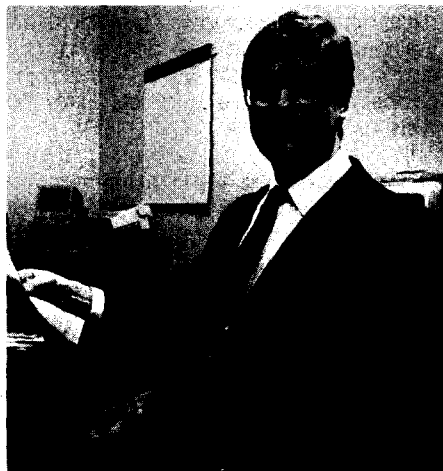
For more information about College in the Schools, call the Department of Extension Classes, (612) 624-0540.

who knew of models at Syracuse ("Project Advance") and Indiana and suggested to staff in the Department of Extension Classes that they pursue a similar program. Proposals that would become the Minnesota Post-Secondary Enrollment Options Act (PSEO) were under discussion at the Capitol, and Miller and other Extension administrators recognized that bright high school students may see Extension classes as a convenient means to accumulate high school and college credit simultaneously, a major thrust of the bill passed in spring 1986.

"It was an option... attractive to local schools since they could meet academic needs and not lose their brightest students to college campuses."

"The timing was right, just as PSEO was emerging, for a plan like College in the Schools," says Bill VanEssendelft, associate director of Extension Classes. "It was an option under PSEO that was appealing to students but also attractive to local schools since they could meet academic needs and not lose their brightest students to college campuses," he says.

"Extension was the appropriate delivery system since we could meet all the logistical requirements," he points out. For years, Extension departments regularly had been doing everything it takes to make College in the Schools a success: offering courses on site; authorizing courses for credit through the academic departments; maintaining ties to academic departments and faculty about the courses offered through Extension; training and appointing adjunct faculty through the departments; initiating an official



VanEssendelft

University record for new students; advising nontraditional students of all ages through one of the leading Extension counseling offices in the nation; and registering students conveniently by mail.

About the same time, St. Paul school superintendent David Bennett and University president Kenneth Keller informally discussed joint ventures between the University and the public schools. CEE and the Department of English were designated as the units to explore the University's involvement. Literature had been identified as a strong potential topic within the district, and the English department and Extension had a long history of cooperation. English teacher Karen West, with her record of covering new or avant garde literature in unique ways at Johnson High School, was selected as the teacher. The pilot offering was team taught in spring 1986 by West and English professor Charles Sugnet, who shared her interest in contemporary literature.

Although the course was very successful—West and Sugnet are now co-trainers in the program—it wasn't "resource effective," Van Essendelft notes, to send college professors to high schools two or three times a week, especially with the potential for several sections at several locations being offered simultaneously.

Trial composition courses, taught by select high school teachers, were underway the next quarter. The experiment, promoted by composition professor Lillian Bridwell-Bowes, proved that outstanding high school teachers—who had extensive preparation and regular contact with University faculty throughout the course—could do well in the classroom as adjunct faculty. This became the system for the literature course and was adopted as the regular model for College in the Schools.

Meanwhile, VanEssendelft was meeting with school superintendents and other officials from several districts. He got favorable responses from all and commitments from most, including St. Paul, Moundsview, Apple Valley, North St. Paul, Richfield, and Burnsville.

The districts embraced the chance to cooperate in higher education so they could expand opportunities to their own students and avoid losing them. VanEssendelft says. But other benefits became readily apparent. The program was seen by faculty and instruction specialists as another stride toward "articulated curriculum," VanEssendelft says, the movement within education to

continued page 3

Everything you need to know about libraries

Take the popular free library course this winter and learn to use the library effectively and efficiently.

The noncredit class meets two Wednesday evenings, Jan. 11 and 18, 6:30-9, in room 180A of the Carlson School of Management Conference Center, located on the West Bank in the Humphrey Center.

The first session shows you how libraries are organized; means of access to information, such as catalogs and periodical

indexes; and typical materials and services in libraries. The second class introduces reference books and shows you how resources are organized in various subjects. This can help you find information you need, especially for term papers or research projects, even when you don't know the subject well.

The course content applies to all libraries, but special attention is given to University of Minnesota libraries.

The instructor is Marcia Pankake, as-

sociate professor in the library.

Everyone is welcome. No formal registration is required. Call 624-2388 if you need a campus map.

Free financial aid workshop

A free workshop on financial aid will be offered by the Extension Counseling Office on Monday, Feb. 6, 6-8 p.m., in 235 Nolte Center. If you would like to attend this workshop, call or write: Extension Counseling Office, 314 Nolte Center, 315 Pillsbury Drive, S.E., Minneapolis, MN 55455; telephone (612) 625-2500. Leave your name and a daytime telephone number. Space is limited.

in short . . .

Added dance class

Dnce 5970 Intermediate Ballet Technique, 2 credits, \$116.50. Traditional classical ballet technique with barre and center work; a practical class aimed at refining technique and expression. Prereq: intermediate training. Winter quarter, sec 1, MTh, 6-7:30 p.m. Northwest Ballet, Hennepin Center for the Arts, downtown Minneapolis. For registration information, call 625-3322.

More on computer cards

Refunds for unused balances remaining on computer cards must be approved through the academic computing office before going to the bursar's office to receive cash back. Call 625-7850 or inquire at 14 Folwell Hall. Computer cards may be purchased at all bursar's offices and at Extension registration offices.

Manage your career

Learn how to plan your career in an Extension Counseling Office workshop this winter.

The career-planning workshop provides an overview of the career planning process and assists you in clarifying skills, interests, and values to help you make decisions about careers. Workshop topics include how to gather occupational information, evaluate career options, and develop an action plan.

This workshop meets six times, Tuesdays, 5-8 p.m., from Feb. 7 to Mar. 14. Fee is \$85. For registration or other information, contact Barbara Krantz at the counseling office, 625-2500.

bulletin changes . . .

Room changes will be posted in the classrooms

COURSE	CHANGE
Chn 3022, sec 1	Added: Intermediate Modern Chinese , 5 credits, \$231.25. Winter quarter, sec 1, MW, 6:50-8:50, FordH 115, Chang.
Jpn 3022, sec 1	Added: Intermediate Japanese , 5 credits, \$231.25. Winter quarter, sec 1, MW, 6:50-8:50, FordH 349, Horiba.
Mgmt 3004, sec 5	Added section: Winter quarter, sec 5, W, 5:30-8:15, HHCtr 25, Hasselberg.
Rhet 5571, sec 1	Change to winter spec term (dates remain as is)
Serb 1104-1105-1106, sec 1,2,3	Added: Intermediate Serbo-Croatian , 4 credits each, \$177 each. Offered sequentially over winter and spring spec terms; sec 1,2,3, TTh, 6:20-8:20, Jan. 3-June 1 (no class Mar. 20), Phys 236A/FolH 108 (starting Mar. 28), Schrunk.
CSch 0125, sec 2	Change to T, Feb. 7-Mar. 7
CSch 0601, sec 1	Change to Th, Jan. 26-Mar. 9, MacP 120
CSch 0713, sec 2	Change to sec 3, Jan. 28, NCCE 140
CSch 0804, sec 1	Change to W, Jan. 18-Feb. 9, NCCE 140
CSch 0935, sec 1	Change to sec 2

you've come a long way

from page 2

link the direction and coverage of various subjects toward interrelated educational goals.

Identical efforts were underway in the College of Liberal Arts (CLA) to unify learning approaches within the curriculum, especially in developing students' skills in writing. That emphasis, with support from associate dean Julie Carson, steered Extension staff working on College in the Schools toward the first two courses, **Writing Practice (Honors)** and **Introduction to Modern Fiction**. Both courses were aimed precisely at teaching students to learn how to discover ideas, form opinions, and express them clearly. Also, the most consistently mentioned need from the school districts was for advanced-placement opportunities in writing.

The demand was easily met. Making good writing a requirement throughout the college curriculum is a personal and professional goal for Bridwell-Bowes, who is director of the University's Program in Composition and Communication. She also sees it as a charge

for her department: "We are committed to making good writing important in courses, regardless of discipline. We are challenged at this university to make that happen." She was anxious to work with high school teachers to improve the state of the discipline since it would help improve the quality of college writing as well.

To insure that the course and the students in it would reflect the highest college-level standards for writing, the class is an honors course open only to seniors.

Proud parents, take credit. In 1988-89, College in the Schools has matured into nearly 50 classes, taught by 35 instructors, serving about a thousand students in 24 schools.

Next month: Learn more about the unexpected impact that College in the Schools had on high school teachers, and hear from Sugnet, West, and Bridwell-Bowes on teaching the teachers.

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Noncredit classes take care of business

Sharpen job skills this winter and spring through noncredit Compleat Scholar courses in business and professional development.

Compleat Scholar courses offer convenient, short-term meeting schedules, affordable costs, and expert instruction from both regular and adjunct faculty with experience in the world of work.

Call 624-8880 for registration materials on the Compleat Scholar courses listed below.

CSch 0706 Professional Selling For Women: Techniques. Identifying customer needs, effective questioning and listening skills, openings and closings, handling resistance; M, 6-8 p.m., Jan. 23-Feb. 20. In the spring, **CSch 0707 Professional Selling Skills for Women: Advanced Problem Solving**, Apr. 3-May 1.

CSch 0712 Starting and Operating a Home-Based Business. Choice of service or product, financing, business plans, estimating expenses, marketing, tax considerations, stresses and benefits. Th, 5:45-7:45 p.m., Jan. 26-Mar. 2.

CSch 0726 Advanced Supervision: Team Effectiveness. One-day class. Analyzing the work unit—goals, objectives, motivations. Increasing morale, productivity. Managing problem employees; introducing change. W, 9 a.m.-4 p.m., Apr. 12.

CSch 0735 Communicating Effectively in Conflict Situations. Logical and psychological tactics to overcome resistance, handling negative reaction and attacks, negotiating respectively. W, 6-8 p.m., Apr. 12-26.

Also offered: **The New Woman Supervisor; Women Supervising Women; Effective Time Management; Team**

Building for Women.

Investments courses: **Investments and Personal Financial Planning; Port-**

folio Management and Asset Allocation Strategies; Survey of Alternative Investment Opportunities.

Spring semester registration

Registration is open now for spring semester courses and continues in person and by mail through Feb. 1.

Departments offering some semester-length courses (15 weeks) include economics, chemistry, Chinese, German, Japanese, and physics. Spring semester classes meet Feb. 13 through June 10.

In-person registration is at 101 Westbrook Hall on the Minneapolis campus. Office hours are reduced between quarters, but once winter quarter class-

es begin (Tuesday, Jan. 3), the office is regularly open Monday through Thursday until 8 p.m. and Friday until 4:30 p.m.

See page 17 in the bulletin for complete registration information about spring semester. Registration procedures are described on pages 20-25.

February 1 is the last day to register without a late fee.

To request registration forms or an Extension Classes bulletin, call 624-2388.

Registration Office: 101 Westbrook Hall
Telephone 625-3333

Charles R. Cheesebrough
Editor

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INFO

A Newsletter for Continuing
Education and Extension Students

Volume 19 / Number 7 / February 1989

Continuing Education and Extension 

College in the Schools

A whole lot of learning going on

It's a high school classroom, full of high school students, in a class led by a high school teacher.

But nothing else is high school about **College in the Schools**—it's college-level learning in a regular University course.

And what the students get from the program is generally unlike anything they've seen before in high school, according to English professor Charles Sugnet, who coordinates the English department's participation in **College in the Schools**. "Since the English course is contemporary literature," Sugnet says, "the program makes a difference in both what and how students read by offering them important new choices."

The students are among the best in their schools and must meet academic requirements to enroll. Books covered in the class (**Engl 1018 Introduction to Modern Fiction**) include **Slaughterhouse-Five, Their Eyes Were Watching God, The Awakening, In Our Time, Sula, As I Lay Dying, Heart of Darkness, Things Fall Apart, Love Medicine,** and others.

Students keep notebooks and are responsible for recording their thoughts about what they read, including addressing specific questions. The process underscores the need to read critically and gives students practice in self-

Read more about College in the Schools—an innovative, cooperative venture that connects the University with dedicated teachers and outstanding high school students—on page 2 and in upcoming issues of "Info."

expression, Sugnet says. "The basic objective is getting a genuine response from the student about what he or she is reading, a response that the student has a commitment to," he says.

Karen West, a participating teacher since 1986, says that is accomplished in several ways. "The discussion group format, with the teacher taking the role as simply another contributor to discussion, is stimulating and new to many of the students," she says. "They're relating to one another and they start trying out ideas on one another."

Students review their notebooks for topics to expand upon in papers, topics that intrigued them or they felt strongly about. The goal, West says, is for students to go beyond story analysis or character development and instead to demonstrate a personal investment in the ideas.

Bringing a personal viewpoint to the study of literature then changes the way the students write about it, West says. "Having gained a stake in the story, students get excited about what they're writing," she points out.

Covering important current issues is inherent in studying contemporary literature, West says. "The characters and situations aren't some piece of history—they are, or could be, alive and real. The characters are facing situations that students have heard and thought about—things that could happen to them," West says. As a result, students are generally willing to talk more about them.

They also are moving from simple awareness of an issue to attempts to understand it. "The students often are responding to ideas they hadn't considered before," says West. "They are forming opinions now about important issues; formerly they may simply have believed what they had been told or what they heard." They aren't necessarily finding answers, but they are asking many more questions, West notes.

continued page 2

More scholarships available

Continuing Education and Extension received a grant from Northern States Power for 10 scholarships to be awarded this spring and fall.

Prior enrollment in Extension Classes, Continuing Education for Women, or Independent Study is required. Applicants must also demonstrate financial need.

Applications for spring quarter must be submitted by Friday, Mar. 10. For additional information, contact the Extension Counseling Office, 314 Noite Center; 625-4334.



Experienced high school teachers, such as Karen West of St. Paul Johnson, lead College in the Schools classes on site.

Reaching out to the teachers

In theory, College in the Schools was supposed to be an advanced-placement learning option for high school students who are college able. In practice, it has become much more.

Most students will learn like they never have before (see related article). The professional stimulation for the participating high school teachers is the unexpected benefit.

Karen West knows the program from both sides—as a participant and as a leader. West, an English teacher at Johnson High School in St. Paul, is a co-trainer with University professor Charles Sugnet in the English literature course offered through College in the Schools. They were the faculty selected to team-teach the first college offering in a high school in spring 1986. (The next term, the English department adopted the current model, used for all College in the Schools courses, where high school teachers provide the instruction.)

Without exception, West says, the teachers are excited about the process. "Teachers told us they were revitalized," she says. The interaction with University faculty and with their peers keeps them excited about their efforts; it helps them avoid getting in a rut; and it exposes many of them to literature they might not otherwise have covered, she says. Some have ended up pursuing additional course work or taking leaves to work independently on

their own writing, reading, and teaching, West says.

Sugnet says he believes the program goes beyond simply changing what teachers are doing in class. It makes a significant difference in the way the high school teachers look at their work and themselves. "These teachers are challenging themselves as well as the students. They strive to teach at a level beyond the expectations or the environment of a high school," Sugnet says.

Teachers for the literature course must apply for the program and go through a thorough screening process, including an interview. Most are master teachers with extensive qualifications



Sugnet

a whole lot of learning from page 1

Some of the books deal with societal issues like war, women's lives and feminism, cultural and racial differences, and death, but they also cover personal issues including responsibility and honor in behavior, conformity and nonconformity, intellectual maturing, and self-evaluation. The authors also reflect a variety of cultural backgrounds, including a black African man, a black American woman, and an American Indian woman.

Learning new ways to cover literature and discovering new ideas or themes aren't the only things students are getting from class. Many respond to these new ideas on a personal level themselves, West says.

In discussions about war and peace activism, for example, many students for the first time are exposed to how defense spending and military build-up affect their future and their daily lives—and to the possibility that priorities could be changed. "Instead of just accepting the threat of war and believing

there is nothing they can do about it, some now are asking how they can work to prevent nuclear disaster," West says.

Some students have reflected on important parts of their lives, choices they made previously, and changed the way they looked at themselves, West says. Examples among West's classes include a student who was awakened to her multiracial heritage, a part of herself she had never recognized previously. Another, for whom conformity and popularity were important, realized it was okay to take the unpopular side of a question or to have an opinion that conflicted with what her friends believed.

College in the Schools classes also are offered through the Program in Composition and the Department of History. Call Extension Classes at 624-0540 for a descriptive brochure or more information.

including graduate study. Once selected, they are brought together in a two-week summer workshop to discuss course content and requirements.

Establishing the syllabus is a democratic process, Sugnet says. A book list of 18 to 20 books is pared to 8 or 9, by consensus. Each teacher is responsible for reviewing a particular title and for identifying or preparing related critical essays, reading lists, author background, discussion topics, and notebook questions appropriate to the course objectives.

"It spreads out the workload, cuts preparation time, and brings diversity to the way we can cover material," West says. And Sugnet adds, "The teachers get excellently prepared materials with a lot of critical commentary, review, and related reading material."

Sugnet and West have fine-tuned their training system for the summer seminars for teachers each year. The first year, they adopted the focus of using literature as a means of exploring important issues. The next year they expanded the preparation sessions to include guest speakers who offered new or different critical viewpoints on the literature or insights into the issues.

Sugnet and West both say the University's sponsorship contributes greatly to the positive reception in the high school. "The program is a real opening for the teachers," Sugnet says. "They get the opportunity to cover a topic in a scholarly fashion, to develop innovative curriculum, all with the University's authority associated with their effort."

"It's an exciting means to meet a real need and to offer scholastic challenges to students and teachers both," Sugnet says.

.....

Next month: The College in the Schools composition course reinforces the importance of critical thinking and good writing in any discipline.

Career counseling

Individual counseling through the Department of Counseling is available for CEE students who want assistance in identifying career and educational options. Career testing can help students clarify their interests, values, and personal characteristics for planning and decision making. A fee is charged for counseling services. Call 625-2500 for further information and to schedule an initial counseling interview.

bulletin changes . . .

Room changes will be posted in the classrooms

COURSE	CHANGE
Educ 5103, sec 3	Added section: Spring quarter, sec. 3, W, 4:15-6:30, PeikH 215, Rhode.
Hebr 3013, sec 3	Canceled
Arch 1022, sec 1	Change to spring quarter
Arch 1023, sec 1	Change to winter quarter
Arch 3110, sec 1	Change to winter quarter
Arch 5054, sec 1	Change to spring quarter
Arch 5125, sec 1	Canceled
BA 3998, sec 2	Added class: Independent Study: Current Topics in Managing Information Systems , 2 credits, \$112.25. Spring quarter, sec 2, Th, 5:30-7:30, Law 1.
CSci 3001, sec 1	Add limit of 80
CSci courses	Change or add limit of 50 to all spring quarter sections: 3104, 3105, 3106, 3400, 5201, 5211, 5703.
CISy 5004, sec 3	Added section: Spring quarter, sec 3, W, 7:15-8:05, PeikH 335.
CISy 5006, sec 3	Change to A/F only
CISy 5100, sec 1	Added class: Curriculum and Instructional Systems Workshop , 3 credits, \$177.75. Spring quarter, sec 1, T, 4:15-6, PeikH 33.
Dsgn 1201, sec 3	Canceled
Dsgn 3243, sec 1	Added section: Spring quarter, sec 1, Th, 6:15-10, McNH 305.
Dsgn 3534, sec 6	Added section: Spring quarter, sec 6, MW, 3:30-5:45, McNH 69.
EPsy 5240, sec 2	Canceled
Elem 5330, sec 1	Canceled
Elem 5335, sec 1	Change day to W
EngW 1101, sec 3	Added section: Spring quarter, sec 3, W, 6:30-8:50, EE/CSci 3230.
EngW 5110, sec 6	Added class: Topics in Creative Writing: Magazine Production Workshop , 4 credits, \$185. Spring quarter, sec 6, T, 4:15-6:45, LindH 203, Burns.
EngW 5110, sec 7	Added class: Topics in Creative Writing: Running Out of Red Paint—The Artistic Process , 4 cr, \$185. Spring quarter, sec 7, W, 4:15-6:45, LindH 215, Browne.
EngW 5205, sec 2	Canceled
EngW 8420, sec 1	Canceled
Engl 8610, sec 1	Change to winter quarter
FScN 5624	Canceled
Fren 3602, sec 1	Add limit of 50
GC 1211, sec 2	Canceled
HSU 5007, sec 1	Change to winter quarter
Hist 3861, sec 1	Added section: Spring quarter, sec 1, T, 6:20-8:50, AndH 270.
IEOR 5321, sec 1	Added class: Industrial Safety , 4 credits, \$227. Spring quarter, sec 1, T, 6:10-9, MechE 18, Melton.
IR 3002, sec 4	Add limit of 65
CEBS 0008C	Change title to Human Resources and Compensation Administration
Jour 3173, sec 2	Change to spring quarter
Jour 5721, sec 2	Added section: Spring quarter, sec 2, W, 6:20-8:50, MurH 311.
LA 1022, sec 1	Change to spring quarter
LA 1026, sec 1	Change to MW
Mgmt 5101, sec 3	Change to M
MIS 1077, sec 3	Canceled
MSci 1020, sec 5,6	Add limit of 45
MSci 3030, sec 3	Add limit of 35
ME 5225, sec 1	Added class: Finite Elements of Mechanical Design , 4 credits, \$227. Spring quarter, sec 1, M, 4:15-7, MechE 18.
Mus 1606, sec 3	Canceled
PE 5132, sec 1	Changed to fall quarter
PMed courses	Compute tuition at \$65 a credit for 5182, 5814, 5817.
PA 5111, sec 1	Change to M, 9:15 a.m.-noon, HHCtr 60
PA 5293, sec 1	Change title to Alternate Approaches to Economics and Regional Planning
PubH 5005, sec 2	Added section: Spring quarter, sec 2, M, 4:15-6, and W, 4:15-5, MoosT 2-520.
PubH 5060, sec 1	Canceled
PubH 5267, sec 1	Canceled
PubH 5727, sec 1	Change to winter quarter
Rhet 5571, sec 1	Change to winter spec term (same dates)
Plsh 3602, sec 1	Added class: Survey of Polish Literature in Translation , 4 credits, \$185. Spring quarter, sec 1, Th, 6:20-9, FoiH 307, Krajka.
Plsh 5900, sec 2	Added section: Spring quarter, sec 2, T, 6:20-9, JonesH 1, Krajka.
STA 0814, sec 1	Canceled

Spring quarter registration

Registration for spring quarter classes begins later this month. Dates are given here for mail registration and in-person registration. Be sure to see the bulletin, pages 20-25, for registration instructions.

Registration in Extension classes is on a first-come, first-served basis. Many classes fill early. Prompt registration by mail offers you the best opportunity to get into a limited-enrollment class.

MAIL REGISTRATION

February 13 to March 15: Registration forms with tuition checks accepted by mail for all spring classes. (Registrations received before Feb. 13 will be returned.)

Include a separate check for each limited class; nonlimited classes may be paid for with one check.

Fill out the registration form completely. Social Security numbers and birth dates are required for coding purposes.

IN-PERSON REGISTRATION

March 7 to March 15: In-person registration at 101 Westbrook Hall, Minneapolis campus; 130 Coffey Hall, St. Paul campus; MacPhail Center, 1128 LaSalle Ave., in downtown Minneapolis; and the St. Paul Skyway Registration Booth, Norwest Center, Fifth and Minnesota, downtown St. Paul. Weekdays only.

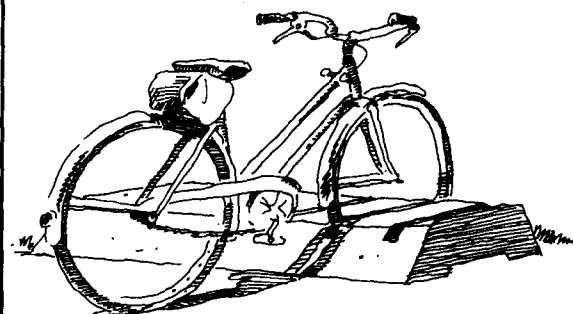
If you reserve space in a limited class during in-person registration, you must pay tuition by the last day of the registration period (Mar. 15); otherwise, you forfeit your space in class.

See the bulletin, page 19, for complete details and hours.

March 15: Last day to register without a late fee for most spring quarter credit classes.

To request the Extension Classes Bulletin or registration forms, call 624-2388.

Spring quarter classes begin the week of Mar. 27 and run through June 10.





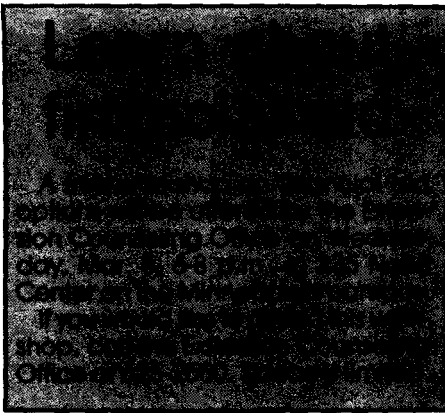
Info (USPS 711-240)
 Extension Classes
 University of Minnesota
 180 Westbrook Hall
 77 Pleasant Street S.E.
 Minneapolis, MN 55455

To correct your name or address on our lists, send the entire address panel and mailing label from your **Info** to Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.

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The back-to-school workshop: ease on into college

If you want to return to school, or try college for the first time but aren't sure where to begin, the back-to-school workshop is for you.

The atmosphere at this free workshop—set for Saturday, Mar. 4, 8:30 a.m. to 1 p.m.—will be informal, with plenty of time for discussion and explanation.

The location is the Earle Brown Continuing Education Center on the St. Paul campus. A Continuing Education and Extension adviser and a tutor from the Reading and Writing Center will lead the program.

You will find answers to questions about courses, degrees, certificates, study help, financial aid, and other student services. You will also learn about educational opportunities in Extension Classes, Independent Study correspondence and television courses, Continuing Education for Women programs, and other University departments.

If you are not confident about how to study or what to expect in college classes, you can find out what kind of help you need and about free tutoring and help with study skills.

Free parking is available in parking lots adjacent to the Earle Brown Center on the St. Paul campus.

Call 624-2388 to add your name to the registration list for this free workshop.

Winter weather and cancellations

Extension classes are rarely canceled for any reason, including bad weather.

When Extension classes are canceled, there will be an announcement broadcast on KUOM radio (770 AM) at 4 p.m. (or earlier). Other local radio and television stations generally are notified and also carry the announcement.

Listen for this announcement; it is the quickest and easiest method of obtaining the information.

Classes that meet at neighborhood centers in suburban school districts (Roseville and Richfield) will not meet if those school districts cancel classes and close schools.

Classes are canceled rarely and reluctantly. Missing one Extension class is often equivalent to missing a week of day school classes.

Registration Office: 101 Westbrook Hall
 Telephone 625-3333

Charles R. Cheesebrough
 Editor

Info is a newsletter for University of Minnesota Extension Classes students published 9 times a year—August, September, October, November, December, January, February, March, and April-May—by the Department of Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, Minnesota 55455. Second Class Postage Paid, Minneapolis, Minnesota. POSTMASTER: Send address changes to **Info**, Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.

Students are encouraged to submit editorial opinions to the department. For address changes and name removals, see the instructions on the mailing panel.

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, religion, color, sex, national origin, handicap, age, veteran status, or sexual orientation.

The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.

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University of Minnesota

INFO

A Newsletter for Continuing
Education and Extension Students

Volume 19 / Number 8 / March 1989

Continuing Education and Extension



College in the Schools

Writing isn't what it used to be—it's better

College in the Schools classes may meet in local high schools and be aimed at high school students, but that doesn't mean the program is almost like college. It's the real thing.

To insure the composition course would be something beyond just another offering under the state's Post Secondary Enrollment Options Act (PSEO), the College of Liberal Arts directed that it be an honors version of **Writing Practice**, the college's required composition course. The course is open only to top-ranked seniors.

"We have a very successful course going. We have the benefit of working with the best high school instructors in the metropolitan area to provide a special opportunity to reach out to the best high school students," says Lillian Bridwell-Bowles, professor and director of the Center for Interdisciplinary Studies of Writing. Bridwell-Bowles, who has taught in secondary schools, says a major incentive for her to join with Extension Classes in sponsoring College in the Schools was the chance to build a bridge between the University and the public schools. But an added benefit is the contribution to the discipline that the program is making.

Read more about College in the Schools—an innovative, cooperative venture that connects the University with dedicated teachers and outstanding high school students—in the next issue of "Info."

"In writing, more than any other subject, we need a kindergarten-through-graduate-school approach," she says. "You learn to write over a lifetime of using language—we all are learning to write throughout our careers, throughout our lives."

The notion that freshman English is the place and time to learn composition never was realistic, Bridwell-Bowles suggests: "You don't learn to write in just one year." But even though learning to write and practicing writing is a lifelong endeavor, the focal point for that process, she says, probably is this age group and these students—those making the transition from adolescents to adults, from high school to college.

According to Bridwell-Bowles, high school teachers and students often assume college writing concentrates on accuracy—accuracy in mechanics, spelling, and organization—at the ex-

pense of the importance of expressing ideas. "Students are accurate but they also are safe and simple. They need to take risks, explore, and experiment."

But for many potential college students, developing better writing skills can present difficulties, she predicts. Surveys indicate that only in 4 percent of the cases studied could students develop their thoughts on a topic beyond the paragraph level. "You won't be able to form complex ideas or express them adequately without the ability to write beyond the paragraph," Bridwell-Bowles says.

To insure these excellent students are challenged to excel, the primary emphasis in all the assignments is understanding issues and writing about them convincingly. Assignments include writing a personal narrative, an ethnography, a review or critical treatment of some fine arts event, and an expository essay that requires personal inquiry and research into a topic.

The importance of being able to comprehend and write about complex ideas, and the range of methods and

continued page 5



Bridwell-Bowles

Apply now for financial aid

The prime time to inquire about financial aid for part-time (or full-time) study for the 1989-90 academic year is now.

Programs which use the ACT application require lengthy processing times and some have limited funds. Most programs require admission to a degree or certificate program, which also requires considerable advance planning. Requirements vary by program. A number of programs restrict eligibility to students who have not already earned a bachelor's degree.

Financial aid is also available for spring quarter and summer 1989 for both part-time and full-time study. Admission requirements, processing times, and restrictions on applicants with a prior bachelor's degree vary by program.

For additional information, contact Extension Counseling, 314 Nolte Center (625-4334).

...

A free financial aid workshop for Extension students who want information about financial aid options and eligibility requirements will be offered on Monday, Apr. 3, from 6 to 8 p.m., in 235 Nolte Center.

If you would like to attend the workshop, call or write the Extension Counseling Office, 314 Nolte Center, 315 Pillsbury Drive S.E., Minneapolis, MN 55455; (612) 625-4334. Give your name and daytime phone number. Space is limited.

Join a University research team

Discover a new type of educational experience this year—one that merges a little travel, a little work, and lot of learning.

This year you can:

- escape to Minnesota's north woods to record the behavior of the ruffed grouse;
- wade into the study of wild rice agronomy near Grand Rapids;
- sift through the sands of Israel's Mediterranean coast searching for artifacts from the time of King Solomon; or identify and classify relics of the Iron Age collected from a buried city on a Bavarian hillside;
- or tend a peregrine falcon chick in the Twin Cities, becoming a step parent to the world's fastest bird.

That's what you get with Research Explorations (REX), the University of Minnesota Extension program that matches volunteers with faculty working on important research projects—in the laboratory, in the field, and in the community.

And that's what Jeff Wolfe found working as a research volunteer helping wildlife professor Gordon Gullion collect behavior and population data on ruffed grouse. "The experience was exactly what I expected it to be," says Wolfe, a biology and outdoor education teacher at Blaine Senior High School. "I gained valuable insight into

Honors course covers the wonder years: 1960s

Extension Honors Seminars are open to Extension students who apply through the CLA Honors Office and meet permission criteria (including a 3.50 grade-point average).

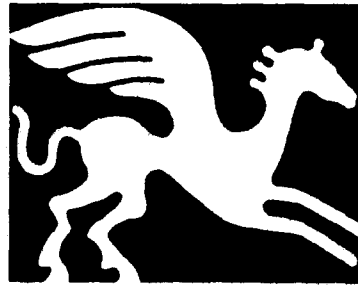
This spring, **HSem 3040 The Sixties Revisited** will be offered. The 1960s are reviewed as an era with special emphasis on the five important broad social movements that swept through those years—civil rights, feminism, environmentalism, neighborhood activism, and the anti-war movement—and the implicit, related phenomenon related to all of them that emerged, the youth "counter-culture."

The instructor is history professor Clarke Chambers, one of the University's best known and most distinguished teachers.

Honors Seminars are interdisciplinary, small-group classes designed to bring together the very best Extension students with outstanding faculty.

See the bulletin, page 286, for more information. Contact the CLA Honors Office at 624-5522 to discuss requirements.

UNIVERSITY OF MINNESOTA



RESEARCH
EXPLORATIONS

the needs of a research endeavor and useful experience applicable to my present teaching," he says.

Gullion has been keeping records since 1958 about the ruffed grouse, especially the drumming behavior displayed by the aggressively territorial males. The ruffed grouse—one of 10 species of grouse—is the most widely distributed resident game bird native to North America.

REX volunteers, after orientation and training, follow the seasonal cycle with Gullion. Either they help trap and tag grouse and interview hunters in the fall; or in the spring they cover a mile-square patch of forest, monitoring bird behavior and surveying the drumming logs the males perch upon while proclaiming their domain.

All REX projects, whether in the field or in the laboratory, are a way to learn what's going on in University research—and a way to help it along, says Beverly Sinniger, Assistant Director of Extension Classes. "REX can be thought of as an exchange of information: volunteers learn something from it and the project is advanced by their contribution," Sinniger says.

The principal qualifications are curiosity, adaptability, and an ambition to learn about—and support—important research, says program director Susan Henderson. "You don't always need special training, but you do need a desire to help and a desire to learn."

Near Grand Rapids, agronomy professor Ervin Oelke is working on a long-term project to guide the progression of wild rice from a native, wild crop to a field crop.

Wild rice has been used as a food for 10,000 years, Oelke points out. But it's only since the 1960s, when commercial interests entered the market, that the research on domestication has gained momentum. Oelke's aim is to increase wild rice yield (and availability) while retaining its unique (and delicious) natural qualities.

Not only could domestication make the grain more available, he says, but

it can make use of land that is otherwise nonproductive. The paddies are constructed in northern Minnesota peatlands or lowlands which, while too wet for farm crops, are ideal for rice. Paddies also provide additional wetland refuge for wildlife and serve the watershed areas as a flood control.

REX participants help hand-harvest the rice, run it through a thresher and dryer, weigh and measure the plants and the grain, prepare seed beds, and collect data on seed experiments and growing conditions.

In the peregrine falcon reintroduction project, volunteers can work in a variety of settings. In the lab, early season volunteers assist in the propagation and raising of very young chicks.

In the field, REX participants can work as assistants at the hack box sites—feeding and observing young falcons—or as observers keeping track of adult falcon activity around the state, including the rearing of young and nest productivity.

Locations have included urban (even downtown) settings in Minneapolis and Rochester, rural sites in Virginia, Minn., and at Isle Royale, and river valleys in southwestern Wisconsin. The project is led by veterinary medicine professor Patrick Redig, director of the University's raptor research and rehabilitation program, and Harrison Tordoff of the Bell Museum of Natural History, professor of ecology and behavioral biology.

Research volunteers also can choose to spend a few weeks at an archaeological excavation. Projects this summer in Kelheim, West Germany, and Tel Dor, Israel, focus on collecting, identifying, and processing artifacts in an effort to reconstruct the daily life of civilizations thousands of years old.

continued page 3



REX volunteers are helping reestablish peregrine falcons in Minnesota.

research explorations from page 2

Another high school teacher, Shirley Olson, applies what she learned at Kelheim in the classroom. "It was exciting to work with knowledgeable people and to touch the past so concretely," Olson says of the project, which is led by Professor Peter Wells, director of the Center for Ancient Studies. "I've been able to share my experiences with my students and give them a sense of the challenge of archaeology."

.....

Most Research Explorations require a two-week or three-week commitment. Participants pay their share of the costs of the participation. Costs may be tax deductible (to the extent allowed by law). For information about projects for 1989, contact Research Explorations, Dept. of Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455; (612) 626-0214.



As members of a University research team, REX volunteers can work at an archaeological "dig" such as this one in Tel Dor, Israel.

Research Explorations—1989

Specific dates are listed if determined; participants often may arrange their schedule with project leaders. Call 626-0214 for a brochure.

Ruffed Grouse Drumming in the Northern Woods (Lake Mille Lacs, Cloquet); Apr. 9-21, Apr. 17-28, two-week period Sept. 16-Nov. 4.

On-Farm Calving Management (Eyota in southeastern Minnesota); April.

Performance Testing Beef Bulls for Herd Management (River Falls, Wis.); May.

Taking the "Wild" Out of Wild Rice (Grand Rapids); August.

Peregrine Falcon Reintroduction (St. Paul campus, outstate, field sites); April or May (lab), summer (sites).

Manitoba Battles Mistletoe (Winnipeg); September.

A Journey Back to Israel's Past (Jerusalem, Tel Dor excavation site); July and August.

Industry and Town Formation in Maine; July 24-Aug. 4.

The Archaeological Origin of Wild Rice Harvesting (Lake Itasca); June.

Prehistoric Ceramics in Minnesota (Minneapolis campus); schedule arranged.

Nutrition and Oral Health of the Elderly (Twin Cities); schedule arranged.

The Art and Science of Orthodontics (Minneapolis campus); schedule arranged.

Predicting Diabetes (Minneapolis campus); schedule arranged.

Impact of Soil Fertility on Crop Productivity (Twin Cities; field sites); July, September.

Stress Effects on Plant Cells (St. Paul campus); schedule arranged.

Clinical Veterinary Microbiology (St. Paul campus); schedule arranged.

How Beetles Find Host Plants (Twin Cities; field sites); July 5-30.

Quantitative Genetics of the Fruit Fly (Minneapolis campus); schedule arranged.

Glaciological Studies in Sweden (Stockholm, field sites); summer dates to be determined.

Kelheim; Origins of an Iron Age City (West Germany); late June.

International Women's Rights Issues (Minneapolis campus); schedule arranged.

Missionaries and the Conquest of Honduran Indians (Minneapolis campus); schedule arranged.

Alcohol and Degenerative Diseases (Minneapolis campus); schedule arranged.

Fertilization and Early Embryonic Development in Mammals (Minneapolis campus); schedule arranged.

Reactions of Children and Adolescents to Acute and Chronic Trauma (Minneapolis campus); schedule arranged.

Evaluating the Effectiveness of Ob/Gyn Instructional Sites (Minneapolis campus); April 24-June 1, schedule arranged.

Treatments for Behavior Problems for the Mentally Retarded (Twin Cities); schedule arranged.

Successful Industrial Technology Teaching (Twin Cities); spring, schedule arranged.

Artistic Discovery in 17th-Century Naples (Minneapolis campus); schedule arranged.

Analyzing American Sign Language (Minneapolis campus); schedule arranged.

Gender Differences in the Conversations of Preschool Children (Minneapolis campus); July 15-Aug. 30, schedule arranged.

Custom fitting your degree program

By Kent Warren, Coordinator, Program for Individualized Learning

For students who would like an individualized approach to their education at the University, CEE and University College (UC) have been partners in meeting needs for almost 60 years.

University College offers bachelor's degrees through two degree programs for students with special learning goals: the Inter-College Program (ICP) and the Program for Individualized Learning (PIL).

According to Don Ross, Professor of English and Director of University College, the connections between UC and Extension are very important for many students. "It is common for Extension students to need flexible degree programs that will let them make use of the resources of many colleges at the University," he reports, "and our degree programs are designed to help those students in their search for individual options."

Students identify many reasons for using the resources of both CEE and UC. Craig Barry, a student in the Program for Individualized Learning, has a long history as an Extension student. "I have always wanted to work at my own pace, to learn about many different subjects, and to develop my own program," he says.

Through CEE, Barry has taken many extension classes and independent study courses from several colleges within the University. "Through PIL, I am incorporating my course work into an individually designed degree program in investment analysis with emphasis on Asia," he says. Barry now lives and works in Taiwan and is completing the final courses for his bachelor's degree through the Department of Independent Study.

Many ICP students, who use the resources from two or more colleges at the University, find the combination of UC and CEE critical to completing their undergraduate educations. As a mother of three children in elementary school, a full-time worker with the Smoke-Free Coalition, and a part-time freelance artist, Kathleen Bernston finds this partnership especially valuable. "ICP allowed me to meet my goal of becoming an illustrator by combining my prior work in studio art with new learning in commercial art," she says.

Bernston is now finishing her degree through Extension Classes. "Many of my courses provide special insights because they are taught by practicing professionals in my field," she says. Bernston also appreciates the important benefit of working closely with her academic adviser at ICP: "She has been very understanding of my aca-

ademic goals and the problems I faced as a returning student."

University College is an excellent resource for Extension students who want to think about creating an individualized bachelor's degree pro-

gram. Academic advisers in the two programs can help students to learn about various options available on campus and in the community. For more information, call the Inter-College Program at 624-2004 or the Program for Individualized Learning at 624-4020.

bulletin changes

Room changes will be posted in the classrooms

COURSE	CHANGE
Arch 5950, sec 2	Canceled
Arts 1602, sec 2	Change day to M
Arts 3615, sec 2	Added section: Spring quarter, sec 2, Th, 6-10, Intermedia Arts arr.
Arts 5420, sec 1	Add \$15 course fee; total \$158.75
Dsgn 3242, sec 2	Added course: Commercial Illustration II , 4 cr, \$246. Spring quarter, sec 2, Th, 6:15-10, McNH 305, StP campus.
Dsgn 3243, sec 1	Canceled
EAS 3001, sec 1	Added course: Chinese Calligraphy , 4 cr, \$200. Spring quarter, sec 1, M, 6:20-8:50, NichH 207, Wang.
Educ 5204, sec 1	Added course: Reading in Work Settings , 3 cr, \$177.75. Spring quarter, sec 1, T, 4:15-6:30, PeikH 46, Park.
EngW 5510, sec 5	Change to 6-10 p.m.; meets at Film in the Cities, 2388 University Ave., St. Paul.
Engl 5134, sec 1	Canceled
Fren 1106, sec 2	Add limit of 25
FSos 5240, sec 1	Added course: Special Topics in Family Social Science: Aging, Family, Society , 4 cr, \$246. Spring quarter, sec 1, M, 5:30-7:30, McNH 146, St. Paul campus. Detzner.
Hist 3961, sec 2	Added section: Spring quarter, sec 2, M, 6:20-8:50, RarigC 616; limit 15.
HSU courses	Graduate credit not available for HSU courses listed. Students who want graduate credit may transfer (no charge) to a concurrent section.
Mus 1051, sec 5,6	Added sections: Spring quarter, sec 5, M, 6:20-8:20, FergH 259; spring quarter, sec 6, Th, 6:20-8:20, FergH 259.
PE 5135, sec 1	Added course: Motor Learning and Human Performance , 3 cr, \$177.75. Spring quarter, sec 1, M, 4:15-6:15, CookeH 215, Wade.
PubH 5269, sec 1	Canceled
PubH 5634, sec 2	Added section: Spring quarter, sec 2, F, 1:15-3:30, Mayo A-270.
PubH 5637, sec 1	Canceled
Soc 3966, sec 1	Canceled
Spch 3411, sec 5	Added section: Spring quarter, sec 5, M, 6:20-8:50, PeikH 225, O'Dell.
CSch 0232, sec 1	Change to T, April 4-May 9.

Registration Office: 101 Wesbrook Hall
Telephone 625-3333

Charles R. Cheesebrough
Editor

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The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.

Get involved: you can make a difference

If you are interested in issues important to Extension students—course availability, graduate credit, lighting and security, student services, and Extension's role within the University—then consider running for the University Senate.

Eight elected Extension student senators (or alternates) will join faculty and

day school student senators in the senate to consider both the University's internal affairs and place in the community.

You will also serve on the Extension Classes Student Board with other appointed board members and Extension staff.

Candidates must file for election be-

tween Feb. 27 and Apr. 3.

From Apr. 24 through May 8, Extension students will vote in classrooms or by mail for senators and alternates.

To file as a candidate, you must meet these eligibility requirements:

1. You must be carrying three credits through Extension at the time of election (spring quarter).

2. You must have earned a minimum of 12 credits (day or evening) within the last five years.

Filing forms, election information, and details on the student board may be obtained at 180 Westbrook Hall on the Minneapolis campus; telephone 626-0214. In addition, filing information will be sent to all instructors for distribution in class.

writing—College in the Schools

from page 1

motivations for such reporting, is demonstrated clearly in the personal inquiry assignment, which includes attending a panel discussion about AIDS. Students come to campus and hear perspectives on AIDS from experts or leaders from the legislature, the medical profession, the state department of education, and the Minnesota AIDS Project. "These are real people with real questions seeking answers and making decisions on a compelling issue," Bridwell-Bowles says.

Students see firsthand the results of multiple methods of inquiry and of collecting information about a common topic. They hear reports on AIDS from different perspectives, prepared for different reasons and for different audiences, but all with important findings that were presented authoritatively and persuasively.

Writing an ethnography, a study of a particular group of people, also includes a presentation to get students started. For background, they attend a lecture by anthropologist Lou Casagrande of the Science Museum of Minnesota.

"They see how Casagrande, the anthropologist, works—how he thinks, the questions he must ask, how he records observations and synthesizes these data into a report about a culture or social phenomenon," Bridwell-Bowles says. That experience suggests the methods students need to follow in writing an ethnography, a documented paper that requires them to use sources of all kinds in their descriptive writing.

Bridwell-Bowles says students sometimes struggle with the ethnography because it also requires them to identify or define a culture and to develop their thoughts beyond their own experiences. But accessible populations and sites prove to be all around. Students have written about nursing homes, fraternal and social organizations, health fitness clubs, junior high skateboarders, a convent, and RV park residents.

Writing the ethnography gives students practice in firsthand data collection, interviewing, and using primary sources, Bridwell-Bowles says. They are urged to find background material to

support that personal experience, too. Like the other assignments, this one requires in-depth study, but this time on an unfamiliar topic, one they must learn to understand and then to explain in their writing.

Self-defense class for women

By Linda Sullivan, Chair
Extension Classes Student Board

The popular self-defense workshop for women, sponsored by the Extension Classes Student Board, will be repeated this spring on Saturday, April 1, 1-5 p.m., in the Mississippi Room (377) at Coffman Union.

Detective Duane Fredrickson of the Minneapolis Police Department will lead the class on self-defense techniques and personal safety for women.

We look forward to another full house for this semi-annual class and appreciate the interest Extension students have shown in the past. Please arrive a few minutes early; wear comfortable clothing. Advance registration is not required. Minimum age 16; no children, please.

Parking is generally available in Coffman Union Garage and behind the Union on East River Road.

For more information, call Extension Classes at 626-0214. See you April 1!

Added classes: AIDS, journalism, people and pets

Public Health Approaches to AIDS (PubH 5005) will be repeated spring quarter.

This 3-credit course covers epidemiological and clinical features of HIV infections, the impact of AIDS on specific populations, and behavior change principles as they apply to communities, schools, and social policy. Designed for students or professionals in education, health and helping professions, and others interested in the public health context of AIDS.

Meets spring quarter, sec 2, M, 4:15-6, and T, 4:15-5. Register in 101 Westbrook Hall. See description, page 380 in the bulletin.

.....

Added journalism courses this spring include those listed below. Register in 101 Westbrook Hall.

Jour 3241 Advertising Copywriting, 4 credits, \$185. Advertising appeals and strategy; advertising for print and broadcast. Individual and group projects. Spring quarter, sec 1, T, 6-9, MurH 212.

Jour 3173 Magazine Writing, 4 credits, \$185. Writing feature articles for general, class, and trade publications; more. See description, bulletin page 304. Sec 2, listed as winter quarter, is changed to spring.

Jour 5721 Mass Media in a Dynamic Society. See description in the bulletin, page 306. Added section: spring quarter, sec 2, W, 6:20-8:50, FordH 55.

.....

In recent years, medical professionals have discovered the therapeutic effect that contact with pets can have for people who are ill and for the elderly in long-term care.

Interrelationships of People and Animals in Society Today (PubH 3301/5301) explores human-animal bonds, animal awareness, animal rights and mortality, humaneness, pets and pet behavior, and pet-facilitated therapy. Offered spring quarter, sec 1, T, 4:15-6, 125 AnScVM, StP campus; 2 credits, \$125.50. Registration is in 101 Westbrook Hall. Call Annette or Diana at 625-1051 with questions about the course.



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It's not too late to register

Registration for most spring quarter Extension classes is open now through Mar. 15.

You may register by mail through that date, or stop by and register in person from Mar. 7 to Mar. 15 at the locations listed below.

Registration in Extension classes is on a first-come, first-served basis. Some high-demand classes, or certain sections of them, already have filled.

When you reserve classes in person you must pay tuition by Mar. 15 to complete registration. Otherwise, your space in class is forfeited.

The last day to register without a late fee is Mar. 15 for most spring quarter classes.

Call 624-2388 to request registration forms or the Extension Classes Bulletin.

Spring quarter classes begin the week of Mar. 27.

March hours, closings

Mar. 16-17: Registration and cashier's offices closed to process spring quarter registrations (late registrations accepted by mail only with a \$5 late fee).

Mar. 20-23: Late registration period for spring quarter. Registration office in 101 Westbrook Hall open 8 a.m. to 4:30 p.m. (Monday through Thursday).

Mar. 24: Reopening Day—forfeited spaces in closed classes become available, 8 a.m. to 4:30 p.m. (Friday only).

Mar. 21-24 (Tuesday-Friday): Spring semester classes (15-week term classes that began Feb. 13) are dismissed for spring semester recess.

Mar. 27: Spring quarter classes begin; spring semester classes continue. Registration office in 101 Westbrook Hall resumes evening hours, Monday through Thursday.



IN-PERSON REGISTRATION LOCATIONS—MARCH 7-15

- **101 Westbrook Hall, Minneapolis campus.** Hours are 9 a.m. to 8 p.m., Monday through Thursday; 9 a.m. to 4:30 p.m. on Friday.
- **130 Coffey Hall, St. Paul campus.** Hours are 9 a.m. to 4 p.m., Monday through Friday (limited service only).
- **MacPhail Center, 1128 LaSalle Avenue, downtown Minneapolis.** Hours are 9 a.m. to 7 p.m., Monday through Thursday; 9 a.m. to 4:30 p.m. on Friday.
- **Skyway Registration Booth, Norwest Bank Building, downtown St. Paul.** Hours are 9 a.m. to 5 p.m., Monday through Friday.
- **All registration offices are closed weekends.**

Managing matriculation

Need help with the often difficult task of finding educational options that fit your personal and career goals?

The Extension Counseling Office offers an educational planning workshop to help you sort it all out. Participants in the workshop learn to identify their interests, values, personal characteristics, learning styles, and basic learning skills. They also examine the supports and obsta-

cles to their educational development. Students then learn how to apply this information about themselves and their lives to their educational planning and decision making.

The workshop meets Thursday, 6 to 8 p.m., Mar. 30-May 4 (6 sessions). Cost is \$85. For more information, contact Avelino Mills-Novoa in the Extension Counseling Office, 625-2500.

The art of Chinese calligraphy

Traditional Chinese calligraphy is covered in two introductory courses this spring. Classes are taught by Wang Dong Ling, a visiting artist from the Zhejiang Academy of Fine Arts in the People's Republic of China.

An artistic emphasis is offered in a studio arts calligraphy class (ArtS 5430, bulletin page 107). Technique, styles, and materials examined. The class meets Tuesday nights; add a \$15 course fee to the tuition and special fee

(total \$158.75).

A historical review of styles, as well as practice in technique, is included in the East Asian Studies course, **EAS 3001 Chinese Calligraphy**. This is an added class: 4 credits, \$185 plus \$15 special fee; spring quarter, sec 1, M, 6:20-8:50, NichH 207. Stop by the registration office, 101 Westbrook, to review the course description or contact the China Fine Arts Program, 626-2212, for information.

College in the Schools

Teaching the teachers results in mutual benefits

The two-week summer workshop for College in the Schools is principally for the select high school teachers to cover teaching methods and course content with University professors. But high school and college faculty alike benefit in reviewing each other's challenges—and dreams.

"We learn from high school teachers about their teaching conditions, expectations, and goals, and they learn what we do and are hoping to accomplish in college-level writing," says Lillian Bridwell-Bowles, director of the Center for Interdisciplinary Studies of Writing, who coordinates the composition course offered through College in the Schools.

Many are surprised to hear it is conceivable that a college student could earn a degree without writing for any of their courses other than composition courses, Bridwell-Bowles says. "We are committed to making writing important in courses, regardless of discipline. We are challenged at this university to make that happen."

The need to emphasize writing in college underscores the value of a program like College in the Schools.

Bridwell-Bowles says, which extends that same objective to the high schools. The summer workshop provides a chance for sharing ideas and techniques that can revitalize the high school curriculum and prepare more students for the writing emphasis that should be infused into college courses, she says.

"It's satisfying to create an environment where so much can happen."

"I look at the summer workshops as an opportunity for collaborative research," Bridwell-Bowles says. The interaction of University faculty with the high school instructors reflects a growing interest nationally in collaborative research and collaborative learning that could, she says, save what is excellent in public education.

It's not white-lab-coat research—reporting observations—that teachers want, either (although they are good consumers of research and theory).

"They want to know how adolescents learn and how to set up an environment that encourages learning; they want to learn innovative means of approaching material; and they want to know how to combine critical commentary with encouragement to motivate students," Bridwell-Bowles says.

The collaboration on a discipline represented by efforts such as College in the Schools is a primary example of what educators call an "articulated curriculum," Bridwell-Bowles says, a holistic means of organizing a subject and the way it is studied and taught. The program is a successful combining of the high school environment and the demands of college that contributes to the goal of improving the academic area, she says.

"Teaching writing is a different kind of work," Bridwell-Bowles notes, and teachers need to look at alternative ways to organize and diversify their work as a means to professional development. "I can't say enough about the teachers. They know what they need, we just provide them a forum."

They look at assignments and options and the rationale behind them, writing quality and how to judge it, and what makes essays strong or weak. "We work to discover the differences between good and bad writing, not mask them," says Bridwell-Bowles.

Teachers tell her they come with so much they want to cover in the two-week summer seminars. "It shows how

continued page 2

Make summertime a learning time

Through summer evening Extension classes, you can sharpen job skills, work toward a degree, or explore a new interest.

For many students, summer evenings are a good time for earning college credit because of the special schedule for most classes. Two class meetings each week mean: (1) many quarter-length classes can be offered over 5-week terms; and (2) semester-length classes and five-credit courses have shorter class periods or are offered over 10 weeks instead of 15 weeks.

More than 200 credit and noncredit classes are waiting for you. So credit yourself for making a few summer evenings a time for learning this year. Check through the course titles in the

summer Evening Extension Classes Bulletin. If you don't have a copy, call 624-2388 to request one.



Advising office closed

Advisers and counselors in the Extension Counseling Office, 314 Nott Center, will not be available Tuesday through Thursday, May 16-18, because of staff training sessions. Please contact Extension Counseling before or after these dates if you need assistance.

New program reviews moral questions

Join three distinguished faculty members in a unique new learning experience in Extension—an in-depth investigation of important moral and ethics questions.

The multi-disciplinary course, **Contemporary Society: Moral Problems and Ethical Decision Making**, will extend fall through spring quarters next year. The instructors are English professor Carol Bly, philosophy professor John Dolan, and political science professor Terence Ball.

Common issues and questions will recur over the three quarters, but the instructors will also focus within their academic areas on specific treatments of the topics. We are only now beginning to understand, they write, how social pressures encourage or hinder the ethical and moral growth of individuals.

teaching from page 1

little time they have for the obvious types of professional development that will make them thrive." To prepare for this kind of extra duty, she notes, they use their free time for preparation and training. "They are committed professionals, too often maligned, often working under conditions where they can't do their best work," Bridwell-Bowles says, citing high school class sizes of 35 or 40 as an example. "It is a constant challenge to provide quality education in settings where money and resources are not what they need to be."

For these bright students and teachers, College in the Schools is an exciting option, Bridwell-Bowles says. "It's satisfying to create the kind of environment where so much can happen. It is a classic case of hiring good people, giving them rich choices, and trusting them by letting them do their jobs well."

Students will consider how we respond on a daily basis to individual (first person), interpersonal (second person), and public (third person) ethical issues. What are our duties as citizens in a global society to those people separated from us geographically and to those future generations temporally distant from us? How do our individual ethical decisions impact upon the greater society?

Brief course descriptions follow. Call 625-3475 for more information. Preregistration will be required.

Ethics in Literature (4 credits, fall quarter). Moral complications as presented by writers and poets on issues such as morality and civic behavior; evaluating social responses, that can range from brutal to just, on varying phenomena within our world;

reconciling the law with our consciences; the corruption of language; more.

Moral Discomfort and the Cultivation of Moral Intelligence (4 credits, winter quarter). The ethics we practice and that influence our lives; ethics in relationships (doctor/patient, parent/child, journalist/reader); philosophical review of pressing key issues, such as freedom of speech, corruption of discourse, abortion, and euthanasia. Understanding, developing moral consciousness.

Ethics and Politics (4 credits, spring). The moral ramifications of collective behavior—political institutions, civic obligations, social responsibilities. The possibilities and limitations of a "planetary ethic." Justice and the law; economic interaction, global interdependence.

Recognizing excellence in faculty

Three outstanding instructors will receive CEE Distinguished Teaching Awards this year, and you can help select them.

Nominations will be accepted through May 15 from students, former students, faculty and staff. Any person providing credit or noncredit instruction offered or cosponsored by CEE is eligible.

Criteria for selection are (1) evidence

of outstanding teaching and commitment to student growth and development; (2) accessibility to students; and (3) sustained excellence in teaching in CEE.

Each award includes a \$1,000 stipend as well as official recognition during a CEE-wide event.

Call the Dean's Office, 624-5542, for a copy of the nomination procedures and forms.

Vote for Extension senators

Election for Extension senators is April 24 through May 8. Students may vote by mail or using ballots and candidate information distributed in class. If you are unable to vote in class, you may arrange to vote by mail. Call 626-0214 to request a ballot. To be eligible to vote,

students must be registered for credit in a spring class.

The eight candidates receiving the greatest number of votes will be elected senators. Alternates will be the group of eight candidates receiving the next highest number of votes.

UNIVERSITY OF MINNESOTA EXTENSION CLASSES

Registration Office: 101 Wesbrook Hall
Telephone 625-3333

Charles R. Cheesebrough
Editor

Info is a newsletter for University of Minnesota Extension Classes students published 9 times a year - August, September, October, November, December, January, February, March, and April-May—by the Department of Extension Classes, University of Minnesota, 180 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, Minnesota 55455. Second Class Postage Paid, Minneapolis, Minnesota. POSTMASTER: Send address changes to Info, Extension Classes, University of Minnesota, 180 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.

Students are encouraged to submit editorial opinions to the department. For address changes and name removals, see the instructions on the mailing panel.

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, religion, color, sex, national origin, handicap, age, veteran status, or sexual orientation.

The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.

Folklore, fairy tales

Traditional German folklore genres, magic, legends, fairy tales, and ballads are reviewed in **Ger 3641 Introduction to German Folklore**, offered the second 5-week term this summer.

The course is taught by Professor Jack Zipes, who joins the German department this fall. He is an expert on the Grimm brothers and on the modern sociocultural context of folklore and fairy tales.

No knowledge of German is required. May be taken for no credit at reduced cost. See the summer bulletin for a complete description.



Summer musings in the arts, philosophy, and humanities

Dabble a little. The liberal arts and studio arts receive special emphases this summer in noncredit courses from the Compleat Scholar.

Compleat Scholar courses offer convenient, short-term meeting schedules, affordable costs, and expert instruction from both regular and adjunct faculty.

Call 624-8880 for a listing of summer Compleat Scholar courses, including complete descriptions of those highlighted below.

CSch O135 Art and Politics of Culture. Social values and their impact on art; the historical effects of gender, race, culture, class power; tied to collections at the Minneapolis Institute of Arts. Th, 5:30-7:30 p.m., June 15-July 6.

CSch O175 The Urban Landscape and Politics. How the architecture and geography of the city influence our lives. The contributions of Jefferson (planning), Thoreau (private space), and Marinetti (the new downtowns). Field trips. T, 6:30-8:30 p.m., June 13-20.

CSch O415 Walden at Wilder. A look at Thoreau styled in the manner he lived. Lecture and discussion complemented by music and natural surroundings at the Wilder Forest Center. Two day-long sessions, 9 a.m.-4 p.m., June 17 and July 22.

CSch O184 Gardening Between the Old World and the New—European Influences. A history of gardens—from the artistic and aesthetic to the practical and recreational. Examples from the

Arboretum. T, 10:15 a.m.-12:15 p.m., June 20-July 18.

CSch O152 First Impressions. The development and new importance of prints and printmaking—to the artists, to the new collectors and appreciators now able to afford art, and to the arts community. Offered in cooperation with Walker Art Center. W, 6-8 p.m., July 12-Aug. 2.

CSch O408 The Unbearable Lightness of Being: Milan Kundera. The

novelist, his impact on the genre, and his chronicling of the human condition. W, 9:30 a.m.-11:30 a.m., July 12-Aug. 16.

CSch O122 Painting in Watercolor. The soft pastels of watercolor blend and flow to create a dreamlike image—perfect your technique with an expert, patient mentor. T, 10 a.m.-noon, June 20-July 25.

Plus: creative writing; poetry writing; magazine writing; drawing; river stories; art of the Ming Dynasty; and more.

Traveling—University style

Try a tour with a difference this summer—a University of Minnesota Study and Travel Adventure.

These noncredit study tours are led by University instructors. They combine learning with a vacation. Itineraries include chances to stop and study, to think about what you're doing and seeing. If you're a little bit adventurous, you'll find this sort of travel to your liking.

Call 624-3300 for detailed itineraries and price information about the tours described briefly below.

Wildlife and Wildlands of Alaska (July 28-Aug. 8). A natural history tour to the last wilderness frontier featuring dense green forests, rugged mountains, blue-white glaciers, and caribou, moose, whales, arctic loons, trumpeter

swans, and more. Kenai Peninsula, Anchorage, Denali National Park, Valdez. Led by wildlife professor Jim Cooper.

The Soviet Union: Past and Present (Sept. 7-20). The great palaces and museums of Leningrad, tsarist Russia's window to the West that later became home to the revolution. Moscow, the heart of modern Russia, home to Red Square and the Kremlin. Planned excursions (tentative) to Georgia or Armenia, the Caucasus, and local historical and cultural sites. Associate professor Adele Donchenko is the leader.

Your college degree starts here

If you have been thinking about going back to school and don't know where to begin, plan to attend our free, informal back-to-school workshop, Thursday, May 18, 6 to 9 p.m., at 135AC Earle Brown Center on the St. Paul campus (rescheduled by a March blizzard).

You'll find answers about courses, degrees, certificates, financial aid, and other student services. Learn about vocational testing and career-planning workshops you can take, too, to help in your planning.

If you are not confident about your study skills, find out what kind of help you need. You'll learn about the free tutoring in note taking, outlining, theme writing, reading, grammar, and study techniques.

There will be plenty of time for questions and answers. Free parking is available in the lot adjacent to the Earle Brown Center.

To register, call 624-2511.



Philosophy professor John Dolan, a Thoreau scholar, leads a two-day workshop focusing on Thoreau's writing in a setting the American thinker/writer would approve of—the idyllic Wilder Forest Center (CSch O415).

Aid programs in the summer

If you need financial aid to continue your studies this summer, a number of grant and loan funds will be available. Options include Pell Grant, Minnesota Part-Time Student Grant Program, College Work-Study, Stafford Loan (formerly

known as Guaranteed Student Loan), Supplemental Loan for Students, Parent Loan for Students, and SELF Loan.

Additional grant and scholarship aid will be available for the 1989-90 academic year. Many aid programs utilize

the ACT Family Financial Statement; other programs require separate applications. A timely application will improve your chances of being considered for aid programs which have limited funds. Many 1989-90 applications are available now.

Requirements vary by program, but all require considerable advanced planning. Most funds require admission to a degree or certificate-granting program. A number of aid funds restrict eligibility to students who have not yet earned a bachelor's degree. More information is available at Extension Counseling, 314 Nolte Center (625-4334).

Do some personal pathfinding

Career planning starts with you. This spring, you can get started on the right track through the popular career planning workshop offered by the Extension Counseling Office.

The workshop provides an overview of the career planning process and assists participants with clarifying their skills, interests, and values as they relate to career decision making. Workshop topics include how to gather occupational information, evaluate career alternatives, and develop an action plan.

The workshop meets Mondays, 6 to 8 p.m., May 1 to June 12 (six sessions).

Cost is \$85. For information, contact the Extension Counseling Office, 314 Nolte Center; 625-2500.

Humanities correction

The list of creative figures to be studied given in the course description for Hum 1004 in the Extension Classes summer bulletin (page 63) is incorrect. Instead, those figures named should be Lenin, Freud, Kafka, Eliot, Duchamp, Klee, Kollwitz, Dali, Picasso, Stravinsky, Schonberg, Bartok, Wright, and Gropius.

.....
A free workshop on financial aid options will be offered by the Extension Counseling Office on Monday, May 8, 6-8 p.m., in 235 Nolte Center on the Minneapolis campus. If you would like to attend this workshop, call the counseling office at 625-2500. Space is limited.

Commencement exercises: IT, others

The commencement ceremony for Institute of Technology graduates is Friday, June 2, at 7 p.m. This event is for anyone who completed graduation requirements from summer 1988 through this spring quarter 1989. Contact the IT Student Affairs Office, 624-8504, for information.

Students completing graduation requirements in other colleges who want information about commencement may check with the Extension Counseling Office for information or referral to their college offices; call 625-2500.

CPsy advising

Have questions about requirements, courses, options? Want to know who is teaching a class? Need information on research assistantships or internships? The Undergraduate Advising Office for Child Psychology is open until 6 p.m., in 106 Child Development building, several evenings per week. Call 624-1891 or stop by in person. Courtesy guaranteed.

Spanish teachers can apply for study in Spain on fellowships

High school Spanish teachers are eligible for \$2,000 fellowships to study in Spain this summer as part of a new program administered through the Global Campus in the Department of Extension Classes. The scholarship program has been endorsed by King Juan Carlos I.

The Quincentennial Fellowships Program is a cooperative effort of the Global Campus and the Spanish National Commission of the Quincentennial of Columbus's Discovery of America (1492-1992) and the José Ortega y Gasset Foundation.

The academic program is based in Madrid at the Moncloa campus of the Universidad Complutense, Ciudad Universitaria. Students select a course from each of three areas: language study, Spanish culture, and materi-

als/classroom applications. The program totals nine semester credits, offered through the Spanish and secondary education departments. Dates are July 3 to August 4. Included is a week-long cultural field trip to Sevilla, Cordoba, and Granada. (Check on availability of graduate credit.)

For more information, contact the Global Campus, 202 Westbrook Hall; (612) 626-7134.



More financial aid workshops

Two free workshops on financial aid options are scheduled later this spring and summer by the Extension Counseling Office. Sessions are planned for May 31 and June 26. Students interested in knowing more about financial aid options for next year may attend.

Workshops meet 6 to 8 p.m. in room 235 Nolte Center, 315 Pillsbury Drive S.E. To register, call 625-2500. Space is limited.

CEE Anniversary Scholarships recipients

As part of the 75th anniversary of Continuing Education and Extension, three merit-based tuition scholarships were awarded.

The anniversary scholarship program was such a success, according to financial aid adviser Fran Van Slyke-Zaslowsky, that it will be continued next year. The program is designed to serve adult and part-time learners. Awards are based on achievement, ability, and clarity of objectives. Recipients this year were Joan Havens-Kester, Carol Erickson, and Robyn Cousin.

Havens-Kester is a senior in University College's Inter-College Program with concentrations in speech-communication, business communications, and foreign studies. "Although I had a strong desire to have a college education, 15 years and four children intervened," she writes of the interruption in her higher education. Havens-Kester had a 3.89 grade-point average at the start of fall quarter. She was local and regional president of Phi Theta Kappa, the honorary scholastic fraternity for two-year colleges, while a student at Normandale Community College.

Erickson is a junior high school teacher in the Elk River school district, active not just in the classroom but in committee, department and extracurricular activities. She put herself through college as an undergraduate 25 years ago and recognizes the value of a hard-earned education, a bond she shares with all Extension students. Erickson is completing the certificate in Al-

cohol and Drug Counseling and hopes to go on to graduate work in secondary counseling. She writes: "Because I need

be a full-time student, so it will take me a bit longer than usual to achieve my goals. I will achieve them, however, one day at a time, one class at a time, one goal at a time."

Cousin is the Coordinator of Volunteer Services for the Minneapolis Public Schools. She has a B.S. degree in industrial education, currently carries a 4.00 grade-point average, and is pursuing a master's degree in vocational-technical education. She is one of nine children. "Fortunately, my mother was able to impart to me that I did have control over my choices in life. I always knew I would attend college", she wrote in her application. Cousin has traveled extensively through her work as a volunteer and in particular through the YWCA, where she is a member of the national board.



a paycheck to cover my part of family expenses and tuition, I cannot afford to

Skills center can help

Need help with study methods? The Extension Classes Reading and Writing Center can help you develop a wide variety of academic skills.

University president will meet with student board

University president Nils Hasselmo will visit with the Extension Classes Student Board on May 26, 6-6:30 p.m., in the library in Nolte Center, on the East Bank campus. Extension students are welcome to attend.

The center's student tutors can work with you in writing, reading, and study skills. If you want to improve your ability to interpret and follow assignment directions, organize ideas, write with clarity and precision, take notes from lectures or readings, read more efficiently, or prepare for tests, just stop by.

The Reading and Writing Center is in room 1, Nicholson Hall. It's open 9 a.m. to 8 p.m., Mondays through Thursdays (until 3 p.m. Fridays), when classes are in session (closed weekends and between quarters).

Summer registration

TERMS

First 5-week term June 13 (Tuesday) to July 18
 10-week term June 13 to August 23
 Second 5-week term July 20 to August 23

REGISTRATION DATES

By mail (first 5-week and 10-week terms) May 8 to May 31
 (second 5-week term) May 8 to July 5
 In person (first 5-week and 10-week terms) May 23 to May 31
 (second 5-week term) May 23 to July 5

REGISTRATION OFFICES

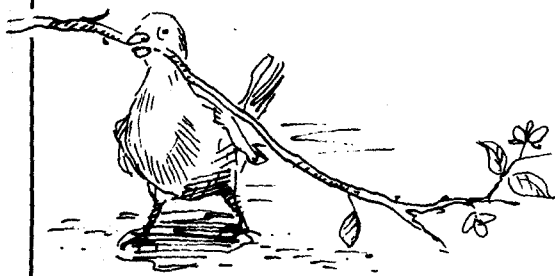
Minneapolis campus 101 Wesbrook Hall
 Downtown MacPhail Center 1128 LaSalle Ave., Minneapolis
 St. Paul campus (in-person registration only) 130 Coffey Hall

All registration offices are closed weekends and holidays.

Mail registrations received before May 8 will be returned to the student. Students are urged to register by mail for all classes (limited and unlimited). **May 31 is the last day to register without a late fee for 10-week term classes and first 5-week term classes; July 5 is the last day to register without a late fee for second 5-week term classes.**

Students who reserve space in limited classes during in-person registration must pay tuition by May 31 (for all terms); otherwise their spaces in classes are forfeited.

See the Summer Evening Extension Classes Bulletin for complete registration instructions, dates, and hours. For information, telephone 625-3333.





Extension Classes
 University of Minnesota
 180 Westbrook Hall
 77 Pleasant Street S.E.
 Minneapolis, MN 55455
Info (USPS 711-240)

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Expression and education in the arts

The Split Rock Arts Program returns this summer combining people, learning, and place to provide an exciting experience in the arts.

The program is based in Duluth, a location that offers the facilities of a major college campus but the charm of a small city with the natural beauty of the North Shore and the north woods close at hand.

Through week-long classes you can explore an art in an inviting, supportive atmosphere in workshops led by accomplished artists.

Topics abound—work with a master calligrapher from China, create original prints, learn paper casting from an Indian artist, write a poem or short story or longer fiction, write or illustrate children's stories, prepare a visual or written journal, handbuild pottery, investigate artmaking's connection to the subconscious, create fabric art or design quilts, photograph nature or documentary subjects—more than 40 workshops are available.

A special emphasis this year is on the work in fiber and fabric by seven in-



SPLIT ROCK arts program

Duluth, Minnesota

novative artists/instructors: Morgan Clifford, weaving; Chad Alice Hagen, felt wall work; Ana Lisa Hedstrom, wearables; Michael James, quilts; Kari Lønning, baskets; Mary Walker Phillips, handknits; and Susan Wilchins, fabric collage.

Courses are offered for credit, but noncredit, reduced-tuition registration is available. Qualified students may earn graduate credit.

On-campus apartments and excellent food services are available at low cost on the University's Duluth campus.

Split Rock opens July 9 and new workshops begin each Sunday for six weeks.

For information about registration and accommodations, as well as complete workshop descriptions, call the Split Rock Arts Program at 624-6800.

Coming soon: your 1989-90 bulletin

Watch for the 1989-90 Extension Classes Bulletin this summer. It is in production now and will be available in mid-July. You will receive a copy automatically if you have registered for an Extension class any time in the last two years (and notified us of any address changes during this period). If you do not receive a copy by August 1, call 624-2388 to request one. Registration for fall classes starts by mail August 14.

Education you won't outgrow

Elderhostel, a living-and-learning experience just for seniors, has an early season offering this year, **Deep in the Virgin Forest: Spring in the Mississippi River Headwaters Country**, at Itasca State Park, June 4-10.

Participants will explore the natural environment, identifying birds and plants and learning about forest and lake environments as well as park management and preservation of natural resources.

Accommodations are at the historic and carefully preserved Douglas Lodge.

At the Twin Cities campus, June 18-24, an Elderhostel session on campus features three short courses: **Who Decides? Moral Issues in Health and Law; Feeding the World—Fact or Fantasy?**; and

Music in the Summer—Listening and Enjoying.

Elderhostel is for persons 60 and older and includes noncredit study and other activities in a week-long program; cost is \$235. For information, call Elderhostel, 624-7004.

Holidays

Offices will be closed and no classes will meet on the following University holidays:
 Memorial Day (May 29)
 Independence Day (July 4).