

INFO

A Newsletter for Continuing Education and Extension Students

Fall registration is here

Registration for fall classes begins this month. Dates and procedures are outlined here, but be sure to refer to the new 1991-92 Extension Classes Bulletin, pages 10-13 and 20-25, for complete information.

MAIL REGISTRATION

August 12 to September 11: 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.

You 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 helpful for coding purposes. Include your University I.D. number if you have one.

Registrations are processed daily; early registrations (received before Aug. 12) 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 of a course you want, include an alternate choice form or a note giving your second and third choices.

IN-PERSON REGISTRATION

September 3-11: 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 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. 11); 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 11 is the last day to register without a late fee for most fall quarter and fall semester classes.

Fall classes begin Sept. 23 (Monday).

Reward offered



Completing a college education is hardly an endeavor for those who want instant gratification. Like most things in life worth having, it takes some dedication and time. But the personal satisfaction isn't gone in an instant either. This is a lifetime accomplishment, after all.

Your college degree from the University of Minnesota gains value for you every year. Regardless of when you started, when you finish, or how old you are. It can lead to a new career, better income, and graduate education. But even if it doesn't, when you step up on stage to receive that diploma, you know you've achieved something that you really wanted, something no one can ever take away from you.

Even if you work full time or have a family, you can take evening Extension classes from the University. Or you can enroll in Independent Study courses—specially designed college courses where you complete work on your own schedule and submit it to your instructor for evaluation.

The University of Minnesota is affordably priced, centrally located, and has been serving adult and part-time students for over 75 years through Continuing Education and Extension. More than 30 majors and degree options are available through Extension registration.

It may take a few years to complete college, and sometimes the demands on your time and energy will challenge you. In the end, only you can decide if finishing a college degree was worth it. But you'll always be a college graduate.

Advanced degrees for teachers

A new cooperative program of the College of Education and Continuing Education and Extension, "The Master Teacher," provides practicing teachers with new master's degree options and related course work.

Three master's degrees will be available with most of the required courses offered off campus at the Capitol View Learning Center in Roseville. They are the M.Ed. in Leadership and the M.Ed. in Second Languages and Cultures (available now) and the M.Ed. in Kinesiology (starts fall 1992).

The classes also will be broadcast to interactive television classrooms in high schools in Stillwater and Spring Lake Park. The unique delivery system permits teachers to take classes at these remote sites. The technological support and Capitol View Center facilities are provided through Northeast Metropolitan Intermediate School District 916.

Program director Judi Linder says the Master Teacher reflects a renewed em-



THE MASTER TEACHER

GRADUATE DEGREES AND COURSES
COLLEGE OF EDUCATION
CONTINUING EDUCATION AND EXTENSION

phasis from the College of Education on serving working teachers. "These are quality master's programs in areas important in education today, such as site-based management and international education," Linder says.

Staff in CEE are committed to an emphasis on services that will facilitate stu-

dents' participation in the program and help assure their success, Linder says. These include:

- Course scheduling that permits completion of the master's degree in three years.
- Convenient late afternoon and evening classes.
- The option of taking required courses at Capitol View or at the interactive remote sites.
- Easy mail registration and centralized support services through a separate CEE office designated for the Master Teacher program.

For information about degree requirements and a Master Teacher program brochure, call 625-1855.

1991-92 tuition

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.

Tuition and other fees are given with each course listed in the Extension Classes bulletin.

Correction: Because tuition was not determined until late May, the general description of tuition and fees on page 33 in the 1991-92 bulletin was not updated from last year. Figures given there, as indicated, are for the 1990-91 school year. Note the 1991-92 tuition costs given below. (Tuition and fees are subject to change without notice.)

All 1000-level courses, regardless of college, are \$60.75 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—or school or department in some cases—are used (subject to change without notice).

General College	62.00
Liberal Arts	62.00
Public Affairs	62.00
University College	62.00
Management	68.75
Architecture, Landscape Arch	73.00
Institute of Technology	73.00
Education	73.00
Human Ecology	73.00
Agriculture	73.00
Biological Sciences	73.00
Natural Resources	73.00
Nursing	73.00
Pharmacy	76.75
Public Health	81.25
Health Science Units	81.25
Physical Medicine	81.25
Veterinary Medicine	107.75
Medical School	112.50
Graduate School	136.00



The Master Teacher program, a significant new outreach effort designed for working teachers, is organized and taught by regular faculty from the College of Education. From left: Karen Seashore Louis is professor and chair of the Department of Educational Policy and Administration. Diane Tedick is an assistant professor of curriculum and instruction who teaches in the M.Ed. in Second Languages and Cultures Program. Charles Bruning, associate professor of curriculum and instruction, will teach two of the courses in the program in 1991-92.

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.

Better planning makes for better managers

What do Grumpy, Sleepy, Doc, Happy, and Dopey have in common with the new Saturn automobile? They're all products of careful operations planning, says Lee Wickstrom, the Extension coordinator and professor in the Department of Operations Management Sciences.

The storyboarding technique Walt Disney used extensively in 1938 to outline "Snow White," the first feature-length animated film, Wickstrom and other planners used in setting up the systems for Saturn.

"Laying out the story in pictures permitted Disney and his animators to establish the behaviors for the characters and to develop relationships among them," Wickstrom noted. "He could 'tweak' the dwarfs along the way—fine tune them and give them their personalities." The process not only framed the story but it helped refine content, he points out.

Saturn and systems

Conceiving and building the Saturn went beyond tweaking dwarfs. First of all, the identity was set and the purpose was clear—duplicate in a domestic car the engineering, reliability, and crafting that foreign automakers were achieving. The charge to the innovators was to find the systems that could accomplish that outcome.

Wickstrom, a Honeywell industrial systems designer at the time, became part of the Saturn team that worked for nearly three years doing the advance systems planning. "Tremendous preparation went into conceiving the car and how it would

be built and sold," he says. They studied the Volvo team production and assembly methods, just-in-time materials delivery used by the Japanese, and the service and computer diagnostics pioneered by the Germans. The information relationships between the systems were storyboarded and analyzed at Saturn to show the potential organizational models. "It proved to be an excellent descriptive tool," Wickstrom says. He worked on several phases of the operations implemented for Saturn, including materials and inventory, shop floor data systems, production line scheduling, and quality assurance.

Although the applications can be complex, Wickstrom says such systems planning is pretty straightforward. "It's a matter of working with people in identifying and applying operations strategy—thinking through what you do and when you do it," he says. In fact, Wickstrom always carries around his prepared set of 13 three-by-five note cards, "doing demonstrations on the fly," he says, to show people how crucial recognizing steps and putting them into the proper sequence can be in any organization. "If you can collect data, analyze it and turn it into useful information, you then can identify your options or further improvements," Wickstrom says.

From private sector to public university

Wickstrom returned to academia from Honeywell in 1989, taking an early retirement, to become the Extension coordinator in the OMS department in the

Carlson School of Management. He had worked in the business world for 29 years after completing his Ph.D. at the Illinois Institute of Technology. He plans and schedules 25 courses a year, working with regular and adjunct faculty and teaching assistants. He also coordinates new courses designed specifically for practitioners, the APEX courses, where faculty and students work firsthand on applications for the operations management principles they discuss in class.

Of course, Wickstrom's teaching techniques are systematized. In his introductory operations management classes, he

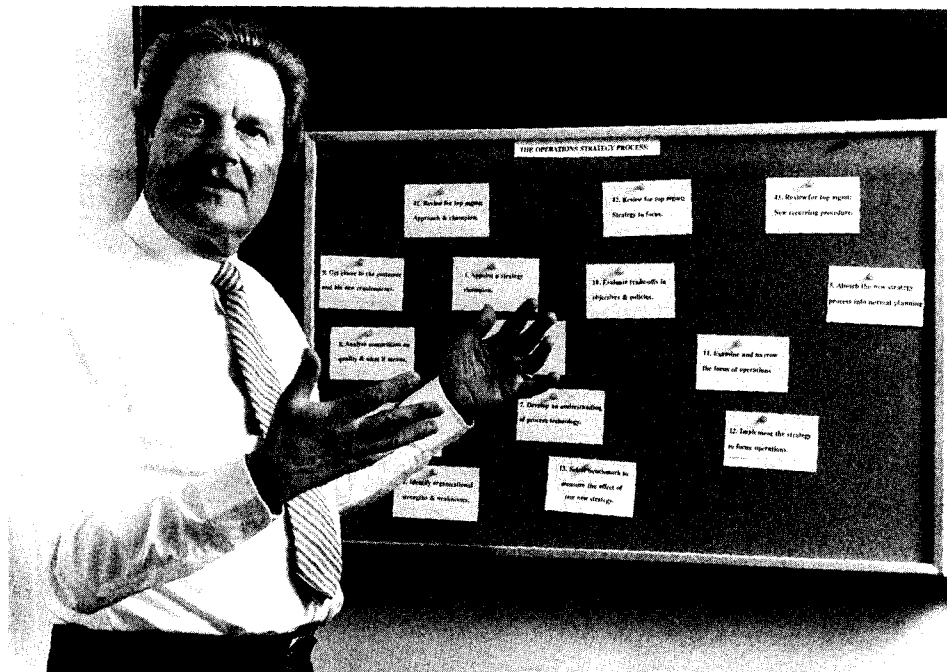
The information relationships between the systems were storyboarded and analyzed at Saturn to show the potential organizational models.

has organized the content into modules that he combines to explain and demonstrate important concepts. He uses subject-direct overheads, he says, to raise a question, discuss possibilities, and then offer a structured solution on the next overhead, which often leads to another question. "I think it draws students into the idea better when they have just reviewed a problem or question and worked through the solution possibilities themselves," he says.

Wickstrom says that since his evening students are busy with both work and school, he tries to accommodate them with extended hours and other services. He and the teaching assistants have "open house" on Tuesdays and Thursdays in the late afternoons (before classes begin). Seeking out that extra help, his grade tracking shows, almost always shows up in better grades for students, he points out.

Students come to talk not only about the courses and assignments, but also to ask about operations systems and management science as it applies to their careers or further education. Many want to talk about what it takes to get ahead on the job, even about preparing for interviews or bringing ideas to their co-workers about what they discuss in class, he says.

For example, a student was referred to him who had an interview and was concerned about what might be asked and



Lee Wickstrom, Extension coordinator in Operations Management Sciences, carries his traveling systems show in his briefcase "giving demonstrations on the fly" to show the value of operations analysis.

continued page 4

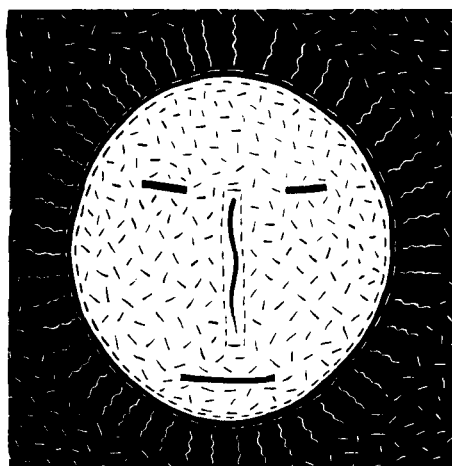
Arts or business—new choices from the Compleat Scholar

Whether it's your imagination or career that needs a boost, new noncredit learning options from the Compleat Scholar and Split Rock Arts Program are for you.

Mind and Muse

This special series of weekend retreats in the arts and humanities encourages artists and art appreciators to learn more about their world and themselves while developing and applying their own creativity—often in unique, interdisciplinary ways. Participants are encouraged to combine intellectual exploration with hands-on artistic experimentation.

MIND AND MUSE



Each retreat is led by a team of outstanding scholars and artists from the University faculty and from across the state. The topics range from the timely to the timeless; the setting usually is specially selected to inspire or complement your learning and reflection.

Mind and Muse is a cooperative program of the Compleat Scholar and the Split Rock Arts Program.

Call 624-8880 for complete information about the Mind and Muse retreats listed below. Registrations are accepted now for all these programs. VISA and Mastercard payment accepted.

Images of the Prairie (Sept. 26-29). An early fall retreat in Pipestone, Minnesota, in which participants will explore the natural and cultural history of the prairie through lecture, discussion, and creative writing or photography; time provided to discover the land, the sky, the flora, the fauna, and to let creativity flow from the landscape. Led by Tom Scanlon, American Studies professor; Paul Gruchow, Minnesota writer; Craig and Nadine Blacklock, nature photographers.

Tsim Laybn! Jewish Arts of Eastern Europe (Jan. 17-19). An urban winter retreat to learn about and participate in the popular arts which enlivened Jewish families and communities from the Ukraine to the Black Forest until the Holocaust. Par-

ticipants will partake of authentic food and festivity, learn about religious textile art, Yiddish theatre, and more, and sing and dance to live *klezmer*, the raucous dance music of the Eastern European Jewish ghettos. (The Yiddish phrase *Tsim Laybn* means "To Life.")

The Word, The Eye, The Hand: Native American Arts of Minnesota (June 5-7). A spring retreat centering on the history, cultural context, and contemporary practice of traditional Native American arts. Traditional foods, writing, and Indian crafts such as beadwork and basketry.

Professionals At Work

The Professionals at Work program is a new twist on an old program called "People At Work." Whether you aspire to management or are a veteran, you'll find a course to sharpen career skills among the more than 25 courses offered this fall in management and leadership, professional self-development, communication, marketing, computers, and operations.

Most courses meet in one- or two-day seminars or as short-term evening classes. Many are held at the easily accessible Earle Brown Continuing Education Center on the St. Paul campus.

The program leaders are experts, with something to say whether they come to the classroom from the private sector,

Wickstrom from page 3

how she could respond, particularly about applications in which she wasn't experienced. "I told her to ask herself what she had learned and to demonstrate her knowledge of that. She knew about business functions, about the concepts of systems, and she knew the vocabulary of operations management—she had a good starting point not only for the interview but really for the job," he says. "We can't teach people how to get a job necessarily, but we often end up talking about what's important on the job."

Evening students are enthusiastic, Wickstrom says, because many already are working in operations areas, although they may not yet have professional positions. "Many can't wait to go to work and report on what they're covering in class, maybe try to impress the boss with a systems idea that they think could be implemented immediately."

Lee cautions against moving too fast. "You may be alone in your thinking about changes and find yourself in trouble." He urges students to plot a course, to find co-workers who agree with their views or are willing to try something new. "Ally yourself with a team, that's where change comes from best," he says. "If you're in a group, you'll have support for ideas, then the

government, or the University.

A sampling of course titles is given here. Call 625-0174 for a descriptive brochure.

Management Skills for Women. Sa, Oct. 12, 8:30 a.m.-4:30 p.m.

Doing Business with Japanese Companies. W, Oct. 2-Nov. 6, 5:30-8 p.m.

Advertising for the Small Business. T, Oct. 1-29, 3-5 p.m.

Professional Selling: Closing Skills. Sa, Nov. 23, 9 a.m.-1 p.m.

Delivering Effective Presentations. W, Oct. 9, 8:30 a.m.-4:30 p.m.

Negotiation Skills for Purchasing Man-

PROGRAMS FOR

▼ PROFESSIONALS ▼ AT WORK

agers. WTh, Oct. 16-17, 8:30 a.m.-4:30 p.m.

Computer Systems Management for the Line Manager. Th, Oct. 3-31, 6-9 p.m.

Computer courses. Select from several topics including word processing, micro-computer introduction, WordPerfect, Lotus 1-2-3, intermediate Lotus, Microsoft Windows 3.0

team can negotiate, become empowered so that changes can become reality, not just proposals."

Team work is incorporated into his classes, too. Students are divided into teams of four or five and instructed to design the operations of an imaginary company making a new product or offering a new service. The members must schedule meetings, agree on tasks, divide responsibilities, reach consensus, and then coordinate the outcome—a written report that counts for 30 percent of their grades and a presentation to the class (currently optional).

The team process spreads out knowledge in another way because it requires the members to apply what they learned in class. Generally, he says, the weaker students benefit through learning from their classmates and rising to the expectations others have for them while carrying out their parts of the project. "Contributing as an equal partner is a real confidence builder if they make the effort," Wickstrom says. The best students have to demonstrate their leadership skills since they often find themselves organizing and explaining (or persuading) while recognizing that delegation is necessary to keep the work load fair.

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

Fall quarter registration is the busiest time of the year so detailed advising and transcript evaluation usually will have to be postponed until later in the fall. However, advisers can assist you with course selection and other procedures for enrollment into Extension classes. (If you are new to University Extension, you may want to attend one of the information meetings described below.)

For your convenience, advisers can answer many of your questions by telephone. While phones may be very busy (resulting in a waiting period), advisers will respond to your questions as quickly as possible either when you call or by returning your phone call. Call 625-2500 for assistance.

Information meetings help you get started in college

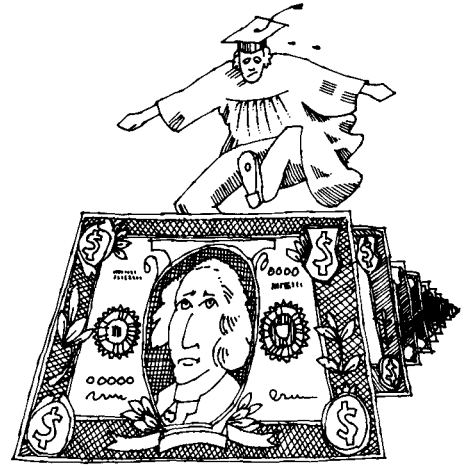
If you are new to Extension or to the University, you may have many questions about selecting courses and registering. The Extension Counseling Department can help—group information meetings are scheduled this month and next. Two types of registration information sessions are available. Call the counseling office at 625-2500 if you are interested in attending one of these sessions.

Evening, correspondence, and TV/radio courses: These sessions are for prospective students who want to know more about evening Extension classes (offered through the Department of Extension Classes) or courses by correspondence, television, or radio (offered through the Department of Independent Study).

The sessions provide you with information about registration procedures, se-

lecting courses, general requirements, degree program information, and an overview of the University system. Students will be able briefly to discuss with an adviser their individual concerns, including questions about credit transfer.

Day school courses: Students may enroll in many day school classes through Extension registration; this is known as a joint day/Extension registration. This is very useful for part-time students who are able to take classes during the day; some classes are offered more frequently or are only available during the day. These joint day/Extension registration sessions describe the registration process and policies as well as degree admission, general requirements, and financial aid, especially as these relate to joint day/Extension registrations.



Free financial aid workshop

The CEE Counseling Office offers a free financial aid workshop each month. A financial aid specialist will be on hand to highlight grant, loan, and scholarship programs that are available to Extension students; eligibility requirements; and application procedures.

Call the counseling office at 625-2500 for dates and location and to reserve your place.

Loans, grants, scholarships

Adult and part-time students qualify, too

Financing an education can stretch many budgets beyond their limits. If you need assistance with educational costs, there are a number of resources for part-time or full-time study. While financial need is a requirement for many aid programs, merit scholarships and some educational loan programs do not require need. Other requirements, such as admission, minimum or maximum credit load, and residency, vary by program.

Grants and scholarships are the most desirable types of financial aid because recipients are not required to repay them. The major grant programs are the federally funded Pell Grant and the two state-funded programs—Minnesota State Grant and the Minnesota Part-Time Student Grant. All three programs require financial need and are limited to students who have not completed a bachelor's degree.

Adult part-time students of color who have financial need, but are not eligible for other aid, are encouraged to apply

for the IDS Financial Services Minority Access and Retention Grant. The IDS Grant will fund both undergraduate students and students who have completed a degree but need additional undergraduate courses for admission to a graduate program.

Students who have strong academic records may also qualify for scholarships, most of which require financial need. The Nolte, Northern States Power, Remington, Schott, and Mucke/Roff Scholarships were established especially for part-time adult Continuing Education and Extension (CEE) students. Both undergraduate students and students who are enrolled in additional undergraduate work beyond their first bachelor's degree will be considered. In addition, there are a number of other departmental, collegiate, and University-wide scholarships for which Extension students may qualify.

Educational loans can provide additional funding. Loans must be repaid, however, and interest rates and repay-

ment terms vary by the type of loan. Stafford requires financial need and is the largest of the loan programs. Stafford Loan interest is subsidized while the borrower is in school; repayment begins six months after the student drops below half-time enrollment or graduates. Other educational loans, such as Supplemental Loans for Students (SLS) and Student Educational Loan Fund (SELF), do not require financial need, but interest rates and terms are not as favorable as those offered by the Stafford Loan.

Many financial aid programs require admission to a degree or certificate program. Exceptions are Minnesota State Grant, Minnesota Part-Time Student Grant, the IDS Grant and CEE scholarships. Students are encouraged to inquire about admission and financial aid at the same time.

Many aid programs will remain open well into the academic year. For additional information, contact CEE Counseling, 314 Nolte Center; 625-4334.



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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Budget cuts may threaten CEE efforts

By Harold Miller, Dean

Every year, Continuing Education and Extension (CEE) provides access to University of Minnesota courses, degrees and certificate programs, and other learning opportunities to well over 100,000 adult and part-time students.

CEE operates with only modest levels of state support and represents an efficient system that combines citizen interest in part-time study and lifelong learning, faculty interest in teaching adult students, the state's interest in an educated work force, and the taxpayer's interest in careful expenditure of public resources.

As the governor, legislature, and University administrators face agonizing budget choices, it is important that decision makers and the public be informed about how additional budget cuts would affect CEE.

Stated briefly, reductions in support for CEE, beyond those already planned as part of the University Reallocation Plan, would necessitate significant curtailment of programs and services, would limit citizen access to the University, and could endanger CEE's ability to continue its services.

As we prepare to address these challenges, it would help us to hear from students and citizens so that your views on these important issues can be taken into account. We invite you to write or call with comments and concerns or to request further information: Continuing Education and Extension Administration, University of Minnesota, 150 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455; (612) 626-1505.

CEE helps fulfill the land grant mandates of broad and open access to the University in many ways. In addition to the Twin Cities, CEE has centers in Morris, Duluth, and Rochester. Programs are of-

fered through Extension Classes, Independent Study, Professional Development and Conference Services, Summer Session, Concerts and Lectures, Continuing Medical Education, MacPhail, and

Elderhostel. CEE also provides services through the Counseling Office, University Film and Video, and University Media Resources.

Courses on the Middle East

Hist 3505 Survey of the Middle East, 4 credits. Lands and peoples of the Middle East, historical evolution of Middle East civilizations and societies, the status of Middle East countries in world affairs. Fall qtr, sec 1, Th, 6:20-8:50 (bulletin page 286).

IntR 3900 Topics in International Relations: Aspects of the Arab-Israeli Issue, 4 credits. Examine rise of and challenge to nationalist identity, relationship of Zionist and Palestinian movements to governing institutions, role of other states, and ideas for defusing the situation. (No credit for students who have taken IntR 5900/Pol 5810 topics course on this subject) Fall qtr, sec 1, M, 6:20-8:50 (page 314).

MidE 3303/5503 Arabic Drama in Translation, 4 credits. Emergence and devel-

opment of drama as a new genre in Arabic literature under influence of European drama. Different trends studied. "Theater of the Mind", social realist, existentialist, absurdist, experimentalist, epic, and verse drama. Emphasis is on major playwrights of each trend. Plays discussed in cultural and historical context. Discursive writing, theoretical and critical essays. All readings in English. Fall qtr, sec 1, Th, 4:15-7 (page 437).

MidE 3541 History of the Arabs: 500-800, 4 credits. Arabia on eve of Islam. Muhammad and Islam. The Caliphate era—Orthodox Umayyad and early Abbasid. Establishment of Islam as religion, ideology, and way of life. Political and cultural achievements. Empire of the Arabs. Fall qtr, sec 1, T, 6:20-8:50 (page 437).

bulletin changes . . .

All room changes will be posted in the classrooms.

COURSE	CHANGE
AmSt 3112, sec 1	Change to M
Chn 3165, sec 1	Change to spring quarter
Engl 3008, sec 4	Added section: Fall quarter, sec 4, M, 6:20-8:50, MurH 308
Engl 5910, sec 2	Change to 6:20-8:50
EngW 5130, sec 1	Canceled
EngW 5401, sec 1	Canceled
Kin 5720, sec 1	Change to M
SW 5349, sec 1	Added: Social Welfare in America , 4 cr for undergrad students or 3 cr for grad students, \$219 or \$292. Fall quarter, sec 1, TH, 11:15 a.m.-12:30, AndH 350, Chambers.

UNIVERSITY OF MINNESOTA

INFO

A Newsletter for Continuing
Education and Extension Students

Volume 22 / Number 2 / September 1991

Continuing Education and Extension

Bookstores extend hours for 1991-92

University bookstores are open later on weekdays now, and the new hours should be useful to Extension students. Regular hours are 8:30 a.m. to 5:30 p.m. at the Minnesota Book Center and the H.D. Smith Bookstore. At the Health Sciences Bookstore and Books Underground (St. Paul), regular hours are 8:30 a.m. to 5 p.m.

In addition, University bookstores are open extended hours early each quarter to make it easier for you to shop for textbooks and course materials. The additional hours are given below.

Note also that the Minnesota Book Center in Williamson Hall is open Saturdays during fall quarter.

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

Before classes begin: Monday, Sept. 16 through Friday, Sept. 20, this bookstore is open 8:30 a.m. to 6 p.m.

First week of classes: Monday, Sept. 23 through Thursday, Sept. 26, 8 a.m. to 7:30 p.m. (Friday, Sept. 28, 8 a.m. to 5:30 p.m.).

Saturdays: Sept. 7 through Dec. 28, 10

a.m. to 2 p.m. In addition, hours are extended on Sept. 21 (10 a.m. to 4 p.m.) and Dec. 7 (9 a.m. to 4 p.m.).



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

Before classes begin: Monday, Sept. 16, through Friday, Sept. 20, this bookstore is open 8:30 to 6 p.m.

First week of classes: Monday, Sept. 23 through Thursday, Sept. 26, 8 a.m. to 7:30 p.m. (Friday, Sept. 27, 8 a.m. to 5:30 p.m.).

Saturdays: Sept. 21 and 28, this bookstore is open 10 a.m. to 2 p.m.; also Dec. 7, 9 a.m. to 3 p.m.

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

First week of classes: Monday, Sept. 23 through Thursday, Sept. 26, 8 a.m. to 6:30 p.m. (Friday, 8 a.m. to 5:30 p.m.).

Health Sciences Bookstore, 2-544 Moos Health Science Tower, 625-8600. Books for courses in the health sciences.

First week of fall quarter: Monday, Sept. 23 through Thursday, Sept. 26, 8 a.m. to 6:30 p.m. (Friday, 8 a.m. to 5:30 p.m.).

Saturdays: Sept. 21 and 28, 10 a.m. to 2 p.m.

Bookstores are closed on University holidays (Nov. 28, 29; Dec. 23, 24, 25; Jan. 1).

Bookstore tips

- 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 in Composition courses should attend class before buying books.)
- Generally, books are available at the bookstores on the campus where the department offices are located (even if the classes meet elsewhere). In the course offerings section of the bulletin, a note appears near the beginning of each department's listing identifying the appropriate bookstore to find books.
- 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 Oct. 5 provided you have the sales receipt and the books have not been marked, written in, or damaged in any way.
- The best time to sell your fall quarter books back to the bookstore is Dec. 5-11. (Resale of your textbooks is not assured. The bookstore buys back books that have been identified for use in subsequent terms, in good condition, and only in quantities necessary to meet expected need.)
- Refer to pages 29 and 30 in the Extension Classes bulletin for more information about bookstores, hours, and buying and selling textbooks.

Changes in CLA language requirements

Beginning this quarter, the second language requirement in the College of Liberal Arts has been revised. Students may earn credit for the first three quarters of French, German, or Spanish (these will count toward graduation). Students should still begin their language study at the highest level their ability permits; credit is awarded for all courses below the level at which they began language study in CLA. Contact an adviser at CEE Counseling, 625-2500, for information.

College the way it should be

The heart of the University's curriculum has always been available through Extension Classes. Few other college evening programs can duplicate the range in offerings or the number of class sections offered (over 2,000 this year).

Now the soul is emerging. Through several new or recently developed unique courses, you can take small-group classes that stress interaction with University fac-

ulty, stimulating discussion with your peers, and scholarly achievement unequalled anywhere in the country. We call it the Academic Connection.

Several of the options are offered through Interdisciplinary Studies, Honors Seminars, and other collaborative efforts, coordinated through Extension Classes, by leading professors. Classes are offered for credit and meet degree requirements,

but you need not be in a degree program to register. Some have special prerequisites, but most do not and are open to anyone. The object is to offer to adult and part-time students the specialized, in-depth learning that makes a college education something more than just taking classes.

Call 625-3898 for registration information about the Academic Connection courses listed below.

Ways of Knowing

Join a faculty team of six professors to explore ways of knowing in science, the arts, and the social sciences. You'll discuss topics like how a biologist studies genes and their relation to cancer and then compare what you learn to something very different, like how historians interpret political events. You'll see how scholars in various fields frame questions or develop research techniques.

The three-quarter sequence is broken into 5-week segments, each one focusing on a different discipline. Each faculty member leads a section and then becomes a participant with the students for the remainder of the course.

The Sixties Revisited

Join Clarke Chambers, history professor emeritus, in his popular Honors Opportunities course about the 1960s. Scholars from many fields agree that the political, social, and cultural tendencies of the decade constitute an era apart from those that preceded and followed. Five significant social movements will be discussed: civil rights, feminism, environmentalism, neighborhood action, and the anti-war movement.

Registration permission is required through the CLA Honors Office. A 3.50 grade-point average is required; call 624-5522 for complete information.

Ethics: An Interdisciplinary Study

Three distinguished faculty members repeat their popular two-course series on moral problems and ethical decision making. Instructors are Carol Bly, author and lecturer in English; John Dolan, associate professor of philosophy; and Terence Ball, political science professor.

Common issues and questions will recur over the fall/winter classes, but the instructors will also focus on the specific treatments of the topic within their disciplines. In the literature portion, students will read selections by D.H. Lawrence, George Orwell, Alice Walker, Michael Dennis Browne, Louis Simpson, Susan Lowell, Alice Munro, and others. Philosophical papers by John Rawls and Ronald Dworkin are included and discussion of moral principles and standards and their application in current debates. Political consideration is given to duties within and beyond borders when that term pertains not just to physical space but also to time and to differences among creatures who share this world.

Advance registration is required; call 625-3322 for information about the ethics series.

World history—the big picture

Two new comprehensive history courses review world history in an innovative way. Rather than attempting to survey the

events of world history, a selective review of past events is used to illustrate the present in **Hist 1012, 1013 Introduction to World History**.

A comparative method of study that emphasizes processes (the development of agriculture) and institutions (such as the nation-state) and by studying a wide variety of examples helps avoid the Eurocentric perspective common in modern history. Major themes are identity (manifested in many different elements of social organization) and livelihood (cultural change and related economic interaction). The first course covers world civilization in the era of global contact, 1450 to 1960. The second course focuses on the world today and the recent past. Offered on the 15-week semester term (Sept. 23 to Feb. 8; Feb. 1 to June 13). Courses are independently organized. Register for either or both.

Later this year

Physics on Trial (ID 3333). Roger Jones, associate professor of physics and astronomy. Science as viewed from the humanities. Winter quarter.

Garbage, Government, and the Globe (ID 5525-5526). An interdisciplinary faculty team reviews the effects of garbage on environment, health, economy, and future generations. Winter-spring quarters.

American Economics and Politics: An Interdisciplinary Approach (Econ 1102/Pol 1001). A 9-credit combined offering of these two fundamental courses that reflects the real-life integration of these subjects. Spring quarter.

The Fall—Then and Now (HSem 3080). Toni McNaron, professor of English and women's studies, explores the significance of the theological fall in the lives of European artists and writers in the 16th and 17th centuries, in visions of America as an Eden ruined by industrialism, and in American public reaction to war and assault on natural resources. Spring quarter.

Marathi added

Marathi, one of the principal regional languages of India, will be offered in a beginning course this fall. Call 626-7311 for information.

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.

Learning that's out of this world

A tour of our solar system with astronomy professor Robert Pepin in his new fall non-credit class promises side trips more exciting than the itinerary of regular stops.

"We'll start with discussion of the origins of the solar system and the many discoveries we've made over the last 30 years," he says. But it's the intriguing details that stir up interesting questions, he says. For example, the discovery of craters on planets raises the question of what influence meteor impact could have had on planets. Could it influence climate to the point of biological extinction? Is that what happened to earth's dinosaurs?

New library procedures

Changes in the University Libraries automated system, LUMINA, will require that all library patrons have a barcoded ID card for transactions at the circulation service desks.

The barcoded ID, when scanned with the barcodes on library materials, will enable staff to check out, renew, or recall books more quickly and efficiently. Other enhancements to the system include on-screen information about the availability of materials so students can tell at a glance if a book is checked out, at the bindery, etc.

Extension students may obtain a barcoded ID card at no charge at the ID office in 248 Williamson Hall (625-9357). The I.D. office has extended hours the first three days of the quarter (until 6 p.m. the first day; until 5:30 the second and third days).

In addition, Extension students can be issued temporary barcoded I.D. cards, valid for one quarter only, at the libraries during the first two weeks of fall quarter. Library staff are available to process requests from 4:30 to 9:30 p.m. on Monday through Thursday evenings the first two weeks of the quarter (Sept. 23 to Oct. 3) at Walter, Wilson, Bio-Medical, and St. Paul Central Library.

Stop by the circulation desks of these University libraries main locations for more information.



What about the future of interplanetary travel? What is the status of propulsion technology and other design and engineering factors that influence how far and how fast we can go? Long-lived Voyager gave us new perspectives on the outer planets, Pepin says. Since then we've launched *Magellan* on its Venus fly-by and *Ulysses*, headed for the sun. What do we learn from such star searching, and how will we profit, in every sense of that word? Can space exploration produce economic resources that justify its expense?

The lectures are illustrated with many slides, Pepin says, a visual record, often spectacular, that's only recently been compiled. "Spacecraft cameras have given us stimulating, compelling photographic images," Pepin notes, that inform us but also intrigue us.

* * *

See the description for **CSch 0565 Visits to Small Planets and Large: The View from the Other End of the Telescope** in the bulletin. Or call 624-8880 for registration materials. Inquire also about:

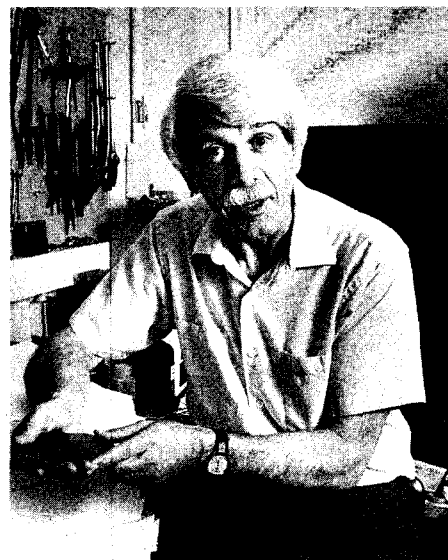
Quarks to Quasars: An Overview of 20th-Century Physics (CSch 0560). Phys-

Learn more about financial aid

A free financial aid information meeting is scheduled each month by the CEE Counseling Office. Plan to attend if you want to learn more about loans, grants, and scholarships to help you continue your education. Call 625-2500 for time, place, and to reserve your spot.

ics professor Roger Jones covers the many discoveries that have changed what we know about physics and cosmology: the big bang; quantum theory; atomic and nuclear physics and energy; and modern unification theories. Emphasis is on qualitative and conceptual understanding.

Rainbow Warriors or Ecoterrorists: How Best To Save the Planet (CSch 0582). Civil disobedience and confrontation—is radical action necessary to accomplish the reforms needed to protect our environment? Or is it wrong, even counterproductive? A review of the divergent opinions and groups, from The Nature Conservancy to Ecoavenger, concerned with environmental protection. Taught by Bill Cunningham, professor of biology.



Pepin

from the student board

Imagine you making a difference

You can make a difference as part of the Extension Classes Student Board. Our work is based on the input and participation of people like you—Extension students. That's why we've concentrated on issues important to adult and part-time students. Issues like campus lighting and security, availability of graduate-level opportunities, and financial aid.

With just a small investment of your time, you can help make the University a better environment for its diverse community of students. You'll also gain leadership skills, meet new friends, and help make a difference.

You're invited. Come walk with us in the University Homecoming Parade on Friday, October 11. Come dressed for work and demonstrate the fact that it's our "U," too. Bring your family. We're planning on refreshments and some other activities and announcements. Meet in the newly remodeled Nolte Study, a casual meeting place especially for evening students, on the ground floor of the Nolte Center at 5:30 p.m.

And stop by a student board meeting, whether it's to raise an issue or just to listen. Meetings this fall are at 6 p.m. in the Nolte Library (room 125, adjacent to the Nolte Study) on Sept. 13, Oct. 18, and Nov. 8.

Call with questions, 625-1078.

EC2

University Archives
10 Walter Library
Minneapolis Campus
CAMPUS MAIL

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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Extension Classes
University of Minnesota
180 Westbrook Hall
77 Pleasant Street S.E.
Minneapolis, MN 55455

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Registration: last call for fall

You can still register for fall term Extension classes.

Registration by mail started Aug. 12 and continues through Sept. 11. In-person registration is Sept. 3-11 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. 6, when the office closes at 4:30 p.m.).

MacPhail Center, 1128 LaSalle Avenue—Downtown Minneapolis. Registra-

tions are accepted at the MacPhail Center office between 9 a.m. and 8 p.m. (except for Friday, Sept. 6, 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.

130 Coffey Hall—St. Paul Campus. Registration forms and tuition checks accepted 9 a.m. to 4 p.m.

All registration offices are closed week-ends.

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. 11 for most classes.

If you miss the Sept. 11 deadline, you can register by mail with a \$5 late fee on Sept. 12 and 13. Late registration in person resumes on Sept. 16 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. 23).

AIDS courses

Anth 5920 Topics in Anthropology: Anthropology of AIDS, 4 credits. Analysis of Acquired Immune Deficiency Syndrome (AIDS) phenomena in its cultural, social, economic, medical, and psychological dimensions. Fall qtr, sec 1, TTh, 6:20-8:50 (bulletin page 89).

HSU 5010 Public Health Approaches to AIDS, 3 credits. A survey of HIV infection from a public health perspective with emphasis on intervention. Topics include epidemiological and clinical features of HIV infection, the impact and response of affected communities and populations, and behavior change principles as they apply to communities, schools, and social policy. Community resources supplement lectures with case presentations. Fall qtr, sec 1, MW, 4:40-6:25 (page 277).

Soc 5960 Topics in Sociology: AIDS: A Sociological Perspective, 4 credits. AIDS is a social crisis. It is a medical emergency that embraces both private problems and public issues which demand sociological attention. The course will explore the multi-sided character of the disease and its impact on contemporary American society and the world. Fall qtr, sec 3, Th, 6:20-8:50 (page 434)

bulletin changes . . .

All room changes will be posted at the classrooms

COURSE	CHANGE
AmSt 3112, sec 1	Change to M
Chn 3165, sec 1	Change to spring quarter
CSci courses	Change to 4 credits, \$292: 3311,3316,3321,3322,3327
Engl 3008, sec 4	Added section: Fall quarter, sec 4, M, 6:20-8:50, MurH 308
Engl 5910, sec 2	Change to 6:20-8:50
EngW 5130, sec 1	Canceled
EngW 5401, sec 1	Reinstated
EngW 5310, sec 2	Canceled
Kin 5720, sec 1	Change to M
Ital 3015, sec 1	Added: Intermediate Italian , 4 credits, \$248. Fall quarter, sec 1, T, 6:10-9:40, JonesH 11
IDSc 3151, sec 1	Change to Th, AndH 230
Psy 1001, sec 3	Canceled
SW 5349, sec 1	Added: Social Welfare in America, 3 cr grad, \$219; 4 cr undergrad, \$292. Fall quarter, sec 1, TTh, 11:15-12:30, AndH 350, Chambers
Th 3115, sec 1	Change to 7-9:30, BlegH 245
Th 3115, sec 3	Added section: Fall quarter, sec 3, T, 4:15-6:45, room arr
CSch 0306, sec 1	Change to Oct. 3-Nov. 14
CSch 0522, sec 1	Canceled

UNIVERSITY OF MINNESOTA

INFO

A Newsletter for Continuing
Education and Extension Students

Volume 22 / Number 3 / October 1991

Continuing Education and Extension

Weekend learning from the Compleat Scholar

Michael Dennis Browne, poet and English professor, says his Compleat Scholar noncredit class, **Pepper Pods and Dragonflies: A Poetry Workshop**, is for those who have written down a dream, kept a journal, or simply wished they had. Writing poetry, he says, can be and should be an enjoyable and straightforward endeavor—not complicated, tedious, or affected.

The course title is from a story about Basho, a famous 18th-century Japanese poet, who advised a young writer against beginning a poem with the intricate and beautiful dragonfly and comparing it to the mundane pepper pod. Turning the image around, Basho explained that if you take something plain, like a pepper pod, and add your imagination, you then can have a dragonfly. The message, Browne says, is that "great poems can come from the simplest of things."

The one-day Saturday workshop (Oct. 26) features a series of exercises that apply that notion. "The idea is to give students confidence in their writing," Browne says. Exercises are based on everyday observation and examples from fine poems. The emphasis is on what the poem does, he says, how it works and how the message is accomplished.

Students will talk about dreams and using intuition, he says. "We will try to 'unblock,' to play a lot and worry less about closure or finishing a task." When it's all done, everyone will have written what Browne calls "stuff." Not necessarily a poem, but more important perhaps, something that could become one.

"We will also talk a great deal about habits, about good habits to have and to use in writing," says Browne, who also is the director of the University's Program in Creative and Professional Writing. One he suggests is writing every day, even if only for 15 minutes, to accumulate ideas, "stuff" that is or could be poetry. He also covers ways of sharpening attentiveness, means of observing and recording what happens around us. All these habits contribute to our ability to take something familiar and

Put a little learning in your weekend. Try a noncredit Saturday class or a Compleat Scholar weekend. Two stimulating options are described here—one for writers, one for readers. Call the Compleat Scholar office today for more information and registration materials: 624-8880.



THE
COMPLEAT
SCHOLAR

express it in descriptive, unfamiliar ways, Browne says.

Please abandon any preconceptions about how poetry is created, Browne urges. "We don't need to have great ideas before we can begin writing poetry."

On the contrary, he says, be open to change, be prepared to do new things. "I don't want people to bring in old poems for feedback. We want to start fresh, to discover new ideas that day, to

begin simply and see if we end up with dragonflies."

* * *

Enjoy a weekend retreat in a woodland setting at the Wilder Center while exploring the subject of sisters in a new Compleat Scholar weekend, **Sisters in Literature and Life** (Oct. 18-20).

The literary weekend is led by Toni McNaron, professor of English and a CEE Distinguished Teacher Award winner, and Susan Cygnet, feminist therapist and educator.

Read three novels in which sisters figure centrally and consider some of the mythic sources associated with the relationship; historical sister pairs for whom the bond was vital; and ongoing, contemporary relationships with sisters and women who function as such. Books include Marilynne Robinson's *Housekeeping*, Jane Austen's *Pride and Prejudice*, and Ntozake Shange's *Sassafras, Cypress, and Indigo*.

Lecture and discussion are interspersed with free time. The weekend begins on Friday evening and concludes Sunday noon. A pre-trip lecture is scheduled for Oct. 8.

Computer and
chemistry lab
card information

Computer access cards are necessary to use computer labs on campus. Courses in CSci, IDSc, and other departments have computer laboratory requirements.

Computer cards cost \$35 a quarter and are available from the cashier's office in Extension Classes, 138 Westbrook Hall, beginning about one week before the quarter. The cashier's window and the information desk are open until 8 p.m., Monday through Thursday, when classes are in session. But hours vary during registration so check the bulletin or call 625-3333 before coming in.

Chemistry lab cards also are available; cost is \$40.

Do not mail in this fee or include it as part of your tuition check if you register by mail.

For school, health, helping professionals

Several one-day classes or short courses on health, behavior, and social issues are scheduled this fall through Extension Classes. Many focus on problems associated with pregnancy, children, and adolescents.

These courses are open to anyone and are especially useful to teachers, social service workers, counselors, health professionals, parents, and clergy. Brief descriptions or titles are given below; bulletin pages are indicated. Registration is open now and usually extends up until a week before the class without a late fee. (Late registration at the door is sometimes possible.) These classes generally may be taken for credit, graduate credit, or no credit (reduced cost).

Call 625-3322 for questions about registration.

PubH 5634 Licit and Illicit Drugs and Pregnancy. Alcohol, cocaine, amphetamines, marijuana, nicotine, and caffeine will be discussed. Related issues and public health interventions. Drug screening, legal considerations. Meets Saturday, Oct. 12, 8 a.m.-4:30 p.m., one credit \$96.25. Page 403.

PubH 5650 Teenage Pregnancy and Parenting: Models for Intervention. Especially for health/social service providers and educators working with youth on issues of pregnancy, abortion, parenting, and adoption. Theory and applications. Counseling adolescents, developing programs. Meets Saturday, Nov. 16, 8 a.m.-4:30 p.m., one credit, \$96.25. Page 403.

Fall courses from Child and Adolescent Psychiatry are listed below. These one-day workshops meet Saturdays, 8:30 a.m.-3:30 p.m. Graduate credit and no-credit registration options are available. See course descriptions beginning on page 125 in the bulletin.

CAPy 5623 Affective Disorders and Suicide in Children and Adolescents:

Perspectives on Prevalence, Etiology, and Prevention. Nov. 9.

CAPy 5630 Psychotherapy in Children and Adolescents. Oct. 26.

See also courses listed under **Youth Development and Research (YoSt)**, including three-day/three-credit work-

shops and regular quarter-length classes on working with youth and their families (Nov. 15, 16, 18) and later in the year on youth service organizations and agencies, working with groups, and experiential learning options. Page 472.

Tutoring help in language classes

To help you gain mastery in foreign languages, Extension Classes has instituted a new tutoring program as a part of certain popular language classes.

This fall, tutors will be available to help students enrolled in the initial courses in the beginning and intermediate course sequences (1101 and 1104) in Spanish and in the beginning French and German courses (1101 only).

The service continues winter and spring quarters in the second and third courses in the sequences.

Tutors will be available to answer questions, help you review, explain usage, and provide the support you need to help make your learning experience a satisfying one. It's free, take advantage.

Announcements will be made in class the first week of the term about hours and arrangements.

ask the adviser . . .

Loans, grants, scholarships

A student asks: I need financial aid, or at least some help thinking through my financial situation before I go back to school. What should I do?

The adviser replies: First, congratulations on your foresight in planning ahead. This ability to anticipate will give you an edge in the academic world.

The CEE Counseling Office can help you in a couple of ways. We offer a monthly financial aid workshop. This group advising session will give you some valuable general information about various programs, eligibility guidelines, and other requirements. The workshop is free; sign up by calling 625-2500.

The group format is helpful because other students will often ask questions pertinent to your situation. You'll find you're not alone. Many Extension students have the same concerns.

You'll also find that if you are serious about finishing a degree, grants and scholarships and student loans are indeed available to adult and part-time students. Educational loans, especially, can be an important option in helping you finance your education. Think of it as an investment in yourself!

If you feel that in addition to the workshop, you need some individual help, call CEE Counseling at 625-2500 to speak with an adviser or schedule an appointment.

* * *

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

Advisers and counselors from the CEE Counseling Office are available by telephone or personal appointment. They can help you with questions and decisions about course selection, career planning, degree requirements, and financial aid.

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

Registration Office: 101 Westbrook Hall
Telephone 625-3333

Charles R. Cheesebrough
Editor

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See dance . . .

Northrop Auditorium's dance season is highlighted by the appearance of the legendary Russian Bolshoi Ballet this season. Three performances of *Swan Lake* are scheduled for Dec. 7 and 8. The holiday classic *Nutcracker* runs Dec. 11 to 15 with six performances.

The dance season begins this month with Wim Vandekybus followed in November by the Maria Benitez Spanish Dance Company. After the first of year, the schedule includes Susan Marshall and Company, Mark Morris Dance Group, the Joffrey Ballet, and the Miami City Ballet.

Call 624-2345 for ticket information.

. . . do dance

The dance program has undergone changes in recent years and has developed a greatly expanded curriculum in Extension.

Introductory courses are offered in modern dance, ballet, jazz dance, ballroom, and tap. Some course sequences (but not all) start only in the fall, so you may want to check immediately if you're interested in trying to begin this year.

Several topics courses and special-interest classes also are offered, including dance for the athlete, musical theatre skills, and Korean dance.

See the bulletin, pages 157-162 for course descriptions or call the dance program office, 624-5060.

CSci course changes

Several changes in the computer science curriculum have been introduced for this year, some since the bulletin went to press.

- All courses listed as 5 credits will be offered for 4 credits instead. Base tuition is \$292 for a 4-credit, upper division (3000 and 5000 level) CSci course.
- New courses are 3311, 3316, 3317, 3321, 3322, 3327. They all are offered

for 4 credits each. See the bulletin, pages 150-153 for course listings.

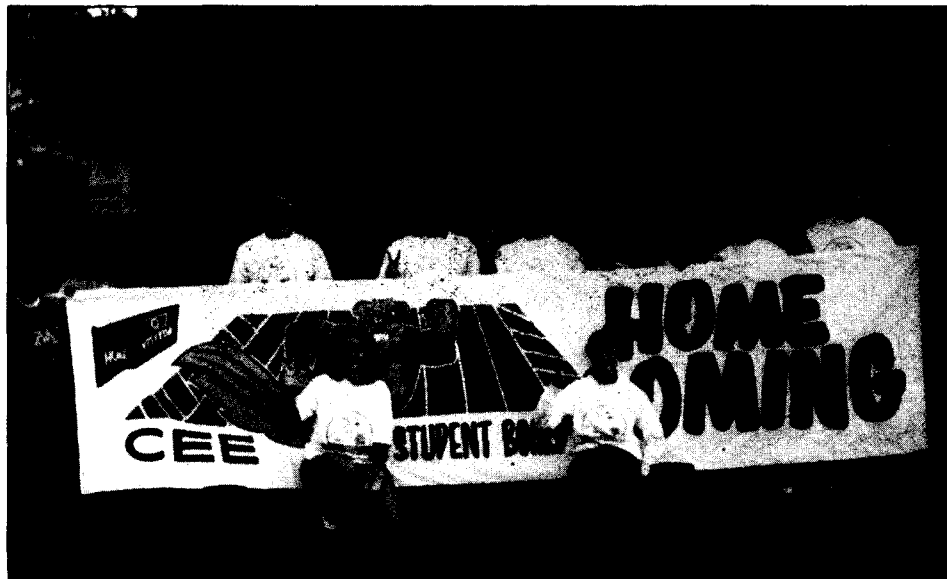
- Upper division students admitted to IT taking CSci courses should check with the undergraduate advising staff in Computer Science, 625-4002, about curriculum changes and their degree requirements.
- Pre-IT students may contact the CEE Counseling Office, 625-2500, for help in course selection.

Career planning starts here

Need help planning your career? The CEE Counseling Office will offer its popular career planning workshop in fall quarter to get you started on the right track.

The workshop provides an overview of the career planning process and assists you in clarifying your skills. Topics include re-

searching occupation information, evaluating career alternatives, and developing an action plan. Meets Mondays, 6-8 p.m., Oct. 28 to Dec. 2 (six sessions). Fee for the workshop is \$105. For registration information or questions, contact Susanne Peterson, workshop counselor, at 625-2500.



You're invited! Join the University of Minnesota Homecoming Parade as a part of the "old timers" contingent from Continuing Education and Extension. Come dressed for work or for play, bring your kids, but just come and help the student board demonstrate the fact that "It's our U, too." The date is Friday, Oct. 11. Meet in the newly remodeled Nolte Study, a casual meeting place especially for evening students on the ground floor of the Nolte Center, between 5:30 and 6 p.m. We line up about 6:30 and the parade begins at 7.

Hints on the bulletin

Even though the new 1991-92 Extension Classes Bulletin is over 700 pages long, finding the courses or information you need isn't difficult if you follow some of the guides provided.

- Cross references are included with many course listings for courses on related topics offered through other departments.

- Summary listings under topics such as health, home economics, business, education, and engineering help direct you to the specific departments with the courses you want.
- When courses also are offered through radio or television (by the Department of Independent Study), a parenthetical note follows the course listing (or the course number and title are listed separately if the class only is available by television or radio this year). Courses that also are offered through correspondence by Independent Study have the notation **(IS)** after the tuition.
- A 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, dates, course information, study aids, symbols, or degree requirements are included throughout the bulletin.
- A list of helpful telephone numbers appears on the front inside cover.
- The table of contents offers an overview of the bulletin's arrangement.
- The noncredit courses section of the bulletin has a purple margin border. Study abroad opportunities through the Global Campus have a red margin border on the right-hand pages. The lavender "special pages" section describes student services and special opportunities.

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University of Minnesota
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Minneapolis, MN 55455

Second class postage paid, Minneapolis, Minnesota

Graduating soon? Check in with an adviser

Your final year in Extension classes before graduation—you finally made it.

After declaring a major, planning courses, and attending classes for all these years, all you need is to finish a few last requirements, including the necessary forms to graduate in that final quarter. Unfortunately, the last time you spoke with an adviser was three years ago.

Don't let any surprises delay your degree. Changes in requirements and the addition and discontinuance of courses

can affect your progress significantly. So stay up to date on your status and on the status of your major or college.

Advisers at the Extension Counseling Department and in your major department are available to help. Extension advisers are continually in contact with college office staff in CLA, IT, Human Ecology, and the other colleges and schools within the University.

Faculty advisers in the academic departments generally are available by

appointment or during office hours. They want to help you get the most from your education. Keeping in touch through regular meetings with them is a great way to stay informed on what's happening in your field, to be a part of departmental activities, and to feel more a part of the University.

So, if you're near graduation, check with an extension adviser on the timetable for completing documents. If you're in a degree program—or plan soon to declare a major or to apply for admission—make regular contact with an adviser as you continue taking classes. It can save you time, worry, and money.

Call the CEE Counseling Office for more information, an advising appointment, or referral to departmental advisers: 625-2500.

Parking lots and ramps open

Contract lot C51, at 1718 Fifth Street S.E. on the East Bank, will become C51/33 this fall.

Extension students may still park in the lot after 4:30 p.m. on special event nights by using a prepurchased parking coupon.

Entrance is on the north side on 5th Street S.E.; this is the daily-rate section of this square-block parking lot. (The west side is C51, contract parking.)

Coupons are sold in sets of 10 and may be purchased evenings at the Parking Services Operations Office in the lower level of the Police Department Building (2030 University Ave. S.E., right off University and Oak). A paid fee statement and University I.D. are required to purchase coupons.

Coupons are also sold during the day at bursars' offices and at the service centers in Coffman and the West Bank Unions.

* * *

The new Fourth Street Ramp, with 1,200 parking spaces, should be ready to open fall quarter. The ramp is located at Fourth Street S.E. and 17th Ave. S.E. on the East

Bank. Daily rate, hourly, and contract parking will be available.

The ramp features extensive security measures including video monitoring and audio communication, enhanced lighting, painted ceilings, glass stair towers and lobbies, and telephones.



Professor William Rosendahl dies

English Professor Emeritus William Rosendahl died Aug. 28; he would have been 78 on Sept. 2.

Professor Rosendahl taught regularly in Extension classes on a wide variety of literary periods and authors including, in recent years, the Romantic Age, the Victorian Age, Shakespeare, and Sinclair Lewis.

A memorial service is planned by the English department. Call 625-3363 for information.

INFO

A Newsletter for Continuing Education and Extension Students

Volume 22 / Number 4 / November 1991

Continuing Education and Extension

Inquire now about loans, grants, scholarships

By Fran Van Slyke-Zaslofsky
Financial aid adviser, CEE Counseling

Financial aid is still available for the 1991-92 academic year. If you need help with educational expenses, the CEE Counseling staff can assist you in exploring options.

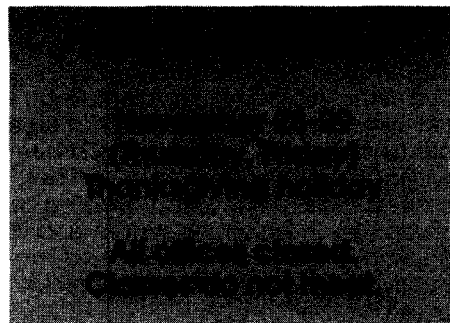
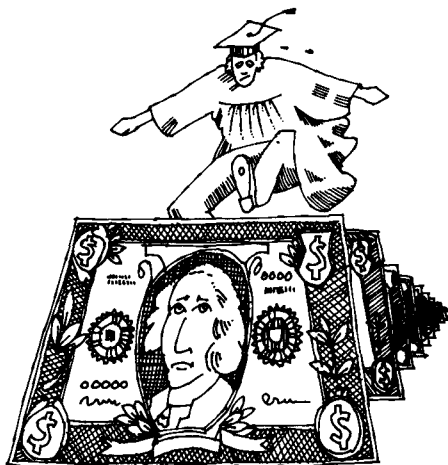
Minnesota Part-Time Student Grant, Minnesota State Grant, Pell Grant, Stafford Loan, Supplemental Loan for Students (SLS), Parent Loans for Students (PLUS), and the Student Educational Loan Fund (SELF) are among the options for both winter and spring quarters.

Scholarships available spring quarter include the IDS Financial Services Minority Access and Retention Grant, Nolte Scholarship, Schott Scholarship, and Mucke/Roff Scholarship.

All of these financial aid programs are open to adult part-time students. Requirements, such as admission, residency, inclusion or exclusion of students with a prior bachelor's degree, minimum or maximum number of credits

allowed, vary by program. While most programs require financial need, SLS, PLUS, and SELF loans are available to eligible students regardless of income.

For additional information, contact CEE Counseling, 314 Nolte Center (phone 625-2500).



Campus escort service—dial 624-WALK

The University Police Department offers escort service for students walking alone across the Minneapolis and St. Paul campuses in the evenings.

Extension students leaving classes may call 624-WALK from a campus phone to request a campus safety escort. Campus phones are located in the lobbies of most buildings.

Callers are walked to their destinations. The security escorts can go short distances off campus. Escorts generally will wait until callers going to parking lots are in their cars and have the car started.

The escort service is available 24 hours a day year round.

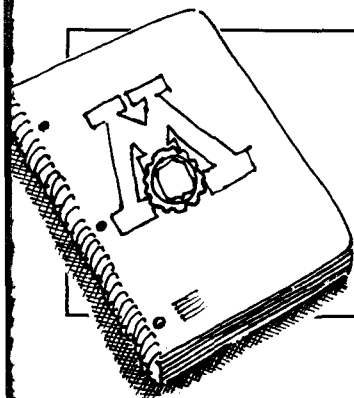
Financial aid overview

The CEE Counseling department offers a monthly financial aid workshop for current and prospective Extension and Independent Study students. The workshop is led by a financial aid adviser and provides a broad base of general information regarding financial aid programs and procedures. Information is presented to assist students in choosing which programs would be most beneficial for their circumstances.

This workshop also provides an overview of grant, loan, and scholarship programs available to adult learners. General requirements, eligibility, guidelines and application procedures are covered. The two-hour workshop is free, but space is limited. To reserve a space in the next workshop, or to speak with a financial aid adviser, call 625-2500.

On the inside

Weekend retreats: smart machines, short stories, women's issues	2
The Academic Connection provides premium learning	3
Winter quarter registration opens this month	6



More weekend learning

Put a little learning in your weekend. Try a noncredit Compleat Scholar Weekend course. You can spend uninterrupted time reading a book, discussing challenging ideas, or studying with a University faculty member or other expert. Group size is limited to allow for small group conversations. Compleat Scholar weekends usually are held at a comfortable retreat center or lodge and include free time and use of recreational facilities.

Call 624-8880 for more information and registration materials for the weekends described briefly below. Most begin Friday evening and conclude Sunday at noon; included are accommodations, most meals, instruction and materials, and a pre-trip lecture/meeting.

Nowhere is the impact of the "information age" more apparent than in the world of work. The old models for business structure, organization of labor, and the employment of mechanical processes that we associate with the Industrial Revolution and modern commerce are fading away. Rapid change is resulting from the use of "smart machines," processes developed and directed by computers in which the system and its applications are as important to productivity as the creation of the product or service itself.

In his spring weekend course (April 3-5), **The Nature of Work: The Age of Smart Machines**, University professor Harvey Sarles will focus on smart machines and the changes they bring and review Shoshana Zuboff's book, *In the Age of Smart Machines: The Future of Work and Power*. Zuboff predicts a radical shift, one that could raise questions about how all organizations are structured.

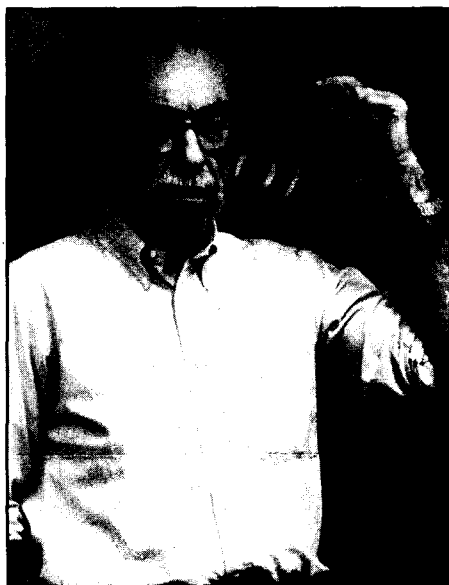
"Industries that are applying information handling to change the way they operate are as diverse as insurance, paper manufacturing, and banking," Sarles says. The move is away from the "efficient machine" model developed a hundred years ago, and exemplified by the assembly line, to the smart machine—interaction based on information sharing and processing, not body labor effort or mechanical leveraging, he says.

In the past, heavy work was done by laborers and the more "important" work was done by thinker/managers. With smart machines, this is no longer the case. The workers become minds not bodies. This will have a great equalizing effect within companies, Sarles suggests, and a sort of corporate socialism is already developing in some companies.

Carol Bly, a University instructor and well-known writer, leads a literary retreat at Riverwood Center, April 10-12, **Current Blessings, Current Grievs: A Weekend of Short Story Discussions and**



THE COMPLEAT SCHOLAR



Sarles

Reading. She will lead study on short stories by Jim Harrison, Will Weaver, Susan Straight, Guy de Maupassant, and others. Focus is on how much truth about a life a skillful short story can offer, how the author accomplishes that, and what the problems of the story are.

Spring Wildflower Weekend, May 2-3. A weekend tour in the lush woods and limestone bluffs of southeastern Minnesota. Lanesboro, Beaver Creek Valley; stay at Mrs. B's historic bread and breakfast. Led by Roberta Sladky, horticulture curator at the Minnesota Zoo.

Poets and Plants, May 29-31. Explore how plants are viewed and used by artists and writers to heighten emotional qualities and contribute to meaning in art and literature. Wilder Forest, rural Washington County. Led by Don Knutson, lecturer and researcher.

An Anthropological Approach to Women and Power, Feb. 7-9. Women and power in different cultures and among diverse groups within U.S. society. Examinations of power in relations among women and between women and men, in the context of different economies, kinship systems, and political systems. Wilder Forest. Led by Sharon Doherty, a doctoral student in cultural anthropology.

Women and Sexuality: Dialogues Across the Divide, Mar. 13-15. Women are often defined by our sex and divided by our sexualities. How do we all learn our sexuality? Is sexual preference genetically determined or do we somehow learn to express our intimacy? In an atmosphere of mutual respect and trust, explore what heterosexuality, bisexuality, lesbianism, and celibacy mean for women and ways in which can learn from each other and respect the diversity and commonalities of our life experiences. Led by Jacquelyn Zita, associate professor of women's studies.

Turmoil in Eastern Europe—an inside look

Review the political and social change in Eastern Europe from another perspective, that of the writers and artists recording their own culture. A new comparative literature course, **Contemporary East European Culture and Society**, uses films, novels, essays, and short stories to examine the everyday life, political climate, and changing nature of central European society.

See the description for CLit 5910, sec 2, offered Tuesday evenings winter quarter (page 141 in the bulletin). **Note:** The course number has been changed to 3910; grad credit not available.

Career counseling and testing

The CEE Counseling department offers individual counseling for students who want assistance in identifying career and educational options.

Career testing is available to help students clarify their interests, values, and personal characteristics for planning and decision making. A fee is charged for these counseling services. Call 625-2500 for further information and to schedule a free initial consultation.

Exceptional learning opportunities for Extension students

Through several unique and innovative evening courses this year, you have the specialized, in-depth learning opportunities that make a college education something more than just taking classes.

Extension classes program director Susan Henderson says the many new courses are part of an effort to provide stimulating, premium learning choices to adult and part-time students.

"We want to give Extension students the kind of high-quality learning experience they associate with advanced courses at a major university, an experience that is based on stimulating interaction with senior faculty in small classes, an experience that need not be limited to daytime classes or graduate seminars," Henderson says.

The result is several courses, and series of courses, often interdisciplinary in nature, that include consideration of critical problems, collaborative learning, and comparison and analysis of important issues. A few are described briefly or listed below; see the Extension Classes bulletin for complete descriptions (page numbers are given). Call 624-2388 to request a bulletin.

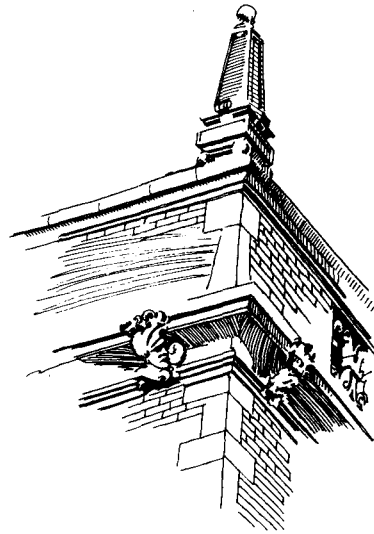
Garbage, Government, and the Globe

Garbage disposal is a health problem because it affects our environment.

Garbage generation is an economic problem since it is a byproduct of our active consumer society.

Garbage treatment, such as burning, is a political problem because nobody wants an incinerator in his or her backyard.

Get the idea? Garbage is a complex problem, one that involves many facets of our society. A search for solutions requires cooperative, integrated efforts.



And that's the approach in this popular Interdepartmental Studies course offered winter-spring.

"This boundary-crossing approach suits the subject," Henderson says. "Waste management requires cooperation among disparate organizational bodies, affects several different constituencies, and draws on different disciplines."

The course serves another educational purpose, too—applying science in a readily identifiable, real-life situation—says Henderson. "This is a multidisciplinary course which helps develop scientific literacy while addressing an important social issue," she says. Without being overly technical, this course underscores the components of scientific literacy: familiarity with the vocabulary of science; understanding the scientific method and means of investigation; and understanding the impact of science and technology on our lives.

Malcolm Hepworth, a professor of civil and mineral engineering, brings engineering perspectives to the study. "The course covers many of the social problems associated with waste control, but also introduces the technical concerns," Hepworth says. "We are looked upon as problem solvers on a technical level."

Through practical research efforts, he says, processes are perfected in extraction of metals, recovery of hazardous materials during waste treatment processes, and isolation of pollutants, for example—applications that relate to treatment of industrial wastes.

The limitations and future of landfills as a treatment means will be reviewed, also. Organic waste and other more common types of garbage associated with landfills are covered in this section of the course, led by soils science professor Terry Cooper. "We'll look at the role of soils in siting landfills and the requirements that need to be considered," says Cooper. "Soils can mitigate

some pollutants and waste products adequately, but not others."

Ethical and political questions are covered, of course, many by political science professor Terence Ball. "I take the 'garbage' idea of the course not simply to mean the real problem that we address, but also as a metaphor about our species and our relationship to nature," Ball says.

Risk assessment and the outcomes we are responsible for depend on our presuppositions about creating and disposing garbage, he says. Negligence, convenience, and economic expedience are no longer acceptable; careful review of what we do and why is required. "Ethical action can only come from paying attention to what we do, paying attention to the consequences of what we do, and paying attention to the assumptions upon which we act," Ball says.

Other faculty come from management and genetics and cell biology.

This class (ID 5525-5526) meets Tuesday evenings during winter and spring quarters and is offered for 4 credits each quarter. Enrollment both terms is required. Call 625-3898 for information. (Page 313)

Physics on Trial

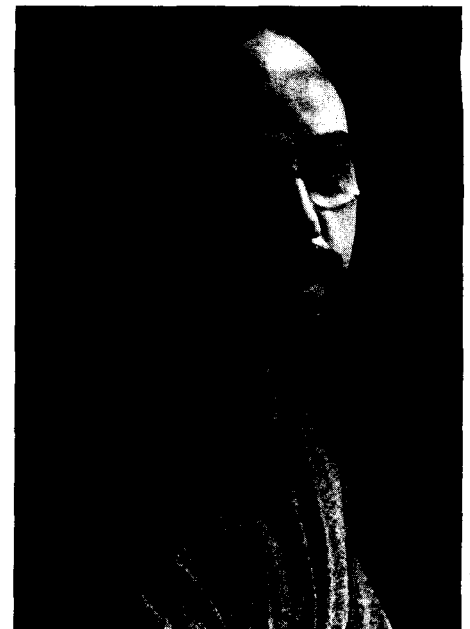
A fictional physicist, one who had the audacity to challenge the uncompromising materialism and reductionism of physics, is tried for heresy.

You join this scientist in examining the assumptions, aesthetics and ethics surrounding modern physics in a provocative story, *Trial By Fire*, physics professor Roger Jones's play that infuses spiritualism and humanism into science.

continued page 4



Henderson



Jones

Classes at neighborhood centers

Take a class near home or work this winter. Extension credit classes are scheduled at Roseville Area High School and at Richfield Senior High School.

academic connection from page 3

In his winter quarter interdisciplinary course, **ID 3333 Physics on Trial**, Jones offers a metaphorical review of science, a discipline that can have an "idolatrous character," he says. The play, loosely based on Shaw's *Saint Joan*, and other texts will be used in the course, which will have much in common with a literature course, he says, and which treats science as a genuine branch of the humanities.

The course is offered for 4 credits and meets Thursday evenings; enrollment is limited. Call 625-3898 for information (Page 312)

Principles of Economics/American Government and Politics

In real life, American economics and politics are integrated. Each area could be analyzed alone, but governmental practices and policies influence the nation's economic activities—and vice versa.

A new interdisciplinary offering of two introductory courses this spring reflects that real-life combination. **Econ 1102 Principles of Economics** and **Pol 1001 American Government and Politics** will be available in concurrently scheduled sections that are team taught by two senior faculty: John R. Freeman, professor of political science, and George D. Green, associate professor of history.

Topics include the principles, organization, processes, and functions of government and the interplay of political forces in the United States and their relationship to topics in macro-economics—national income, money and banking, and economic growth.

Students register for both courses and earn 9 credits total; classes meet Tuesday and Thursday evenings, 6:20-9:20. (Page 177)

Call 625-3898 for registration information.

Honors Opportunities

Toni McNaron, professor of English and women's studies and a 1990 recipient of the CEE distinguished teaching award, will teach an honors seminar this spring, **The Fall—Then and Now (HSem 3080)**.

Honors seminars are open to all qualified Extension students to insure that challenging learning opportunities, with some of the University's outstanding faculty, are available evenings to highly motivated, high-achieving part-time and adult students. Classes are offered through the CLA Honors Office. Regis-

tration is by written permission only; a 3.50 grade-point is the initial prerequisite. Contact the honors office, 624-5522, for application information.

Register for these classes through regular mail or in-person registration procedures.

Registrations are not accepted at

these sites or at school district offices.

Winter quarter classes are highlighted below. See the bulletin, page 696, for more information.

Roseville Area High School

Math 1111	College Algebra and Analytic Geometry
Math 1142	Short Calculus
Math 1211	Calculus I
Math 1221	Calculus II
Psy 1001	Introduction to Psychology
Econ 1102	Principles of Economics-Macro (spring semester)

Richfield Senior High School

BLaw 3058	Introduction to Law, Law of Contracts and Sales Contracts
Math 1211	Calculus I
Phil 1001	Logic
Econ 1102	Principles of Economics-Macro (spring semester)

Extension classes may be scheduled at other off-campus sites, as well. Locations are given with courses in the bulletin.

Improving English in technology and science

A noncredit course to help develop skills in reading, writing, listening, and speaking in scientific applications is available through the English as a Second Language Program, **ESL 0137 English for Science and Technology**. Intended for those in engineering, computer programming, or students considering science majors. Focuses on grammar and vocabulary of scientific English. See the bulletin, page 230, for complete course description. Referral and written permission is required from the CEE Counseling department, 314 Nolte Center, 625-2500.

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.

bulletin changes . . .

All room changes will be posted in the classrooms

COURSE	CHANGE
Afro 3910, sec 1	Added: The African-American Child: A Comprehensive Approach , 4 credits, \$248. Winter quarter, sec 1, Th, 6:20-8:50, BlegH 105, Foreman.
ArtS 3655, sec 1	Canceled
CLit 3910, sec 2,3	Canceled
Dsgn 3543, sec 1	Added: Fashion Illustration II , 4 credits, \$292. Winter quarter, sec 1, TTh, 6:10-9:10, McNH 262, Ryan.
Engl 5171, sec 1	Change to M
EngW 5106, sec 2	Canceled
EngW 5110, sec 3	Canceled
EngW 8110, sec 2	Canceled
FSoS 3029/5029, sec 5	Added section: Winter spec term, sec 5, W, 6-10, Jan. 8-Feb. 12; Sa, 9 a.m.-5, Jan 18, McNH 144, Goodman
ForP 5405, sec 1,2	Changed to winter spec term
IDSc 5410, sec 1	Change time to 6-9
IDSc 5998, sec 1	Change to winter quarter
Kin 5111, sec 1	Added: Sports Facilities , 3 cr, \$219. Winter quarter, sec 1, TTh, 2:30-4, CookeH 215, Anderson.
LASK 1301, sec 1	Change to winter quarter
LASK 1302, sec 1	Change to spring quarter
Phil 1003, sec 2	Change to W
PA 5192, sec 2	Added: Managing Beyond Bureacracy , 3 credits, \$186. Winter quarter, sec 2, W, 6:15-8:45, BlegH 100, Armajani.
PA 5198, sec 1	Added: Conflict Management, Theory and Practice , 3 credits, \$186. Winter quarter, sec 1, M, 6-8:45, HHCtr 60, Fiutak.
PA 5231, sec 1	Change to Th
PA 5201, sec 1	Added: Planning Theory , 3 credits, \$186. Winter quarter, sec 1, W, 6:15-8:45, HHCtr 30, Bolan.
PA 5621, sec 1	Canceled
Rhet 5257, sec 1	Change to T
SeEd 5382, sec 1	Canceled
BME 3310, sec 1	Change to 5310
HEEd 5405, sec 1	Added: Child Development and Parent Education , 4 credits, \$292. Winter quarter, sec 1, M, 4:05-7:55, VoTech R380, Cutting.
CSch 0132, sec 1	Change to T, Jan. 14-28, AmundH 240
CSch 0179, sec 1	Change to winter spec term, Jan. 15-Feb. 12
CSch 0402, sec 1	Canceled
CSch 0584, sec 1	Change dates to Feb. 11-Mar. 24

in short . . .

Faculty handbooks

Faculty, either regular appointment or adjunct, who did not receive the Extension Classes Faculty Handbook, may call 626-7196 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.

Chem dep course added

An added section of the introductory counseling skills course, **FSoS 3029 Counseling Skills Practicum I**, in the Alcohol and Drug Counseling Education Program will be available winter quarter. See page 235 in the bulletin for description. Meets winter spec term, sec 5, W, 6-10 p.m., Jan. 8-Feb. 12, plus Sa, 9 a.m.-5 p.m., Jan. 18.

Calendar correction

Caucus night has been changed from the last Tuesday in February to the first Tuesday in March. Classes will meet as scheduled on February 25. March 3 classes will follow the caucus night schedule (no class may meet after 6 p.m.).

Self-defense workshop offered

Come join us for the first "co-ed" self-defense workshop, sponsored by the Extension Classes Student Board, intended for both women and men.

The free workshop meets Saturday, Nov. 9, 1 to 5 p.m., in the Presidential Room in Coffman Union (room 320). The class is led by Steve Johnson of the University Police Department and Rick Faye, a martial arts instructor.

Advance registration is not required. Please arrive a few minutes early; wear comfortable clothing. Minimum age 16; no children, please.

Parking generally is available either in Coffman Union Garage or at the parking ramps on Washington Avenue or East River Road.

For information, call Joni Armstrong, 625-1855. See you there!

Ease on into school

If you have been thinking about going back to school (or trying it for the first time), and don't know where to begin, plan to attend the free back-to-school workshop on Saturday, Nov. 9, from 9 a.m. to 12 noon, at the Nolte Center on the East Bank campus.

You'll find answers to questions about courses, degrees, certificates, financial aid, student advising, educational planning, and study skills. An adviser from the

CEE Counseling department will explain learning opportunities available in evening classes, Independent Study courses by correspondence and other media, and other programs for adult and part-time students.

Advance registration is necessary. Call 624-2388 to add your name to the list and to request directions and campus maps.

Come to the poster signing

You are cordially invited to join us Tuesday, Nov. 12, when John Kleber, the illustrator of the cover art from this year's Extension Classes bulletin and poster, will sign copies of the poster. Mike Reed, the artist who did the bulletin and poster art for the Department of Independent Study, also will be on hand to sign and distribute posters.

Time: 4:15 to 5:45 p.m., Tuesday, Nov. 12

Place: The new Nolte Center Study (first floor)

Refreshments will be served.



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. (Please allow two months for records to be corrected.)

University Archives
 10 Walker Library
 Minneapolis Campus
 CAMPUS MAIL

EC2

Second class postage paid, Minneapolis, Minnesota

Winter quarter 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. Register as early as possible. Prompt registration by mail offers you the best opportunity to get into a limited class.



MAIL REGISTRATION

November 18 to December 18: Registration forms with tuition checks will be accepted by mail for all winter classes (registrations received before Nov. 18 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 10 to December 18: In-person registration at 101 Westbrook Hall, Minneapolis campus; 130 Coffey Hall, St. Paul campus; MacPhail Center, 1128 LaSalle Ave., in downtown Minneapolis; downtown St. Paul Skyway Registration Booth in the Norwest Center. See bulletin, page 15, for hours.

December 18: 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 Jan. 6 and run through Mar. 21.

Registration for spring semester courses will run simultaneously with winter quarter registration except that mail and in-person registrations will be accepted much later, through Feb. 5, without a late fee. Only a few 15-week courses follow the semester system.

Spring semester

For spring semester, the important days and special procedures to note are:

- Registrations by mail will be accepted starting Nov. 18.
- If you reserve space in a spring semester limited class during in-person registration, you must pay tuition by Feb. 5 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 Dec. 18, is Dec. 26 to Feb. 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 27-28 in the bulletin.
- Feb. 5 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 17 through June 13. Classes are dismissed Mar. 23-29 (winter/spring break). All classes resume the week of Mar. 30.

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

INFO

A Newsletter for Continuing Education and Extension Students

Special hours at the bookstore

University bookstores are open extended hours and on Saturdays just before and early in winter quarter to make it easier for you to shop for textbooks and course materials (see schedule below).

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

First week of classes: Monday-Thursday (Jan. 6-9), 7:30 a.m. to 7:30 p.m.; Friday (Jan. 10), 7:30 a.m. to 5:30 p.m.

Saturdays (Jan. 4,11,18): 10 a.m. to 2 p.m.

Regular hours (Monday-Friday): 8:30 a.m. to 5:30 p.m.

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

First week of classes: Monday-Thursday (Jan. 6-9), 8 a.m. to 7:30 p.m.; Friday (Jan. 10), 8 a.m. to 5:30 p.m.

Saturdays (Jan. 4,11): 10 a.m. to 2 p.m.

Stormfront coming?

Extension classes are rarely canceled for any reason, including bad weather, since missing one Extension class is often equivalent to missing a week of day school classes.

When Extension classes are canceled, there will be an announcement 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 (rather than calling); it is the quickest and easiest method of obtaining the information.

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

Regular hours (Monday through Friday): 8:30 a.m. to 5:30 p.m.

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

Bookstore hints

Holiday discount: Receive a holiday discount on Dec. 30-31 and Jan. 2-4 (only) of 10 percent on new and used textbooks.

* * *

Generally, books are available at the bookstores on the campus where the department offices are located (even if a class meets elsewhere). In the course offerings section of the bulletin, a note appears near the beginning of each department's listing identifying the appropriate bookstore to find books.

* * *

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 Jan. 18 provided you have the sales receipt and the books have not been marked, written in, or damaged in any way.

* * *

As noted in the bulletin, the best time to sell your textbooks used in fall quarter usually is during final exams week for that quarter (Dec. 5-13). (Resale of your textbooks is not assured. The bookstore buys back books that have been selected for use in subsequent terms, in good condition, and only in quantities necessary to meet expected need.)

First week of classes: Monday-Tuesday (Jan. 6-7), 8 a.m. to 6:30 p.m.; Wednesday-Friday (Jan. 8-10), 8 a.m. to 5 p.m.

Regular hours (Monday through Friday): 8:30 a.m. to 5 p.m.

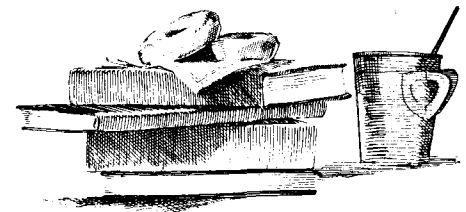
Health Sciences Bookstore, 2-554 Moos Health Science Tower (east bank), 625-8600. Books for classes in the health sciences.

First week of classes: Monday-Thursday (Jan. 6-9), 8 a.m. to 6:30 p.m.; Friday (Jan. 10), 8 to 5 p.m.

Regular hours (Monday through Friday): 8:30 a.m. to 5 p.m.

Bookstores are closed on Sundays and on Dec. 23-25 and Jan. 1.

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



Plan your career

Inquire now about space in the popular career planning workshops offered winter quarter by the CEE Counseling Department.

The workshop provides an overview of the career planning process and assists in clarifying skills, interests, and values as they relate to careers. The workshop covers how to gather occupational information, evaluate career alternatives, and develop an action plan.

The workshop meets Thursdays, 6 to 8 p.m., Feb. 6 to Mar. 12. The instructor is Janet Pelto, a CEE counselor. Cost is \$105. For registration information, call 625-2500.

AIDS under the microscope

AIDS is a topic that can be studied and discussed from many perspectives. Anthropological and social change,

public health consequences, and medical ethics are just some of the viewpoints we hear and read about. But the

study of AIDS also involves basic biological principles, a context that biologist Rick Peifer says can help us understand the disease behind the controversies.

In his new noncredit Compleat Scholar course, **The Biology of AIDS**, Peifer will focus on the basic biology of AIDS and how knowing more about viruses, biochemistry within the body, and immunology can help us in considering the social and human consequences of the disease.

Presentations in class are made more effective, Peifer says, through the use of new state-of-the-art computer-based projections. "Computer graphics and animation are used to depict cell structure and function, molecular components, and other scientific information," he says, which offers visual impact far beyond that of simple slides or overheads. He also can incorporate traditional media, including video tape and film. The technical system was designed to enhance instruction in courses in the General Biology Program, where Peifer is an instructor and educational specialist.

In class, Peifer will cover how the HIV virus functions, its life cycle, and how it invades the body and attacks the immune system. He also will review DNA and proteins, especially as they relate to treatment, and opportunistic diseases, the disorders that usually are the cause of death for people with AIDS.

This Compleat Scholar class (CSch 0540) meets four times, Feb. 5-26. See the bulletin, page 544 for description, or call 624-8880 for registration materials. (Please note that there is no hands-on computer use in this class.)

Free library course

Learn to use the library efficiently and effectively with the help of a free two-session noncredit course from Extension Classes.

The free library course is taught by Marcia Pankake, associate professor in the University Libraries.

The first evening class covers characteristics of various types of libraries, their services and materials, how libraries are organized, and information sources and access to them. The second session presents reference books and how to use them, guides to reference literature, and research strategies.

The class meets Wednesdays, 6:30-9 p.m., in room 180A of the Carlson School of Management Conference Center in the Humphrey Center (west bank). No advance registration is required.

bulletin changes . . .

All room changes will be posted in the classrooms

COURSE	CHANGE
Afro 3910, sec 1	Added: The African-American Child: A Comprehensive Approach , 4 credits, \$248. Winter quarter, sec 1, Th, 6:20-8:50, BlegH 105, Foreman.
Arts 3655, sec 1	Canceled
BME 5310, sec 3	Added section: Winter quarter, sec 3, W, 6:30-9:15
Chic 3330, sec 3	Change to 6:20-8:50
CLit 1921, sec 1	Change to 6-9
Clit 3910, sec 2,3	Canceled
CISy 5209, sec 1	Change end time to 8 p.m.
CSci 3317, sec 1	Added: The Structure of Computer Programming II , 4 credits, \$292. Winter quarter, sec 1, lect, M, 6:10-8:40, ME 108, Gini; lab, W, 6:10-7:40, ME 108.
Dnce 1110, sec 1	Change to MW, 5:30-7
Dsgn 3255, sec 3	Added section: Winter quarter, sec 3, W, 6-10, McNH 33, Anderson
Dsgn 3543, sec 1	Added: Fashion Illustration II , 4 credits, \$292. Winter quarter, sec 1, TTh, 6:10-9:10, McNH 262, Ryan.
Engl 5171, sec 1	Change to M
EngW 5106, sec 2	Canceled
EngW 5110, sec 3	Canceled
EngW 8110, sec 2	Canceled
FSoS 3029/5029, sec 5	Added section: Winter spec term, sec 5, W, 6-10, Jan. 8-Feb. 12; Sa, 9 a.m.-5, Jan 18, McNH 144, Goodman
ForP 5405, sec 1,2	Changed to winter spec term
Hist 3432, sec 1	Canceled
HSU 5008, sec 1	Canceled
IDSc 5410, sec 1	Change end time to 9:30, HHCtr 25
IDSc 5998, sec 1	Change to winter quarter
IEOR 5703, sec 1	Added: Engineering Project Management , 4 credits, \$292. Winter quarter, sec 1, T, 3-6, 3M, St. Paul, Barnett.
Kin 5111, sec 1	Added: Sports Facilities , 3 cr, \$219. Winter quarter, sec 1, TTh, 2:30-4, CookeH 215, Anderson.
LASK 1301, sec 1	Change to winter quarter
LASK 1302, sec 1	Change to spring quarter
Mus 3440, sec 1	Change to Mus 3700
Mus 3700, sec 2	Renumbered course, added section: Winter quarter, sec 2, F, 3:35-5:30, FergH 149, Mensah
OMS 5850, sec 1	Added: Topics in Operations and Management Science: Reliability Analysis , 4 cr, \$291. Winter quarter, sec 1, M, 5:30-9, BlegH 210, Taaffe.
Phil 1003, sec 2	Change to W
PA 5192, sec 2	Added: Managing Beyond Bureacracy , 3 credits, \$186. Winter quarter, sec 2, W, 6:15-8:45, BlegH 100, Armajani.
PA 5198, sec 1	Added: Conflict Management, Theory and Practice , 3 credits, \$186. Winter quarter, sec 1, M, 6-8:45, HHCtr 60, Flutak.
PA 5231, sec 1	Change to Th
PA 5201, sec 1	Added: Planning Theory , 3 credits, \$186. Winter quarter, sec 1, W, 6:15-8:45, HHCtr 30, Bolan.
PA 5493, sec 1	Change term to spring quarter
PA 5621, sec 1	Canceled
Rhet 5257, sec 1	Change to T
Russ 1102, sec 6	Added section: Winter quarter, sec 6, Th, 8:40 a.m.-noon, MacP, Donchenko
Span 1205, sec	Canceled
SeEd 5382, sec 1	Canceled
BME 3310, sec 1	Change to 5310
HEEd 5405, sec 1	Added: Child Development and Parent Education , 4 credits, \$292. Winter quarter, sec 1, M, 4:05-7:55, VoTech R380, Cutting.
CSch 0132, sec 1	Change to T, Jan. 14-28, AmundH 240
CSch 0179, sec 1	Change to winter spec term, Jan. 15-Feb. 12
CSch 0208, sec 1	Change dates to Jan. 21-Feb. 25
CSch 0402, sec 1	Canceled
CSch 0584, sec 1	Change dates to Feb. 11-Mar. 24

Study abroad through the Global Campus

The fastest-growing learning option in the 1980s, international study, has become a prominent part of traditional education in the 1990s, according to study abroad advisers at the University and elsewhere. It's an expansion approved by academics and audience alike.

"Right now, the University is sending over 750 students abroad each year," says Al Balkcum director of the Global Campus program, the study abroad office in Continuing Education and Extension. That number could double in the next five years just with expansion of current programs and the addition of several more now on the drawing board, he predicts.

Emphasis on international education and study abroad is stemming from two forces, Balkcum notes. The job market is becoming international in scope, so employers look favorably on graduates with experience in international living and foreign language study.

In addition, international and intercultural studies have gained curricular importance in American higher education, where faculty and administrators have demanded more requirements for students.

The first study abroad efforts through Extension, **Literature in London** and **Spanish in Cuernavaca**, a decade ago served 40 or 50 students. Now the nine programs that the Global Campus sponsors, or is part of, send more than 500 students to study in foreign countries.

Academic involvement is the foundation for the study abroad programs available through the Global Campus. Those first programs offered in conjunction with the English and Spanish departments were driven by faculty who wanted to offer their own courses to

University students in an environment that linked learning with living.

Now Global Campus staff work with the departments to set up the courses and curriculum, offer the credits, and appoint the faculty or approve the adjunct instructors at foreign educational institutions in all the programs, Balkcum says. University faculty also help in advising students and reviewing applications.

The application process takes time and not all students who apply are accepted; waiting lists are necessary for

some programs, also. Balkcum advises students to inquire early and expect to do some advance preparation before applying, including meeting course and program prerequisites in some cases.

The effort is worthwhile, students tell him. "All of them say the experience has a significant impact on their lives, and most believe they are better off for having studied abroad," Balkcum says. "They learn something about another culture and they're presented with a world view they may not have had before, including a new perspective on their own culture, a new way of looking at themselves."

Most of the University offices that provide study abroad opportunities are now located in Nicholson Hall. The move (initiated two years ago) is part of an effort to organize services better, work cooperatively, and provide more convenience to students, who now can go to one place to get everything from preliminary advising to travel planning, registration, and orientation.

* * *

For more information about Global Campus programs, call 625-3379, or stop by 106 Nicholson Hall if you're on campus during the day.

Next month, watch for descriptions of study abroad programs available through the Global Campus.

The Global Campus



1992-93 Global Campus Programs

Quarter-long programs are approximately 10 weeks; summer programs are about 5 weeks. The Toledo program follows a semester schedule (14 weeks) and also has summer terms. Students often may stay for consecutive quarters in programs offered multiple terms. Call 625-3379 for information about programs listed below.

French in Montpellier: Intensive French language instruction, culture courses, home stays with host families, field trips (12-14 credits). Moderate climate in the South of France. Fall, winter, spring.

German and Austrian Studies in Graz: Intensive German language instruction, culture courses, home stays (12-14 credits). Winter, spring.

Literature in London: Literary history, geographical and cultural perspectives in the study of literature and drama. Royal Shakespeare Theatre, field trips (12-14 credits). Spring.

Spanish in Cuernavaca, Mexico: Intensive language instruction in small classes, culture courses, field trips, home stays (12-15 credits). Instruction at beginning and intermediate levels. Small city atmosphere with culture and arts tradition, moderate climate. Fall, win-

ter, spring.

International Program in Toledo, Spain: Spanish language and extensive liberal arts and humanities curriculum (12-18 credits). Cosponsored by the College of Liberal Arts and Spain's Ortega y Gasset Foundation. Field trips. Fall, spring semesters; full year; summer terms.

Minnesota Studies in International Development: Internship programs in developing countries. Includes pre-departure course work in the fall, winter and spring in-country, and group and individual sessions upon return (12-24 credits). Ecuador, India, Jamaica, Kenya, Morocco, Senegal.

Quincentennial Summer Program for Spanish Teachers/King Juan Carlos Fellowships: Madrid-based summer program (approximately five weeks); contemporary Spanish society and culture, language study, culture courses, development of curricular materials for classroom use; field trips (9 semester credits). Request graduate credit information. Substantial fellowship grants available.

Other programs: Call for information, 625-3379, about programs in interior design in Europe (summer) and Spanish in Venezuela (winter).



Balkcum

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Winter quarter registration update

Registration for winter quarter (and winter special term) Extension classes is open now through Dec. 18.

You may register by mail through that date, or stop by and register in person from Dec. 10-18 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. 18 to complete your registration. Otherwise, your space in class is forfeited.

The last day to register without a late fee is Dec. 18 for most winter quarter classes.

Late registration by mail with a \$5 late fee starts Dec. 19. Late registrations are accepted in person at 101 Westbrook Hall (only) starting Dec. 26.

Offices are closed for registration pro-

cessing on Dec. 19-20. Offices are closed for the holidays on Dec. 23-25 and Jan. 1.

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.



IN-PERSON REGISTRATION LOCATIONS—DEC. 10-18

- **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.
- **St. Paul Campus, 130 Coffey Hall.** Hours are 9 a.m. to 4 p.m.
- **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.

Commuter alert

Remember that parking is prohibited on the odd-numbered side of residential streets in Minneapolis during the winter months. Violators can expect to have their cars ticketed and possibly towed. On campus, except for some metered parking spaces, parking on campus streets is not allowed except in designated areas for vehicles displaying official University permits or handicapped parking permits.

Holiday closings

All registration offices are closed Dec. 19-20 (Th-F) to process winter quarter registrations.

Offices are closed Dec. 23-25 (M-T-W) and Jan. 1 (W) for the holidays.

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

Registration Office: 101 Westbrook Hall
Telephone 625-3333

Charles R. Cheesebrough
Editor

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MKC/EVERETT

UNIVERSITY OF MINNESOTA

INFO

A Newsletter for Continuing Education and Extension Students

Volume 22 / Number 6 / January 1992

Continuing Education and Extension

Foster parents blend loving and learning

On a Saturday morning, July 8, 1989, Bessie Battle picked up the newspaper and read a story about the dramatically rising need for foster parents. It changed her life.

"It broke my heart to discover there was such a need and that so many children had never experienced a loving, nurturing home. I had no idea the need was so great." She says she was so moved that she called the county first thing on Monday to find out more.

"My neighbor and I went to an information session and we came out in tears. It was especially sad to hear what many of these youngsters were facing—abuse, mistreatment, homelessness—but I was also very resolved to find out if I could be a part of a solution." Battle says she has never been a quitter and she decided that if she and her husband, Burnie, were going to become foster parents, they were going to be successful at it.

Since 1989, the Battles have taken seven foster children into their home (currently they have three). Battle, like

most other foster parents, starts with love, mixes in common sense, but then adds some refined parenting skills. She just completed the CEE program in foster care training and earned the Certificate of Demonstrated Competence. It's a credential designed to offer training for those providers who want to be able to meet the foster care challenges of the 1990s, says program director Mary Lou Gilstad.

"The program is based on mastering a set of key competencies developed by University faculty, community practitioners, and service providers from county and state agencies," Gilstad says. A series of 14 workshops provides the knowledge base in topics such as child maltreatment, family dynamics, child development, communication, separation/loss/attachment, and self-esteem.

The program, one of several developed through Gilstad's Early Childhood Studies Program (part of Extension Classes), reflects her unit's mission to create service programs, in partnership with government agencies and non-profit organizations, that meet important social needs for children.

Gilstad says the workshop offerings, funded largely by grants from foundations with some county support, are to some degree demonstrational. "Our job is to create programs, not necessarily to get into widespread implementation," she says. But the demand has been so strong that the fourth offering (this time in central Minnesota) begins this month and expansion of the program is under consideration, possibly in Rochester, Mankato, and Crookston.

Eventually, statewide delivery through an agency such as the Department of Human Services could occur, she says. "Once someone could take it over, we would move on to new programs and new audiences." That could include refining the model they have or adapting it to fit particular groups, such as American Indian foster parents, says Gilstad.

"This program is something foster parents need," Battle says. It lends professionalism to the efforts of foster parents and offers a confirmation that what they

do is important, she says, but it also provides some straightforward training that foster parents can begin using immediately. "In the 1990s, we will need more of these kinds of programs," Battle says. "This is a program where the children are the beneficiaries."

* * *

Bessie Battle knows about parenting from experience. She raised five children of her own who turned out pretty well, she says.

"We became 'empty nesters' a few years back," she says. Her only daughter, Roxane, had just finished a master's degree in journalism at the University of Missouri-Columbia and left the Twin Cities to take a job as a reporter and anchor for an NBC television affiliate in Kansas City. "We had five bedrooms and five grown children, so we had the space and we had the time."

And Bessie Battle knows about love in families because it was a part of her upbringing.

continued page 2



Gilstad



Battle

from page 1
foster parents

"I was raised to believe that hard work, providing for the needs of others, and being willing to share was a reward in itself." Her mother was a church missionary who was always helping those in need in Battle's childhood home of Pine Bluff, Arkansas. "I had that background of a caring family. I watched my mother give food, shelter, and kindness to people with all sorts of needs."

Becoming a foster parent was just the niche for her. "I believe everyone was put on this earth for some reason," she says, "and I often wondered what my calling was." Her own children had already given her the answer: "They told me they knew—it was to be a parent, a mother to them and to others." Roxane has told Bessie she still heeds mother's advice, even though they're apart. "Roxane told me she hears my voice, like a little bird on her shoulder, helping her when it's time to make a decision. If I can do that with my own, I can also take that love and caring and share it with someone else. Why not these foster children who need it so much?"

And the need was great, she discovered; at that time, 1989, more than 6,000 youngsters required foster care in Minnesota. "The system was overloaded we were told and getting worse because more kids were being identified while the number of foster homes was dwindling." The need for African-American families and families of other cultures was particularly acute, county officials pointed out, in order to improve the chances for placement in a family or community where cultural differences wouldn't be an additional threat for youngsters.

Foster parents do come from a variety of cultures, classes, ages, and backgrounds, says Gilstad. "I couldn't believe the diversity when I attended a recognition event in St. Paul. They are literally a cross-section of the community," she says. Many of them are second-generation foster parents—their parents took in foster children as well. "That has to say something about the experience, despite the challenges, as being a positive one." And sometimes foster parents are those who suffered as children, abused or neglected but who now have become care givers, she says.

Children are placed in foster care for many reasons, Gilstad notes, but the common factor is that their parents are either unable or unwilling to take care of them. Most of the children have suffered physical, mental, or emotional trauma, although the severity of its influence can vary widely. Often they are removed from homes because of abuse or neglect; they sometimes are adolescent runaways or have been abandoned and have no relatives available to take on their care. They may have

physical impairments or be developmentally disabled; some suffer from diseases such as fetal alcohol syndrome or AIDS.

Sometimes the parents may be physically disabled. Or they may be incapable of providing care because of mental or emotional illness.

"I think it's a terrible loss not to have the love of a parent," Battle says. "I feel that even today as an adult with my own parents passed away. Imagine for a youngster to always have such a void, and then add in the abuse or neglect that is so frequently a part of their lives."

Battle admits that foster parents may have to plan for the worst and hope for the best. "You are often talking about youngsters who have emotional problems, who are full of rage, who are in therapy, who have been made wards of the state. They've never had a real childhood in many cases. You need love and caring but you especially need patience to overcome those years of hurt."

* * *

Every foster child is different, but many of the problems are similar, Gilstad and Battle agree. And the workshop sessions allow for sharing and reinforcement of different methods. "The students bring experiences to class and they want to learn, so they have a lot of wisdom to offer one another," Gilstad says.

Experienced community practitioners make up the majority of the adjunct faculty who deliver the teaching, and the competency-based training focuses on applicability, according to Gilstad. "It is information you can put into practice," she says.

Battle cites as an example the workshops led by Deb Jones, an abuse prevention educator who urges parents to be willing to seek out the most effective methods of communicating with children. "You can't be rigid, we learned, because not every method of doing things works for every youngster," Battle says. Giving out pats on the back, sending verbal signs, and using humor to correct misbehavior all are possible means of dealing with particular kids at particular times.

Each student who earns the Certificate of Demonstrated Competence chooses three competencies in which to show abilities as a foster parent. Battle concentrated on projects in self-esteem, effective communication, and nurturing care. In small group discussion, she talked with other foster parents about how she was acquiring skills in those areas. For example, Battle notes that foster children won't know your ways of communicating—your moods, your parenting style, or your habits—when

they're first placed. The meaning behind a certain look or a remark can be interpreted very differently by youngsters not used to consistent treatment by adults, she says.

To help in communication, Battle uses the "memory book," which she leaves out on the kitchen table, where her children can write down things important to them, or thoughts or feelings they have about something that they might not want to discuss in front of others.

"What they write down might be very simple and deal just with the way you do things around the house, but it helps me know what they need to learn, what's important to them." Some aren't used to the most common aspects of daily living, she notes, things like regular meals or bathing. Her memory book helps collect reactions and identify concerns before they become problems.

A teenage foster child came to the Battle home with little self-esteem, she says. But she describes in glowing terms the progress made. "Now this teenager has accomplished so much, and it makes you so happy for (the youngster)," Battle says. This foster child completed occupational training, got a job and a car, and is continuing educational training in technical college.

Another of her foster children is now achieving in school, something that wasn't an important part of life before. The child is on the student council and playing sports. "That's quite a step," she says, "one that many people may not have thought this child capable of."

The foster children are involved in the same types of interaction the Battles had with their birth children. School, church, and family activities (they love to bowl, she says) are all considered important. And that list also includes discipline.

"I think kids, deep down inside, want discipline," she says. Providing discipline shows children you care about them and about how they think, make choices, and solve problems, Battle says. "It proves that their life really matters to you."

Combining nurturing with stability is an important part of what foster parents must do, Battle says. Giving youngsters attention and time, treating them fairly and consistently, and giving them love adds up to an environment that can enable them to thrive, not just survive. "You plant a lot of seeds and hope they grow," Battle says.

* * *

For more information about foster parent education, the child abuse prevention specialist program, and other learning opportunities through Early Childhood Studies, call 625-1088.



The 1991 recipients of the CEE Distinguished Teaching Awards are (clockwise from bottom left): Paulette Bates Alden, Program in Creative and Professional Writing (adjunct), Twin Cities; William P. Cunningham, Professor of Genetics and Cell Biology, Twin Cities; Arnold E. Henjum, Professor of Education and former Director of Continuing Education, Morris; and Joseph A. Gallian, Professor of Mathematics and Statistics, Duluth. All are long-time instructors in Continuing Education and Extension who were honored for their excellence in the classroom. In addition, they have provided creativity in program initiation and outstanding service to students. Winners were announced formally at a recognition event Oct. 22. The selection committee is composed of faculty, staff, and students. For information about eligibility and nominations in 1992, contact the Dean's Office, 624-2517.

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

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Charles R. Cheesebrough
Editor

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CEBS program offers focused job credential

Career-related training in employee group insurance, retirement plans, and other administration of benefits is available through the Certified Employee Benefits Specialist (CEBS) program. Students complete 10 certificate-credit courses and the CEBS examination in this professional designation.

Courses are offered on a rotating basis (about three to five a year) through CEE; sponsorship is by the International Foundation of Employee Benefit Plans and the University of Pennsylvania. Some substitution is possible. Course topics include group benefit programs, retirement funds, asset management, legal environment and regulation, economic influences, management, and other areas.

An information kick-off luncheon is planned for Feb. 6 at the downtown Minneapolis Hyatt Hotel. Reservations required; call 625-0174.

Anyone for art?

Put some art into your life through two winter term Complete Scholar noncredit courses offered in conjunction with the Minneapolis Institute of Arts and the Walker Art Center. Call 624-8880 for registration information.

CSch 0101 Public Art: Redefining Art, Artist, and Spectator. Why is the "public" in public art revolutionary? Examine what public art is, its importance in recent years, the wide range of examples, and women's successes in it. Meets at the Walker Art Center; includes art viewing and tours of the Minneapolis sculpture garden and the General Mills grounds.

CSch 0103 The American Vision and the Realist Tradition. The social and personal issues and the style and vision of the great realist painters. Meets at the Minneapolis Institute of Arts in conjunction with the touring exhibition "Masterpieces of American Painting." John Singleton Copley, Charles Willson Peale, Frederick Church, others.

Careers workshop

Last call for the winter career-planning workshop offered by the CEE Counseling Department. Learn how to plan and research career options and what areas suit you best. Meets Thursdays, 6 to 8 p.m., Feb. 6 to Mar. 12. Cost is \$105. Call 625-2500 for registration information.

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Workshops on child health and social issues

One-day Saturday workshops on maternal and child health and behavioral conditions in children are offered this winter and spring through Public Health and also through Child and Adolescent Psychiatry.

See the bulletin (pages 125-126 and 402-403) for complete descriptions. Call 625-3322 for registration information.

Child Abuse and Neglect (PubH 5640) is for those in education, social work, health professions, and child care services and covers history, definitions, dynamics, outcomes and intervention by social services and police. Updated to reflect current state law. Meets Saturday, Feb. 15, 8 a.m.-4:30 p.m., Minneapolis campus; one credit, \$96.25; graduate credit available. No-credit registration is \$55.75. Taught by Robert ten Bensel, M.D., a nationally recognized expert on child abuse.

Prevention of Child Maltreatment (PubH 5635) presents major theories of causation, definitions of prevention, health promotion, and various models used in interventions. Small groups will design a prevention program. Critical thinking regarding program evaluation. (Prereq 5640, 5616, or permission). Meets Saturday, Apr. 4, Minneapolis campus; one credit, \$96.25; graduate credit avail-

able. No-credit registration is \$55.75. Taught by ten Bensel and Stanton Shanedling.

Workshops from Child and Adolescent Psychiatry are listed below. Classes meet Saturdays, 8:30 a.m.-3:30 p.m., on the Minneapolis campus, and are offered for one credit, \$112.50 (no-credit regis-

tration is \$56.25). Graduate credit is available to qualified students.

CAPy 5624 Eating Disorders in Children and Adolescents: Medical and Psychological Perspectives. Feb. 1.

CAPy 5635 Cognitive-Behavioral Therapy for Children and Adolescents. Feb. 29.

Social work classes added

Three courses in social work are offered in cooperation with Hennepin County and will meet on-site at the Government Center, 300 S. Sixth Street, Minneapolis. Graduate credit is available. Call the School of Social Work for information, 624-5888, or Extension Classes at 625-3322.

Organizations and Community Systems (SW 5010) is an added topics course for winter quarter. The course meets 4:45-7:45 p.m. on Wednesdays and pro-

vides basic theories of organizations and communities and implications of theories for professional practice. It meets the organizational behavior requirement for the program for community services social workers. Instructor is Esther Wattenberg, professor in the School of Social Work. Tuition is \$219, three credits.

Also scheduled: **SW 5349 Social Welfare in America** (Mondays) and **SW 5010 Supervision and Consultation** (Tuesdays).

Spring semester registration

Registration is open now for spring semester courses and continues in person and by mail through Feb 5.

Although most Extension classes are offered on the 10-week quarter system, a few departments schedule some semester-length courses (15 weeks), including history, economics, Chinese, Japanese, German, and physics. Spring semester classes meet Feb. 17 through June 13.

In-person registration is at 101 Westbrook Hall on the Minneapolis campus. Office hours are reduced between

quarters, but once winter quarter classes begin (Monday, Jan. 6), 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 5 is the last day to register without a late fee.

To request registration forms or an Extension Classes bulletin, call 624-2388, or stop by 101 Westbrook Hall on the East Bank campus.

Holiday reminder

All classes are dismissed and offices closed on Monday, Jan. 20, Martin Luther King, Jr., Birthday observance.

INFO

A Newsletter for Continuing Education and Extension Students

You can make a difference

The Extension Classes Student Board works on issues important to adult and part-time students at the University—course availability, student services, campus security, parking, program opportunities, Extension's role within the University. If you're interested in being a part of this important effort, consider running for the University Senate and joining the board.

Eight elected Extension student senators (or alternates) will join faculty and day school students in the senate to discuss both the University's internal affairs and its place in the community.

You also will serve on the student board with other appointed board members and Extension staff. The board usually meets once a month (on a Friday evening); senate meetings are once a quarter.

Candidates must file for election during winter quarter. **The deadline is Feb. 15.**

Ballots with candidate information will be distributed late in winter quarter; voting is by mail (and collection on campus) through approximately the first week of spring quarter (April 1).

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 (evening or day) within the last five years.

Filing forms, election information, and details on the student board may be obtained at 200 Wesbrook Hall on the Minneapolis campus, 8 a.m. to 4:30 p.m.; telephone 625-1078.

Class night change

Caucus night has been changed from the last Tuesday in February to the first Tuesday in March. Classes will meet on the regular schedule on Feb. 25. The new caucus date is Mar. 3, and classes must follow the caucus night schedule (no class may meet after 6 p.m.).



College—getting started

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 Thursday, Mar. 5, 6 to 9 p.m.—will be informal, with plenty of time for discussion and questions.

The location is the Earle Brown Continuing Education Center on the St. Paul campus. Free parking is available in parking lots adjacent to the center.

A Continuing Education and Extension adviser will lead the program. You will find answers to questions about courses, degrees, certificates, study help, financial aid, support groups, ca-

reer planning, and other student services.

You also will learn about educational opportunities in Extension evening 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 about what kind of help you need, study skills help, remedial courses, and how to get started as an Extension student.

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

Nominate your favorite teacher

The CEE Distinguished Teaching Awards are given annually to teachers providing credit or noncredit instruction offered or co-sponsored by Continuing Education and Extension.

Students and staff are invited to make nominations for the awards, which includes a plaque, a \$1,000 award, and recognition at the annual reception in the fall.

Nominations are due to the selection committee by March 31, 1992. Nomination forms and guidelines may be picked up in the CEE Dean's Office, 150 Wesbrook Hall; call 624-9329.

MSID combines service with study abroad

Immersion in another culture is a principal component of any study abroad program. But for students in Minnesota Studies in International Development (MSID), assimilation goes beyond living with a host family or studying at a foreign university.

MSID participants work on internships, combining service with academic study in developing countries, with guidance from faculty mentors, after extensive pre-trip preparation, explains director David Biesboer. "MSID is one of the few programs that combine academic learning and experiential learning," he says.

Internship responsibilities vary but they always involve some sort of service coordinated through a sponsoring agency, says Biesboer, who calls the program a "mini Peace Corps." Topics have included health care, biological and environmental studies, community economic development, social planning projects, and teaching. In 1992, more than 50 MSID students are on internships in six host countries—Jamaica, Kenya, Morocco, Ecuador, India, and Senegal.

MSID, like all CEE study abroad programs from the Global Campus, has close ties to the academic departments and the regular University faculty. "This is a program that is faculty driven. They are involved at all levels in planning, supervision, and evaluation," Biesboer says, including the pre-departure seminar courses, the in-country internship, and the student's return.

Academic requirements complement the service component of the internship. Students take two on-campus courses fall quarter and then go to their host countries for winter and spring quarters (approximately 5 to 6 months). Students write focus papers while in-country and usually do a directed-study course, also. These exercises give the internships an academic base, Biesboer says. "It's a learning situation where you have to think about what you studied here and then applied there." Students also keep a journal of their daily activities that relate to the internship. Upon

their return, they write a summary which the mentor evaluates.

Lora Lederman had studied abroad as a sophomore taking Spanish language and culture courses in the Spanish in Cuernavaca, Mexico, program. But she wanted to continue the study of Spanish more seriously, she says, and extend the living experience. An MSID internship in Ecuador provided that in-depth element, she says, because she interacted with native speakers every day rather than studying in a school environment. "I was ready for the change—away from classes but still learning and receiving credit," Lederman says.

For six months, Lederman worked in Quito contacting health institutions and talking to health officials to compile a directory (in Spanish) of the nation's health resources and the services available.

The pre-departure classes in the MSID program helped prepare her for the cultural differences and lifestyle changes, she says. "Health conditions and poverty are significant problems for Ecuadorians—their situations are so much different from what we're used to," Lederman says. But there are many

societal differences that were positive experiences, too. "I liked the human side of things," she says. "Schedules are less important and people come before work. There always was a closeness and willingness to help on the part of the people I met."

For information about Minnesota Studies in International Development internships, contact the Global Campus office, 106 Nicholson Hall, 626-2234.



Lederman

ESL builds skills in English

Extensive offerings of noncredit classes in English as a Second Language (ESL) are offered through evening Extension Classes every year.

Non-native and foreign students are urged to check with an adviser at the CEE Counseling Office, 314 Nolte Center, for information about course op-

tions. Specialized courses in business English, science and technology, and reading and vocabulary are available as well as different course sequences in fundamentals and building fluency.

An assessment test, such as the TOEFL, is required, as is registration permission from the CEE Counseling Office. Call 625-2500 for information.



Biesboer

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, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.

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

Careers, Careers, Careers

Starting out or starting over?

Manage your career with helpful non-credit courses from the Practical Scholar that focus on developing your professional potential. Call 624-8880 for registration information.

PSch 0827 Job Search Strategies is designed for people who are job hunting (or plan to). Topics include choosing an approach, performing self-assessments, targeting possible employers, writing resumes and cover letters, and

interviewing. Participants have the opportunity to share ideas and support with other job seekers. Meets Wednesday evenings, Apr. 1-22 (four meetings).

PSch 0830 Career Unrest and Mid-Life Transitions: Realizing Change. For those experiencing career unrest. Explore the theoretical and practical sides of changing careers; integration of work, family, and community roles; "mid-life crisis"; dealing with life transitions. Includes self-awareness exercises, testing, imagery and visualization. Lecture, discussion, small group interaction. Meets Monday evenings, Apr. 13-May 11 (five meetings).

PSch 0829 Career Decisions: Strategies for Change offers career planning help. Assessing your job, your goals, your career interests. How to consider values, job satisfaction, job stress, and person-environment fit as key elements of the decision to make a change. Identifying career alternatives. Strong Interest Inventory and Myers-Briggs included. Meets Apr. 1-May 6 (six meetings).

PSch 0840 Business and Personal Communication Skills for Men. Do you find the boss hard to deal with or that people you manage work more against you than for you? Do you watch work relationships disintegrate because "we just can't communicate"? Examine the communication traps men fall into that interfere with personal and business success; review communication strategies to apply in negotiation, management techniques, and relationship building. Meets Apr. 7-21 (three meetings).

Career counseling

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

Career fair

Meet with employers, learn about career fields, and exchange ideas at the Career Fair '92 sponsored by the College of Liberal Arts Career Development Office and the Student Intermediary Board.

The career fair is set for Wednesday, Feb. 26, 10 a.m. to 3 p.m., at the Great Hall in Coffman Union. This free event is open to all students.

Spring 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 17 to March 18: Registration forms with tuition checks accepted by mail for all spring classes. (Registrations received before Feb. 17 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 requested for coding purposes. Include your University I.D. number if you have one.

IN-PERSON REGISTRATION

March 10 to March 18: In-person registration at 101 Wesbrook Hall, Minneapolis campus; 130 Coffey Hall, St. Paul campus; MacPhail Center, 1128 LaSalle Ave., downtown Minneapolis; and the St. Paul Skyway Registration Booth, Norwest Center, Fifth and Minnesota, downtown St. Paul. Weekdays only. See the bulletin, page 19, for complete details and hours.

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. 18); otherwise, you forfeit your space in class.

March 18 is the last day to register without a late fee for most spring quarter classes.

To request the Extension Classes bulletin and registration forms, call 624-2388.

Spring quarter classes begin the week of March 30 and run through June 13.

The Nolte Study: quiet, comfortable, open evenings

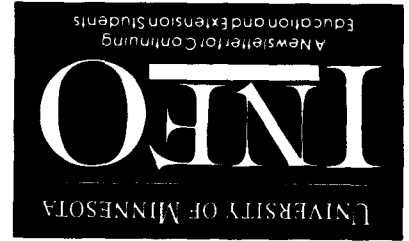
The newly remodeled Nolte Study is a perfect place for Extension students to study, stop and relax before class, meet friends and classmates, or pick up CEE publications and registration materials.

The study, located on the ground floor of Nolte Center, is open and staffed weeknights, Monday through Thursday, until 9 p.m.

Nolte Center is conveniently located on the East Bank campus just one block south of University Avenue. It's close to everything, within two blocks of the major classroom buildings, the Minnesota Book Center in Williamson Hall, parking lots and ramps, campus bus stops, Walter Library, and Extension offices in Wesbrook Hall.

And Nolte Center is home to the CEE Counseling Office (room 314) which offers evening workshops on financial aid, information meetings about evening classes and correspondence courses, back-to-school workshops, career-planning workshops, and evening appointments with academic program advisers. Call 625-2500 for information.





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. (Please allow two months for records to be corrected.)

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New student group meetings

Information meetings are offered for students new to the University who wish to take classes through Extension. These evening group meetings, offered by CEE Counseling, provide information on registration options and procedures and general University requirements. Site is the convenient, centrally located Nolte Center on the East Bank. Call 624-0029 for dates and times and to reserve your space.

Financial aid

The CEE Counseling Office conducts a financial aid workshop each month. Topics covered include loan, grant, and scholarship programs; eligibility requirements; and application procedures. The workshop is designed for students who have not yet completed a bachelor's degree. The workshop is free, but space is limited and advance registration is required. Call 625-2500 for dates, times, location, and directions.

Bookstore change

Please note the following corrections to the bulletin for bookstore hours for Saturdays in March.

Minnesota Book Center (Williamson Hall, East Bank):
 March 14, 10 a.m. to 2 p.m.;
 March 21, 9 a.m. to 4 p.m.

Smith Bookstore (West Bank):
 March 14, closed; March 21, 9 a.m. to 3 p.m.

bulletin changes . . .

Room changes will be posted in the classrooms

Course	Change
AdEd 5141, sec 2	Canceled
AdEd 5501, sec 1	Canceled
Arch 3033, sec 1	Changed to winter quarter
ArtS 1606, sec 3	Change to T
ArtS 3606, sec 2	Change to T
ArtS 3655, sec 2	Canceled
CPsy 3303/5302, sec 2	Change to W, 4:45-7:15
CISy 5600, sec 2	Change to W
Dnce 1110, sec 2	Change to MW, 5:30-7
Chn 1006, sec 4	Canceled
Chn 3165, sec 1	Change to spring quarter
EdPA 5140, sec 1	Added: Administration of Early Education Programs , 3 cr, \$219. Spring quarter, sec 1, W, 4:30-7, PeikH 225, Weatherman.
EdPA 5141, sec 1	Change to spring quarter, M, 7-9:30
EdPA 5223, sec 1	Change to M, 4:30-7
EdPA 5230, sec 1	Canceled
EPsy 5605, sec 1	Change to M, 4:30-7
EPsy 5606, sec 3	Change to W
EngW 5401, sec 3	Canceled
Ger 5510, sec 1	Canceled
Hsg 5873, sec 1	Added: Topics: Homelessness in the U.S. , 4 cr, \$292. Spring quarter, sec 1, MW, 4:30-6, McNH 33, Goetz.
Jour 5171, sec 1	Change to spring quarter
LASk 1302, sec 1	Change to spring quarter
LASk 1303, sec 1	Canceled (will be offered summer)
Mus 1056, sec 3	Canceled
Nurs 5620, sec 1	Canceled
PA 5101, sec 1	Added: Intergovernmental Relations , 3 cr, \$186. Spring quarter, sec 1, Th, 6:15-8:45, HHHCtr 30, James.
PA 5192, sec 1	Canceled
PA 5493, sec 1	Change to spring quarter
PA 5494, sec 1	Offered spring quarter, sec 1, T, 6:15-8:45, Williams
PubH 5711, sec 1	Change to T
Russ 1103, sec 5	Added section: Spring quarter, sec 5, Th, 8:40 a.m.-12 noon, MacPhail, Donchenko.
Spch 5441, sec 3	Change to spring quarter
Th 3115, sec 2	Canceled
CSch 0133, sec 1	Change to spring spec term, Apr. 7-May 7
CSch 0156, sec 3	Change to T, Mar. 24-Apr. 21
CSch 0157, sec 3	Change to T, Apr. 28-May 26
CSch 0294, sec 1	Change to Apr. 21-June 2
PSch 0728, sec 1	Canceled
PSch 0736, sec 1	Change to spring spec term, Apr. 25, EBCEC 166, STP campus
PSch 0829, sec 3	Change to Mar. 31-May 5

INFO

A Newsletter for Continuing Education and Extension Students

Master's degrees for teachers

Becoming a master teacher requires not only dedication but also an opportunity—an opportunity for professional development, for graduate study, for education that meets your needs and schedule.

That's what The Master Teacher program offers. A new cooperative effort of the College of Education and Continuing Education and Extension, The Master Teacher provides practicing teachers with new master's degree options and related course work.

Currently available are a M.Ed. in Leadership and an M.Ed. in Second Languages and Cultures, as well as many other graduate-level courses in a variety of areas from other colleges within the University. Additional postgraduate certificates and degree options are in development.

Extension program director Judi Linder says The Master Teacher reflects a renewed emphasis from the College of Education on serving working teachers. "These are quality master's programs in areas such as site-based management

and multicultural education," Linder says.

Staff in Extension Classes are committed to an emphasis on services that will facilitate students' participation in the program and help assure their success, Linder says. These include:

- Course scheduling that permits completion of the master's degree in three years.

- Convenient late afternoon and evening classes.
- The option of taking some courses at off-campus locations or at interactive-television remote sites.
- Easy mail registration and centralized support services through a separate CEE office designated for the Master Teacher program.

* * *

Information meetings with faculty and staff are planned for late March. Learn more about advanced degrees for practicing teachers offered through The Master Teacher. Call 626-7196 to reserve your space.



THE MASTER TEACHER
GRADUATE DEGREES AND COURSES
COLLEGE OF EDUCATION
CONTINUING EDUCATION AND EXTENSION

Beware of bad grades

Remember that academic progress standards apply to your college work in Extension. If you are in a degree program, the colleges have academic standards you must meet. For students not held to the requirements of a particular college or program, you must meet the Extension requirement of completion of two-thirds of total credits for the year with grades of A,B,C, or S. Grades of D,N,I, and F are not considered satisfactory.

Students who do not meet the criteria for good academic standing will not be eligible to receive financial aid, veterans benefits, and specially funded programs.

If you have a grade-point average of less than 2.00 or have received the unsatisfactory grades noted above in more than one course in the last year, speak

with an academic progress adviser at the CEE Counseling Office, 625-2500. Substandard work also can result in failure to meet admission requirements for degree programs, credits which will not transfer, or being dropped from a college.

Repeating courses

Be cautious about repeating courses you took for credit earlier (either in the hope of getting a higher grade or in earning credit if you received an N or F grade). Each college within the University determines its own policy and procedures on repetition of courses for credit and recognition of grades. In addition, you generally may not take a class for credit which you previously registered for as an auditor. Check with a CEE adviser (625-2500) before registering.

Extension student senate candidates

Filing closed in February for the election of Extension student senators to the University Senate and the Extension Classes Student Board.

If there are a sufficient number of candidates (at least nine), an election will be held late in winter quarter. Extension students enrolled for winter quarter credit classes will be eligible to vote and will receive election materials by mail. Ballots can be returned by mail or dropped off on campus during the election period specified on the ballot (approximately through the first week of spring quarter).

If eight or fewer candidates file, then they will be declared elected as senators at a student board meeting this summer.

Students interested in participating on the student board may also seek appointment. Call 625-1078 for information if you would like to attend the next board meeting.

Compleat Scholar courses review social issues

In the popular movie *Moonstruck*, the principal characters were pushed and pulled not by lunar influences but by family ties and individual strife.

Rhetoric professor Tom Scanlan, in his new noncredit Compleat Scholar course, reviews the importance of family as a subject for a variety of modern artists and writers. "We will discuss the values associated with the family as it's portrayed today and, through a humanities perspective, connect those attitudes to the changing sociology of the family," he says.

Using a variety of cultural expressions, Scanlan says, the course is an interdisciplinary approach to views of the family. In class, he will review examples from plays, movies, even paintings, and two classic American novels, *The Awakening* and *Death in the Family*.

The conflict between two important penchants of human nature receive particular attention, Scanlan says. "There is, in most of us, a desire for personal freedom, to retain our independence, while at the same time we seek the mutuality and security of family life," he says.

This dichotomy is played out regularly as a motif in popular entertainment, such as the movies and notably in soap operas, a cultural phenomenon that began on radio in the 1930s and graduated to television in the post-war era. "Soap operas are really never-ending family sagas," Scanlan points out.

But serious artistic expression, especially modern drama, has particularly emphasized family as a theme, also, Scanlan notes. "The great American dramatists—O'Neill, Williams, Miller—

clearly focused on family relationships in their work as did many more American playwrights including Hellman, Odets, Inge, Hansberry, and Shepard."

CSch 0295 **Family Images, American Dreams**, begins Wed., April 8; call 624-8880 for registration information.



THE COMPLEAT SCHOLAR

Community of Learners courses bring together people who value learning to examine challenging topics. The courses are designed to allow time for a thoughtful consideration of ideas and for the development of a personal viewpoint about important issues. Faculty and students are actively involved in raising questions and pursuing means to arrive at answers. Call the Compleat Scholar at 624-8880 for registration information about humanities professor Richard Leppert's course described here.

Are the traditionally acknowledged great books and great ideas of Western civilization a reflection of a male-dominated, Euro-centric cultural bias? What should be changed in college requirements to achieve pluralism and diversity—what goes and what stays?

Those are the kind of debates currently underway about American education and which humanities professor Richard Leppert will review in **The State of Our Schools: Educational Debate and the American Dream**, his Community of Learners class this spring (begins Apr.

14). "We will be discussing the debates on cultural literacy, including the place of cultural diversity in core curricula in colleges, conservatives' labeling of their opponents as being 'politically correct,' and the traditional academic emphasis on western culture and thought," says Leppert.

A range of responses from across the political spectrum have emerged on curriculum debates, he says, and students will examine several of them. They vary from the liberal viewpoints on curriculum and pedagogy of Henry Giroux, author of *Teachers as Intellectuals*, to conservative Phyllis Schafly and Roger Kimball, author of *Tenured Radicals*, who maintains that faculty ranks at American universities are dominated by 1960s-era activists.

In addition, the relationship between classroom pedagogy and the development of critical thinking will be covered. Leppert calls this the "quiet debate," the arguments surrounding how teaching and learning occur, including techniques that present active learning options and student empowerment.

March closings, special hours

Mar. 19-20: Registration and cashier's offices closed to process spring quarter registrations (late registrations accepted by mail only with a \$5 late fee).

Mar. 23-27: Late registration period continues for spring quarter. Registration office open 8 a.m. to 4:30 p.m. (Monday through Friday).

Mar. 27: Reopening Day—forfeited spaces in closed classes become available, 8 a.m. to 4:30 p.m. (Friday only).

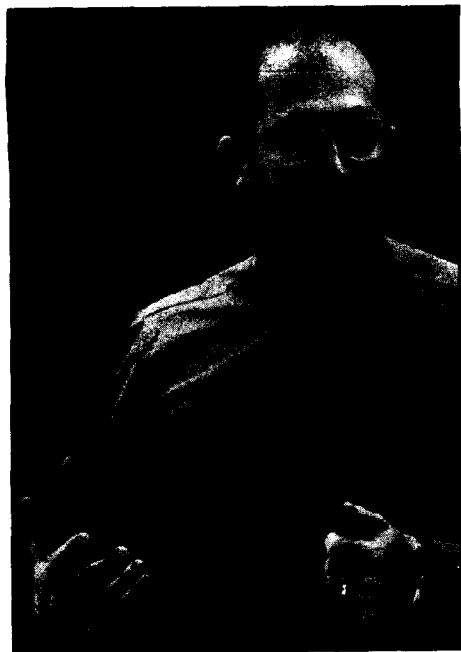
Mar. 23-29: Spring semester classes (15-week term classes that began Feb. 17) are dismissed for spring semester recess.

Mar. 30: Spring quarter classes begin; spring semester classes resume. Registration office in 101 Westbrook Hall resumes evening hours, Monday through Thursday.

Bookstore hours change

On Fridays starting April 10, the Minnesota Book Center (Williamson Hall, east bank campus) and the H.D. Smith Bookstore (west bank campus) will close at 5 p.m.

Regular hours on Monday through Thursday remain 8:30 a.m. to 5:30 p.m.



Scanlan

Spring into spring with Extension classes

Select from many new or specialized courses this spring. Several are listed below; bulletin page numbers are included in parentheses. Call 624-2388 to request a bulletin or pick up a copy at 101 Wesbrook Hall on the Minneapolis campus or in downtown Minneapolis at the MacPhall Center.

Many of these courses are part of the Academic Connection, challenging courses that include an interdisciplinary approach to study, or feature a prominent faculty member teaching in an area of particular expertise, or that are offered as honors opportunities.

Afro 5301 African Literature: The Novel. Novels of continental Africa (in translation). Charles Pike. (75)

Anth 5117 Energy, Resources Use, and System Change. Social-cultural factors related to production and use of energy, water, key resources, and food. Luther Gerlach. (88)

Econ 1102 Macro-Economics and Pol 1001 American Government and Politics. A team-taught concurrent offering of these two fundamental courses that reflects the real-life links between government and the economy. (177)

Geol 5052 Historical Geology for Teachers. An introduction to the geologic origins of the earth, physical evolution of its crust and related biological changes. Robert Sloan. (268)

Hist 5200 The Arab World, Turkey, and Iran 1915-Present. Struggle for independence; rise of Turkey and Iran; modernizing trends; social, economic, political development; role in international affairs. (288)

HSem 3080 The Fall—Then and Now. Historical significance of the theological "Fall" in various periods and cultural expressions such as Milton's *Paradise Lost* and social disillusionment in modern America (Honors Seminars prereq 3.50 gpa). Toni McNaron. (291)

Hum 3701 Comedy: Text and Theory. An interdisciplinary review of comedy across time and world cultures. (297)

ID 5001 Scientific Discovery and the Human Imagination. Science is not simply reductionism and scientific procedure; there is an element of philosophy and creativity too often overlooked. Case studies include Copernican Revolution, Cantor's transfinite numbers, and Einstein's theory of relativity. Roger Jones and Michael Kac. (312)

Phil 5615 Minds, Bodies, Machines. Philosophical relevance of cybernetics, artificial intelligence, and computer simulation. (372)

Soc 5960 Multidisciplinary Perspectives on Aging. Biological, social, psychological aspects of aging; theories of aging; death and bereavement; issues and problems of older adults; human services; health care and public policy; retirement. (434)

PubH 5637 Cross-Cultural Health Issues in Minnesota. Health concerns of the Hmong, Hispanic, African-American, and American Indian communities. Cultural factors that influence health, health services. (405)

PubH 5622 Women's Health: Issues and Controversies. Health care delivery, professional and consumer education, underserved populations. (404)

WoSt 3400 Introduction to Lesbian, Gay, Bisexual, Transgender Studies. A

study of the history, theory, and construction of sexuality and sexual identity; politics and experience. (471)

Hist 3700 Women in Central and Eastern Europe. (287)

Kin 5371 Sociology of Sport. Sports within and among societies; social organization, structure, personnel, fans; honesty and violence; issues of race, sex, age, careers; ethical and social problems. (325)

Plan early for financial aid

If you will need assistance with educational expenses during the 1992-93 academic year, now is the best time to inquire about financial aid. Aid is available for part-time or full-time study.

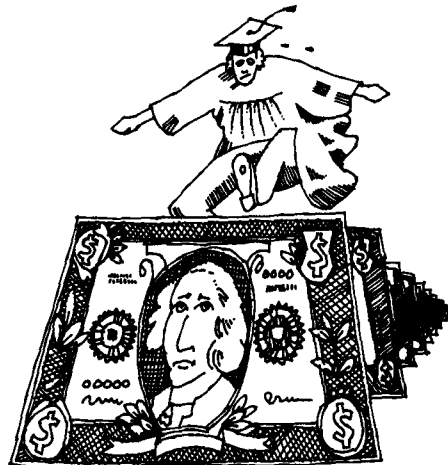
Although many programs require financial aid, some scholarships and loans do not have need requirements. A number of programs are targeted to stu-

dents who have not yet completed a bachelor's degree or to students who have been admitted to a graduate program. Other requirements vary by program.

Many aid programs utilize the ACT (American College Testing) Family Financial Statement. Other programs use separate applications. A timely application will increase your chances of being considered for aid programs which have limited funds. Most programs require admission to a degree or certificate-granting program, which also requires considerable advance planning.

Several financial aid programs for the current 1991-92 academic year, which includes summer terms, will continue to accept applications until May 1, 1992, and beyond. The programs include Pell Grant, Minnesota State Grant, Minnesota Part-Time Student Grant, and several educational loan programs.

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



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

Registration Office: 101 Wesbrook Hall
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Charles R. Cheesebrough
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Exploring research through REX

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

That's what you get with Research Explorations (REX), the University of Minnesota program from CEE 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 a few years ago helping collect behavior and population information about ruffed grouse. The research project required trapping and tagging birds, monitoring behavior, compiling population data, and surveying habitat at sites near Grand Rapids and Cloquet.

"The experience was exactly what I expected it to be," says Wolfe, a biology and outdoor education high school teacher. "I gained valuable insight into the needs of a research endeavor and useful experience applicable to my teaching," he says.

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 Susan Henderson, the REX program director. "REX can be thought of as an exchange of information; volunteers learn something from their participation and the project is advanced by their contribution," Henderson says.

REX participants must apply and be accepted into the projects. The principal qualifications are curiosity, adaptability, and an ambition to learn about—and support—important research, says Henderson. "You don't always need special training, but you do need a desire to help and a desire to learn."

Although REX itself is a noncredit program, many students are including credit learning options as part of their participation, Henderson says. Through directed-study registration, REX volunteers have earned credit in various social science and science areas, and teachers in particular have taken advantage of credit-earning possibilities. REX staff can help in identifying options and refer interested students to advisers and faculty to arrange for credit registration.

In many cases, Henderson points out, REX participants often do not have a strong vocational interest in the research topic. "Some people register for just the opposite reason—they want the challenge of something new, something different."

For more information and detailed project descriptions, contact Research Explorations, University of Minnesota, 202

Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455. Telephone (612) 625-9001.



Cathy Geist (left) and Judith Borer (right) participated in a REX for Teachers program in summer 1991. They assisted project leader Catherine Reed (center), a research associate in entomology, in a study on pollination and insect populations that included both field exercises and laboratory work. REX participants in other projects collect data, administer surveys, dig for artifacts, record laboratory exercise results, study documents in government archives, run computer analyses, and help on University research projects in a number of ways.

What can you do through Research Explorations?

- Try big-time gardening. Dig up vegetables and compare growth differences based on soil fertility (REX 0105).
 - Sift through the sands and rock of a Greek archaeological site to record and reconstruct buildings from the fourth century, B.C. (REX 0211).
 - Track the movement of herbicides through soil to our groundwater (REX 0121).
 - Subject seedlings to water and salt stresses to determine the effects such conditions can have on plant cells (REX 0130).
 - Identify and classify relics of the Iron Age collected from a buried city on a Bavarian hillside (REX 0209).
 - Study relationships in adoptive families and examine consequences of birth parent contact (REX 0261).
 - Translate and transcribe Spanish documents from 16th- and 17th-century Central America to learn about colonial life and the impact of religious missions on the Honduran Indians (REX 0234).
 - Review criteria and events surrounding the decision to declare someone mentally incompetent (REX 0337).
 - Measure the effects of aluminum toxicity in bone development and bone disease (REX 0334).
 - Compare insect populations and pollination levels in restored prairies versus virgin prairies (REX 0150).
 - Contact and interview families with diabetic and prediabetic children in an effort to collect data that will help in predicting diabetes and identifying possibilities for early treatment (REX 0323).
- For a complete listing of REX projects, with complete descriptions, call 625-9001



bulletin changes . . .

Room changes will be posted in the classrooms

COURSE	CHANGE
AdEd 5141, sec 2	Canceled
AdEd 5501, sec 1	Canceled
Anth 5117, sec 1	Change to W, FordH 285
ArtS 1/3/5530, sec 1	Canceled
Arch 3033, sec 1	Changed to winter quarter
ArtS 1606, sec 3	Change to T
ArtS 3606, sec 2	Change to T
ArtS 3655, sec 2	Canceled
CPsy 3303/5302, sec 2	Change to W, 4:45-7:15
CISy 5600, sec 2	Change to W
Dnce 1110, sec 2	Canceled
Dnce 3334, sec 1	Canceled
Chn 1006, sec 4	Canceled
Chn 3165, sec 1	Change to spring quarter
Econ 1102, sec 23,29	Canceled
Econ 3101, sec 3	Change to 8:05-9:45
EdPA 5140, sec 1	Added: Administration of Early Education Programs , 3 cr, \$219. Spring quarter, sec 1, W, 4:30-7, PelkH 225, Weatherman. Change to spring quarter, M, 7-9:30 Change to 7-9:30 Change to M, 4:15-6:45, BlegH 350, Hooker
EdPA 5141, sec 1	Canceled
EdPA 5214, sec 1	Change to 7-9:30, PelkH 155
EdPA 5223, sec 1	Change to M, 4:15-6:45, BlegH 350
EdPA 5230, sec 1	Canceled
EdPA 5266, sec 1	Change to 7-9:30, PelkH 155
EPsy 5605, sec 1	Change to M, 4:15-6:45, BlegH 350
EPsy 5606, sec 3	Change to W
EPsy 5657, sec 2	Change to M, BurH 125
Engl 5133, sec 1	Canceled
Engl 5910, sec 4	Canceled
EngW 5401, sec 3	Canceled
FScN 5390, sec 1	Canceled
FSoS 5240, sec 2	Canceled
FSoS 5500, sec 1	Canceled
Ger 5510, sec 1	Canceled
Geog 3331, sec 1	Canceled
Hsg 5873, sec 1	Added: Topics: Homelessness in the U.S. , 4 cr, \$292. Spring quarter, sec 1, MW, 4:30-6, McNH 33, Goetz.
Jour 3006, sec 1	Canceled
Jour 5171, sec 1	Change to spring quarter
LASk 1302, sec 1	Change to spring quarter
LASk 1303, sec 1	Canceled (will be offered summer)
Mus 1051, sec 12	Added section: Spring quarter, sec 12, TTh, 3:35-4:25, FergH 265
Mus 1056, sec 3	Canceled
Nurs 5609, sec 1	Added: Special Educational Experiences in Nursing , 3 cr, \$219. Spring quarter sec 1, T, 4:40-7:40, HSUnitF 4150/4176, Rossi
Nurs 5620, sec 1	Canceled
Nurs 5650, sec 1	Canceled
Nurs 8009, sec 1	Canceled
OMS 3000, sec 5	Change to Th, AndH 330
OMS 5998, sec 3	Canceled
PA 5101, sec 1	Canceled
PA 5192, sec 1	Canceled
PA 5493, sec 1	Change to spring quarter
PA 5494, sec 1	Offered spring quarter, sec 1, T, 6:15-8:45, Williams
PE 1050, sec 2	Change to T, 5:45-7:15, CookH 215
PE 1036, sec 3	Canceled
PubH 3001, sec 2	Canceled
PubH 5630, sec 1	Canceled
PubH 5711, sec 1	Change to M
Russ 1103, sec 5	Added section: Spring quarter, sec 5, Th, 8:40 a.m.-12 noon, MacPhall, Donchenko.
Soc 5162, sec 1	Canceled
Spch 5441, sec 3	Change to spring quarter
Th 3115, sec 2	Canceled
Ind 1130, sec 1	Canceled
VoEd 5770, sec 11	Canceled (register for sec 12)
VoEd 5770, sec 12	Change to Training and Development: Seminar in Advanced Training and OD Change to spring spec term, Apr. 7-May 7 Change to T, Mar. 31-Apr. 28 Change to T, May 5-June 2
CSch 0133, sec 1	Canceled
CSch 0156, sec 3	Change to Apr. 21-June 2
CSch 0157, sec 3	Canceled
CSch 0200, sec 1	Canceled
CSch 0294, sec 1	Change to Apr. 21-June 2
PSch 0728, sec 1	Canceled
PSch 0736, sec 1	Change to spring spec term, Apr. 25, EBCEC 166, StP campus
PSch 0829, sec 3	Change to Mar. 31-May 5

Graduating soon? Avoid surprises

Your final year in Extension classes before graduation—you finally made it.

After declaring a major, planning courses, and attending classes for all these years, all you need is to finish a few last requirements, including the necessary forms to graduate in that final quarter. Unfortunately, the last time you spoke with an adviser was three years ago.

Don't let any surprises delay your degree. Changes in requirements and the addition and discontinuance of courses can affect your progress significantly. So stay up to date on your status and on the status of your major or college.

Advisers at the CEE Counseling Office and in your major department are available to help. Extension advisers are continually in contact with college office staff in CLA, IT, Human Ecology, and the other various colleges and schools within the University.

Faculty advisers in the academic departments generally are available by appointment or during office hours. They want to help you get the most from your education. Keeping in touch through regular meetings with them is a great way to stay informed on what's happening in your field, to be a part of departmental activities, and to feel more a part of the University.

So, if you're near graduation, check with an adviser on the timetable for completing documents. If you're in a degree program—or plan soon to declare a major or to apply for admission—make regular contact with an adviser as you continue taking classes. It can save you time, worry, and money.

Call CEE Counseling for more information, an advising appointment, or referral to departmental and college advisers: 625-2500.



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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. (Please allow two months for records to be corrected.)



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

Registration information for spring quarter

Registration for most spring quarter Extension classes is open now through Mar. 18.

You may register by mail through that date, or stop by and register in person from Mar. 10 to Mar. 18 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. 18 to complete registration. Otherwise, your space in class is forfeited.

The last day to register without a late fee is Mar. 18 for most spring quarter classes.

If you miss the Mar. 18 deadline, you



IN-PERSON REGISTRATION LOCATIONS-MARCH 10-18

- **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 5 p.m., Monday through 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 Bank Building, downtown St. Paul.** Hours are 9 a.m. to 5 p.m., Monday through Friday.

All registration offices are closed weekends.



can register by mail with a \$5 late fee on Mar. 19 and 20. Late registration in person resumes on Mar. 23 and continues through the first week of classes with the \$5 late fee. See page 19 in the bulletin

for office hours during late registration.

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

Spring quarter classes begin the week of Mar. 30.

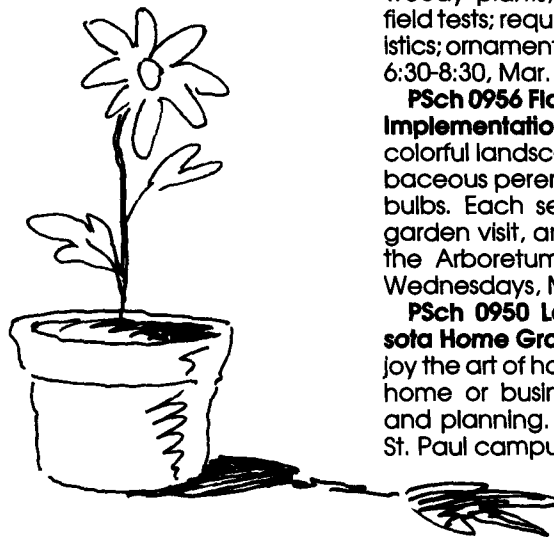
Digging up the dirt on plants

Color your world green with Complete Scholar/Practical Scholar noncredit classes on gardens and growing this spring. Several short-term (two to five meetings) courses are offered, including three that meet at the Minnesota Landscape Arboretum and feature examples from arboretum's outstanding landscape grounds and exhibits.

Call 624-8880 for registration materials for the classes listed here.

PSch 0954 How to Keep Your Yard Green and Healthy. Care of trees, shrubs, lawns including planting, fertilizing, watering, wrapping, pruning, insects and disease control. Meets Tuesdays, 6:30-8:30, Apr. 14-May 5.

PSch 0955 Selecting the Best Plants for Your Home and Garden. Emphasis on



woody plants, trees, shrubs; results of field tests; requirements and characteristics; ornamental traits. Meets Tuesdays, 6:30-8:30, Mar. 31-Apr. 7.

PSch 0956 Flower Garden Design and Implementation. Learn how to create colorful landscapes using annuals, herbaceous perennials, tender and hardy bulbs. Each session includes lecture, garden visit, and hands-on learning at the Arboretum. Meets Mondays and Wednesdays, May 4-13.

PSch 0950 Landscaping the Minnesota Home Grounds. For those who enjoy the art of horticulture. Improving the home or business grounds, reviewing and planning. Meets Mondays on the St. Paul campus, Mar. 30-Apr. 27.

Changes in registration coming for summer

Some new registration procedures and enrollment policies take effect this summer with several additional changes to follow this fall. Complete details are included in the summer bulletin or in next year's bulletin; a few are noted below. Contact the registration office, 625-3333, or the CEE Counseling Office, if you have questions or need more information after reviewing your bulletin.

In-person Registration

Beginning with summer registration, **you must pay tuition at the time of registration** (or present proof of tuition deferment if you are on financial aid). You will present your registration forms and payment at one place, in the registration office, rather than going back out in the hall to the cashier's window in Wesbrook (tentatively planned for summer term registration).

Reopening Day, when unclaimed spaces in limited classes were made available to late registrants, will no longer be necessary. Random vacancies may still occur when a student cancels a class before it begins; the class then will

simply reopen until all spaces are again filled, when it will close.

For fall, **a new one-sheet registration form** will replace the multi-part, carbon-paper green registration form. Copies of the new form will be bound in at the back of the 1992-93 bulletin, and additional copies will be available in Wesbrook or by mail. Use of the new form will result in considerable savings in printing, paper, and mailing costs. A new computer-generated confirmation-of-registration serves as a fee statement and proof of enrollment (replacing the old receipted pink copy of the registration form).

Tuition based on student status

Beginning this summer, if you take a 5000-level course for graduate credit, you must pay the current graduate tuition rate when you register (or professional school rate for some colleges). This was an option for several years, but it is now mandatory. Formerly, students could take courses for graduate credit and then pay the tuition difference when they transferred the credit to their Uni-

versity of Minnesota Graduate School record. For courses which you previously registered in and completed for graduate credit, you must pay the difference in tuition rates in effect at the time of transfer.

Starting this fall, tuition rates will vary not only by course level and college, but also by your student status.

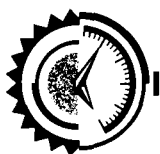
- The lowest tuition rate is that for undergraduate students who are Minnesota residents.
- Students who are admitted to a program but who are not classified as residents of the state (or reciprocity certified) will pay nonresident tuition.
- Students taking courses for graduate credit will pay the graduate tuition rate (or appropriate professional school rate for some colleges). Resident and nonresident rates will apply.

Details on determining student status will be included in next year's bulletin. Simply registering for classes and earning credits does not constitute admission. You must apply and be accepted into either a CEE certificate program or a degree-granting program in one of the University colleges. Please call CEE Counseling at 625-2500 for assistance with your academic plans or with questions about admission.

The different tuition costs for each student status will be listed with each course.

Make summertime a learning time

Through summer evening Extension classes, you can sharpen job skills,



**SUMMER
EVENING
EXTENSION
CLASSES**

1992

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 means that many quarter-length classes can be offered over 5-week terms. 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.

Holidays

Offices will be closed and no classes will meet on the following University holidays: Memorial Day (Monday, May 25) and Independence Day (observed Friday, July 3).

Split Rock brings out the artist in you

The Split Rock Arts Program returns this summer combining people, learning, and place to provide an exciting experience in the arts.

Andy Gilats, Split Rock program director, says the week-long workshops, which meet on the University's Duluth campus, are both stimulating and relaxing. "All the focus is on practicing creativity, in developing your talents in an atmosphere that is supportive and where there aren't the disruptions of everyday routine."

Split Rock offers over 40 workshops this summer; call 624-6800 for information about topics and accommodations. Course areas include drawing, painting, and other visual arts; fine crafts; photography; writing; creativity workshops; and much more.

* * *

The idea that Split Rock is a place where the artist inside us can emerge is also the premise in Paulette Bates Alden's popular short story class offered at Split Rock. There's a story inside us just waiting to get out.

"I put emphasis on telling stories. I think storytelling is a very natural, primordial ability." Participants in the week-long class develop and practice that organic approach to writing—the story will emerge if you let it and if you listen to it.

"On the first day, we talk about openings for stories, setting a context and a tone and introducing characters." The students discuss the process, then they generally bring in some story beginnings the next day. "The community of trust that the Split Rock group offers means that people bond themselves quickly to the other students and their efforts," she says. People may be at different levels but the group offers reinforcement. "It's an important part of the Split Rock experience," Alden says.

To trust the writing process is to concentrate on the ideas first, she says. That's why she stresses getting started, getting down an opening. "Often that first effort will be loaded with ideas and images from which the story unfurls." She includes activities to bring out those potential stories—write a list of your five obsessions, or write down those things in your life that are most meaningful to you, or most painful, or which are unresolved.

She'll also ask students to use people and places and events that moved them as starting points, since these experiences are rich with story possibilities.

She tries to include some "dreamy" time, too, so that students can allow their unconscious voice to speak, she says. "Ideas may come unexpectedly. These students may know more of the



SPLIT ROCK
arts program

Duluth, Minnesota

story than they realize—it's a matter of which door to open." Then the story and the writer can interact, in that generative process, to improve the expression of ideas.

During the week, discussion continues in class about development of the story. "We may talk about use of memory or imagination," she says, which requires the writer to put more of herself or himself into the story.

"Once they get something going, we'll do exercises to help them think about imagery," she says. For example, they may make associations with other forms of expression—if your story was a drawing, what would it look like, or if it were a piece of music, how would it sound?

She doesn't ignore the technical elements associated with structure or technique, but she does want the ideas to come first. "Place, setting, tone and voice—the elements that set your contract with the reader often are there,

cast in that first page." She shows them how restriking a sentence can influence a story. "I'll urge them to consider experimenting and seeing what the effect is—to try starting with a line of dialogue, or with the word 'when,' or with an authoritative statement to position the narrative voice."

They also review examples, especially in using and developing dialogue and characters. "Reading as writers—watching what other writers do in their works—is the most worthwhile exercise," she says, in learning the technical aspects writers can experiment with and apply.

Split Rock can be a great combination of process and product, Alden says. "We are trying to think in terms of a story that can stand on its own." By late in the week, they are often reading drafts of complete stories, but that's not required either. "In some groups, students aren't ready for an entire story or even interested in getting one done that week." Often that is because they're busy analyzing ideas, and that's good, Alden says.

Learning and the writing process continues after the class, too. Participants may continue to meet informally, for instance. Usually students submit their work later to be incorporated into an anthology of the stories they began or worked on during Split Rock, Alden says. It's rewarding to students to see how their efforts and the efforts of their friends turned out because it is an exciting, memorable week, she says.

"Students look for energy in Split Rock, and they usually find it" Alden says, and her job simply is to help them, to be a facilitator. "It may come from unexpected sources, like their stories, especially when those come from their own experience."



Alden

"U" golf course requirements

Effective this spring, students (1) must be enrolled for at least 6 credits, and (2) they must have paid either the athletic facilities fee or the student services fee to be eligible to use the University golf courses at the student rate or to purchase the student season pass.

Graduate students carrying 4 credits or more may qualify if they also purchase the recreational sports permit available from Rec Sports at Cooke Hall or the St. Paul Gym.

Oriental gardens: More than meets the eye

The tradition of the Japanese garden goes back centuries. Shirley Mah Kooyman's Compleat Scholar noncredit class on Japanese gardens is a tradition, too. She's been teaching it since 1987, the early days of the Compleat Scholar.

Kooyman's familiarity with the Oriental garden, outside her natural curiosity as a botanist and master gardener, came as a result of her travel and research and the opening of the Minnesota Landscape Arboretum's Japanese garden exhibit in 1985. Kooyman, as director of volunteers at the Arboretum, incorporated background on Japanese gardens into the training of tour guides. "The course started out innocently as a way to talk about the rising popularity of Japanese gardens, especially as they were developing around the Twin Cities," Kooyman says.

The Japanese garden is intriguing to us, Kooyman says, because of its complexity in both design and in use. In her class she discusses the Japanese garden elements and their roles: the plant materials used; the inclusion of man-made items, such as lanterns, as part of the decorative scheme; and the structural elements, such as walkways.

The course provides insight, Kooyman says, into a cultural phenomenon that is both artistic and functional, while also exerting a spiritual influence. "Japanese gardens were intended as a place for contemplation, a place of natural beauty but with a purpose included," she notes.

Western gardens are far more likely to be a case of "what you see is what you get," she says. "The impact is largely visual, while Oriental gardens have both a practical and spiritual element associated with them."



THE COMPLEAT SCHOLAR

from the student board . . .

Be an effective communicator

One of my goals in joining the Extension Classes Student Board was to improve my communication skills. In personal and professional relations, the ability to communicate effectively is a decided advantage, while the inability to communicate is frustrating both personally and professionally. Participation on the student board has improved those skills for me, which I hope to use to our advantage as the University changes.

As a member of the Extension Classes Student Board for three years, it is rewarding to see what we have accomplished. The results are quantifiable in many cases, such as the procedures that allow Extension students to be exempt from event parking rates and the

Another important difference is the year-round utility and consideration given to the Japanese garden. "Western gardens generally are seldom thought of outside the growing season," she points out. "The Japanese garden was intended for use and appreciation throughout the year." Spring emphasizes tree blossoms and flowers, followed by summer shade and textures, fall colors, and winter shapes and silhouettes.

The class includes a field trip to local examples, such as those at the Arboretum and Normandale Community College. As a finale to the field trip the last couple of years, the class has included an optional meal at a Japanese restaurant.

* * *
The Exotic World of the Japanese Garden (PSch 0959) meets Tuesday mornings, 9 a.m. to noon, on June 23 and 30, at the Minnesota Landscape Arboretum in Chanhassen. Call 624-8880 for registration materials or a description of Kooyman's new one-day class this summer on the art of Chinese gardens. (Both also are described on page 110 of the summer Extension bulletin.)

forthcoming CEE Dean's list. Other results are subtle, but all are satisfying. And perhaps the most satisfying are the personal gains, in competence and in confidence.

Over the next several years, the University will undergo some dramatic changes. You can attempt to define those changes by becoming involved, or you can wait and only hope the process doesn't do irreparable damage to the Extension Classes programs so important to so many working adults.

Join us at a student board meeting to learn about the issues and join in discussion. You help the University and yourself by becoming a better communicator.

Joe Swierczek, Extension Classes Student Board

Learn about financial aid

The CEE Counseling office offers a monthly financial aid workshop for current and prospective Extension Classes, Independent Study, and Summer Session students. The workshops are designed for students who are pursuing their first bachelor's degree.

Please call CEE Counseling at 625-2500 for dates and times. The workshop is free, but space is limited so call for a reservation.

If you already have completed a bachelor's degree and are seeking financial aid, call a financial aid adviser at 625-2500 for assistance.



Kooyman

Earning credit on research projects

Research Explorations (REX), the CEE program that enables you to join a University research team, is becoming a popular directed-study option for students who want to earn college credit as part of their REX participation.

Although originally intended as a non-credit learning opportunity, many students treat REX as an academic internship. They get first-hand instruction, often with a regular University faculty member, and a chance to incorporate hands-on experience in research or in-depth study of a topic that interests them.

Directed study generally includes additional course requirements, which the student arranges with the appointed instructor, such as textbook study or other readings, publications research, and term papers or course projects on which to base a grade and credit completion. Students register for credit and pay the appropriate tuition.

Advisers from CEE Counseling can help in the registration procedures and formulation of a directed-study contract.

Contact the REX office, 625-9001, for information and referral. Please note that some REX projects are not led by regular faculty and some projects are not open to directed-study.



RESEARCH EXPLORATIONS

Examples of programs that may be open to directed study.

Isolation and Purification of Chicken Antibodies (REX 0129), Dept. of Plant Biology
Evaluating Grapes for Growing in Minnesota (REX 0142), Dept. of Horticultural Science
Structure and Function Analysis of Macromolecules (REX 0435), Department of Biochemistry

Effect of Lake Superior on Spruce Budworm Moth (REX 0150), Dept. of Entomology
Impact of Agricultural Chemicals on Groundwater (REX 0121), Dept. of Soil Science
Archaeological Applications of Space-Age Technology (REX 0225), Dept. of Classical and Near Eastern Studies

Cultural Diversity in the Work Place (REX 0241), Dept. of Speech Communication
Impact of Sexual Abuse Treatment on Family Functioning (REX 0260), Dept. of Family Social Science

Regional Rural Injury Study (REX 0360), Division of Environmental and Occupational Health

Attention Deficit Disorder: Discovering Norms for Testing (REX 0370), Dept. of Psychiatry

Adventures in Voice Education (REX 0608), Department of Music

The German Language in Minnesota (REX 0904), Dept. of German

Isolation and Characterization of Pancreas Enzyme (REX 0343), Dept. of Biochemistry

Study a language this summer

Intensive language instruction is possible during summer thanks to back-to-back scheduling of courses by term or daily class meetings. See the summer bulletin page indicated for course listings.

Hmong: Beginning White Hmong courses 1011-1012 are offered in consecutive terms; basic listening, speaking, reading, writing skills; communication competence and cultural sensitivity. (73)

Japanese: Students with previous study can take the 3-course Intermediate Japanese and complete a year's study in this 10-week offering. (73)

American Sign Language: Several introductory courses in signing are scheduled through the Department of Educational Psychology. (52)

French: Intermediate courses 1104 and 1105 are offered in consecutive terms. Fren 0001 prepares graduate students for the examination at the end of the noncredit course to certify a reading knowledge of the language if completed successfully. (61)

German: Third-quarter German (1103) is offered along with beginning courses that follow an individualized study technique. Reading German, the noncredit courses for graduate students also are offered. (66)

Latin: Individualized study materials combined with weekly discussion, study groups. Designed for all ages. (76)

Spanish: Intermediate courses are offered (1103, 1104, 1105) as well as 3005 Oral Communication and the noncredit Reading Spanish course (for graduate students). (93)

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, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.

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

Courses galore for summer

Select from dozens of courses never offered before in summer. More than 200 credit courses are scheduled. Many are new, and some are the familiar courses required in degree programs. Whichever you choose, Extension Classes provides you with the access to the quality and variety, at competitive tuition costs, of your state public University.

See the summer bulletin for complete course descriptions (page numbers included). Call 624-2388 to request a copy.

Business: Many introductory and intermediate courses are offered. Acct 1050 Introduction to Financial Reporting and Acct 3001 Introduction to Management Accounting, and some other accounting courses, meet on a 7-week schedule. Also offered: BGS 3004 International Business; BLaw 3058 Introduction to Law, Law of Contracts and Sales Contracts; Comp 3032 Preprofessional Writing for Business; BFin 3000 Finance Fundamentals; IDSc 3030 Information Systems and Information Management; Mgmt 3001 Fundamentals of Management; Mktg 3000 Principles of Marketing; OMS 1020 Data Analysis and Statistical Inference for Managers; and many more.

Afro 3910 The African-American Child: A Comprehensive Approach. Designed for those involved in helping children develop emotionally healthy and psychologically secure in a diverse society; research; child development. (33)

Amin 1771 Introduction to American Indian Studies. Images of the American Indian, persistence and change in communities, linguistics, ethnohistories. Meets CLA pluralism requirement. (33)

AmSt 5920 Contemporary Popular Culture in the United States. Analytical theories and cultural examples from electronic and print media, such as Madonna and Elvis, texts, cultural practices. (34)

Area Studies Programs: Courses in the social sciences and humanities related to other countries and cultures including 20th-century Japan, the Qur'an as literature, Islamic mysticism, and India through film. (36)

ID 5525 Garbage, Government, and the Globe. This popular interdisciplinary course will be offered over a concentrated two-week schedule and focus on applications of this topic in classroom teaching. Teachers will work on curricular materials selection and development. Format generally includes guest speakers and field trips; issues include toxic waste, garbage treatment, ethnics, environmental impacts on soil and water, economic and business implications. (74)

EngW 5130 Advanced Creative Writing: Mixed Genre Workshop. Small group

class led by Michael Dennis Browne concentrating on students' work in either prose or poetry. Prereq is written permission; students not in the graduate program in creative writing must submit an application packet, including a 10-page writing sample by May 15. Call the program office at 625-6366 for information. (56)

PBio 1009 Minnesota Plant Life. Characteristic and conspicuous Minnesota plants; basic distinctions, life cycles; habitat requirements, distribution, vegetation types, ecological relations. (85)

Pol 3306 The American Presidency. The office; organization of the executive branch; relationships with Congress, bureaucracy, parties, interest groups, media and public opinion; individual presidents. (86)

Mus 5950 Voice Workshop: Function, Care, and Expression. Traditional and scientific methodology; anatomy, physiology, acoustics; voice health, pathologies, therapies; technique and expressive vocal performance. A one-week seminar, June 22-27. (82)

Bookstore notes

- The University Bookstores in February began accepting VISA and MasterCard as a payment option.
- Bookstore hours were extended last year. Also, several Saturdays, early and late in the quarter (limited hours), were added to the schedules. During the regular school year, bookstores are open 8:30 a.m. to 5:30 p.m., Monday through Thursday, and 8:30 a.m. to 5 p.m. on Fridays. (Hours are re-

duced during the summer.)

- Remember that the bookstore buys back only the number of used, required textbooks that are projected to meet the need for upcoming terms. Wholesale book companies may purchase books that are not required. Finals week is the best time to sell books; check at the bookstore for additional information. (A picture I.D. is required to sell books or return books.)

Specialized instruction offered for training interpreters

Community interpreters, in a variety of languages, are becoming an important part of our social systems. The need has been demonstrated again and again as new immigrants and non-English speaking residents require language assistance in understanding and interacting with the legal system and health care providers, for example.

Extension Classes and the Minnesota English Center (currently part of the Department of Linguistics), with funding from the Bush Foundation and government agencies, are offering interpreter training to qualified, fluent speakers in

Hmong, Khmer, Lao, Vietnamese, Russian, and Spanish.

Applications will be accepted this summer for course work that begins in the fall. Demonstration of language proficiency is necessary. "Admission is competitive," says linguistics professor Bruce Downing. "Last year, the program had 140 applicants for 60 positions."

This year the emphasis is on legal system interpreting. An introductory interpreting course is scheduled for fall; law-related study and more interpreter training follow in courses later in the year.

Call Extension Classes to request information and materials, 625-9001.

Public Health Nutrition courses

Courses in the Public Health Nutrition program are available this summer in a special alternative format. Three courses meet daily for two weeks (July 20-31) on campus; after the intensive class format, students work independently through mid-November, completing course requirements and applying course content in their work settings.

The courses are part of the REACH project (Rural Education Applied to Community Health) but qualified stu-

dents may register without being admitted to this master's program available through the School of Public Health.

PubH 5900 Public Health Nutrition: Principles and Programs (3 credits)

PubH 5902 Maternal and Infant Nutrition (3 credits)

PubH 5903 Nutritional Assessment (2 credits)

For information about these courses or admission to the REACH Project, call Kathy Brown at 626-9091.

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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. (Please allow two months for records to be corrected.)

Second class postage paid, Minneapolis, Minnesota

Parking coupons phasing out

Effective June 15 (when spring quarter is over), all coupon parking will convert to regular daily rate parking. May 29 is the last day coupons will be sold, but they will be accepted until the expiration date printed on the coupon. Refunds will not be issued for unused coupons.

Extension students may continue to park in Lot 33 for the regular daily rate on event nights. Coupons will be accepted through the end of spring quarter. Starting this fall, hang tags will be available for Extension students to display at times when event parking rates take effect; they will be distributed through the Extension Classes registration office.

Coupons are being eliminated to simplify procedures for customers. A survey indicated that many coupon users found them inconvenient and 73 percent would not be concerned if their use was dropped.

Advising office closed May 12-14

The advisers and counselors at the CEE Counseling Office in 314 Nolte Center are continuing their educations, too.

The counseling office will be closed May 12-14 (T-W-Th) for annual in-service training; advising staff will not be available.

If you need advising assistance, please contact at 625-2500 before or after these dates.

Summer registration



TERMS

First 5-week term June 16 (Tuesday) to July 21
 10-week term June 16 to August 26
 Second 5-week term July 23 to August 26

REGISTRATION DATES

By mail (first 5-week term and 10-week terms) May 11 to June 3
 (second 5-week term) May 11 to July 8
 In person (first 5-week term and 10-week term) May 26 to June 3
 (second 5-week term) May 26 to July 8

REGISTRATION OFFICES

Minneapolis campus 101 Westbrook 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.

Students are urged to register by mail for all classes (limited and unlimited). **June 3 is the last day to register without a late fee for 10-week term classes and first 5-week term classes; July 8 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 June 3 (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.