

## Empower Yourself

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

They're people like you, who work during the day in business, government, and at home, but they invest in themselves and their futures by taking college courses to advance careers and finish degrees. And they come to the University of Minnesota for a lot of very good reasons that you should consider.



- **Choose just what you need.** Take classes to acquire the skills you want for career advancement or to complete a degree. Hundreds of Extension classes are scheduled each year in over 100 academic departments.
- **A proven quality program.** Extension has been offering University evening classes for 80 years. Classes are taught both by regular faculty and practicing professionals appointed by the academic departments as adjunct faculty. You get the best of both—a nationally known major teaching and research institution located in a large metropolitan business center. Dozens of degree options and majors can be completed through evening classes, including new degrees such as the Bachelor of Applied Business offered at Inver Hills Community College and the Bachelor of Information Networking offered at North Hennepin Community College.
- **Extension classes are cost-effective.** The University of Minnesota is your public University, providing affordable education in the land-grant tradition. Tuition averages about \$80 a credit.
- **All the advising you need—days or evenings.** From program planning to financial aid to career development, you can get the help you need from the CEE Counseling office. Full-time professional advisers, who specialize in helping adult and part-time students, can help you get started... and finish.
- **Convenience, service.** Simple registration by mail makes it easy to enroll. Classes meet evenings and weekends when working people can attend (but daytime classes are open through Extension registration, too). And most classes are held on the centrally located East Bank and West Bank campuses, with thousands of low-cost parking spaces available after 4:30 p.m. right on campus, usually within three blocks of your classroom, in attendant-staffed ramps and lots.
- **Explore, experiment, grow.** Anyone may enroll in Extension classes. You don't have to be in a degree program. Try classes in computers, marketing, composition, geography, health, nutrition, engineering, art, biology, and many more areas. You can find out what college classes are like and discover if you are "college-able" before committing to a degree or certificate program.

If you haven't received your copy of the new 1994-95 Extension Classes bulletin, call 624-2388 to request a copy.

## A handy guide to the bulletin

Even though the new 1994-95 Extension Classes bulletin is over 500 pages long, finding the courses or information you need isn't difficult if you follow some of the guides provided.

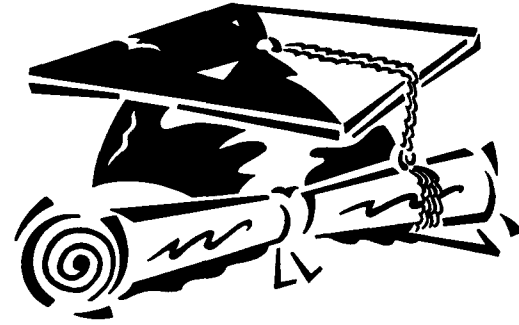
- The table of contents offers an overview of the bulletin's arrangement.
- The "calendar" for 1994-95 appears on page 9 and includes all key dates regarding registration and terms. See the office hours section on pages 10 and 11 for additional special dates such as holidays and term breaks.
- Cross references are included with many course listings for courses on related topics offered through other departments.
- Summary listings under topics such as health, human ecology, business, education, and engineering help direct you to the specific departments with the courses you want.
- Courses that also are offered through the Department of Independent Study (by correspondence, radio, television) have the notation **(IS)** after the tuition. Call 624-0000 to request an Independent Study bulletin. Independent Study allows you to take up to a year to complete course requirements working at your own pace and in your own place following a comprehensive study guide that directs your work in the course.
- 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 courses, statistics, and many more.
- Page references, especially for important procedural or policy matters related to registration, dates, course information, grading, study aids, symbols, or degree requirements are included throughout the bulletin.
- A list of helpful telephone numbers appears on the front inside cover.

# Degrees of difference—new for you

Several new degrees have become available in Continuing Education and Extension during the last year.

These degrees are particularly designed to serve the educational and professional needs of adult and part-time students. Depending on the program, emphases include interdisciplinary learning, “applied” courses, and flexibility in choosing courses so you can tailor your education to meet your academic interests, professional interests, and career goals.

See the brief descriptions below of four new degrees. Check the Extension Classes bulletin for more information and contact the appropriate office listed or arrange to attend an information meeting.



## Bachelor of Applied Business (B.A.B.)

**A practitioner-oriented business degree intended for working people. Offered cooperatively with Inver Hills Community College as part of the Twin Cities Higher Education Partnership.**

- Classes offered evenings at Inver Hills—easy access, easy parking, supportive atmosphere.
- Courses address real-world business issues and relate workplace skills to your experience.
- Small classes, currently projected at 15 to 25 students (depending on number of students admitted). Scheduling arranged so that B.A.B. students may take classes together as a cohort.
- Graduates acquire a portfolio of skills and competencies valuable to students in their current jobs and that can help them advance in their careers.
- Focused curriculum means that 60 of the 86 upper division credits are in Professional Skills Core and Functional Area courses (required courses).
- Graduation in three to four years (8-10 credits a quarter) for students entering with 90 quarter credits and prerequisites completed.
- Easy entry into the program. Students transfer into this program and are admitted based on college work and life experience rather than high school record and college board exams. (The Inver Hills associate degree in business meets all prerequisites.)
- Priority registration in B.A.B. classes is given to students admitted to the program so they can stay on track to graduation.
- Convenient, student-centered services include mail/FAX registration, evening advising, credit card tuition payment, study skills assistance, and more.

Call the B.A.B. adviser at the CEE Counseling Department, 625-2500 for an advising appointment. Call 626-0556 for a brochure or to check on a group information meeting.

## Bachelor of Information Networking (B.I.N.)

**The B.I.N. is designed to equip students with the skills to build careers in the new era of information technology. Offered cooperatively with North Hennepin Community College.**

- The B.I.N. is an interdisciplinary blend of computer science, management and information systems, liberal arts, science and engineering, and hands-on experience.
- Classes offered evenings at North Hennepin—easy access, easy parking, supportive atmosphere.
- Course work and prerequisites are designed to accommodate full-time and part-time students, transfer students from

community colleges and other schools, and professionals updating career skills.

- Scheduling is arranged so students can take many classes together as a cohort.
- Admission is limited to 20 students a year to insure close interaction with faculty and small classes.
- Students are admitted based on college work, experience, and ability to succeed in technical course work (rather than high school record or college board exam scores).
- A state-of-the-art computer lab at North Hennepin is dedicated to the classes and needs of B.I.N. students.
- Priority registration is given to B.I.N. students in required classes.
- Convenient, student-centered services include mail/FAX registration, evening advising, credit card tuition payment, study skills assistance, and more.

Call the B.I.N. adviser at CEE Counseling, 625-2500; or e-mail via internet at [UBIN@maroon.tc.umn.edu](mailto:UBIN@maroon.tc.umn.edu). For those who see this issue of *Info* in time (distribution varies), plan to attend an information meeting about the B.I.N. at North Hennepin, Aug. 17, 6-8 p.m.; call 626-0556 to reserve your space.

## Master of Liberal Studies (M.L.S.)

**Timeless education, timely learning through an interdisciplinary master's degree designed for adult and part-time students. Offered jointly by the Graduate School and Continuing Education and Extension.**

- The M.L.S. is an 11-course graduate degree program with evening courses. Students taking one course a term (including summers) can complete the degree in three years.
- Four M.L.S. seminars (topics will vary) plus final project course form the core courses. Emphasis is given to the perspectives and methodologies of academic study across many disciplines.
- In six elective courses, students study in depth a topic they select that is important to their professional, career, or academic interests.
- Students are encouraged to move through the program as a cohort taking many classes together.
- The M.L.S. can meet the advanced degree needs of a variety of students . . .
  - liberal arts graduates who want to continue studies but without the narrow curriculum that most structured advanced degrees require;
  - professionals in specialized careers (teachers, engineers, health professionals, science and technical professionals) who want to broaden their understanding of society in almost any area that interests them;

continued page 3

## degrees from page 2

- students who want to combine courses and academic perspectives that cut across traditional disciplines (e.g., humanities and health care, business and philosophy, artistic expression and politics);
- working people for whom a master's degree is an important career credential that offers opportunities for advancement, job change, or scheduled salary improvements.
- The wide variety of academic opportunities available at the University of Minnesota, a major teaching and research university, are accessible through this interdisciplinary degree.
- Admission is based on academic record (3.00 g.p.a.), the student's program proposal and goals submitted with application materials, and other indicators of the student's ability to succeed in graduate study. An earned bachelor's degree from an accredited institution is required; graduate entrance exam scores may be submitted but the GRE is not required for college graduates with a final cumulative g.p.a. provided.  
Call 624-8724 for information and application materials.

## The Master of Social Work—Weekend Program (M.S.W.)

Widely recognized as an important career credential in the helping professions and the terminal degree for professional practice, the M.S.W. program prepares

## Education Fest. . . You're invited!

Education Fest is an open house for you, the adult and part-time student.

Thursday, Sept. 8, 5–8 p.m.  
Nolte Center, Minneapolis Campus (East Bank)

The atmosphere is informal, but there's plenty to do. For instance:

- Learn about undergraduate degrees and classes
- Pick up catalogs, course information
- Get information about financial aid
- Shake hands with Goldy Gopher
- Free posters, bookmarks, other items
- Discover new learning opportunities: self-paced independent study courses, research internships, management seminars, teacher education, and much more.
- Complimentary parking
- Talk with a program adviser
- Take a campus tour
- Register for prizes
- Refreshments

The registration office in Wesbrook Hall is open until 8 p.m., and you may register for a fall quarter Extension class or independent study course that evening.

Parking will be provided at no charge in either the Nolte Garage or the Church Street Ramp (exact site not set at press time) on the evening of Education Fest. From University Avenue, turn right on 17th Avenue S.E. (Church Street on campus), and go one block and watch for signs.

Have questions, need directions? Call 626-1633.

**graduates to work with clients in schools, clinics, hospitals, community centers, public and private agencies, and business, as well as in program administration, community leadership, social planning, and policy reform. Offered in cooperation with the School of Social Work, College of Human Ecology.**

- Weekend classes (afternoons) allows you to work and still continue your education.
- Course scheduling leads to completion in two years.
- Student services are in place with the School of Social Work's full support: advising, mentoring, and administrative assistance. The degree is equivalent in every way to the regular daytime program.
- Priority registration for admitted students.
- Classes generally meet in Ford Hall, located right on Washington Ave. one block from new parking ramps and a bus stop for major routes.
- Admission requirements include one year of paid or volunteer social work or related experience.

Call the School of Social Work, 624-1096, for information or application materials. See also the Extension Classes bulletin, page 335, for the M.S.W.—Weekend Program course listings.

## Manage your career

Career counseling services and workshops from Extension Classes and the CEE Counseling Department help you plan your future whether you're starting out or starting over.

You'll find a friendly, supportive atmosphere in a specially designed six-session workshop, **Career Decisions—Strategies for Change**, led by professional counselors. You will have a chance to . . .

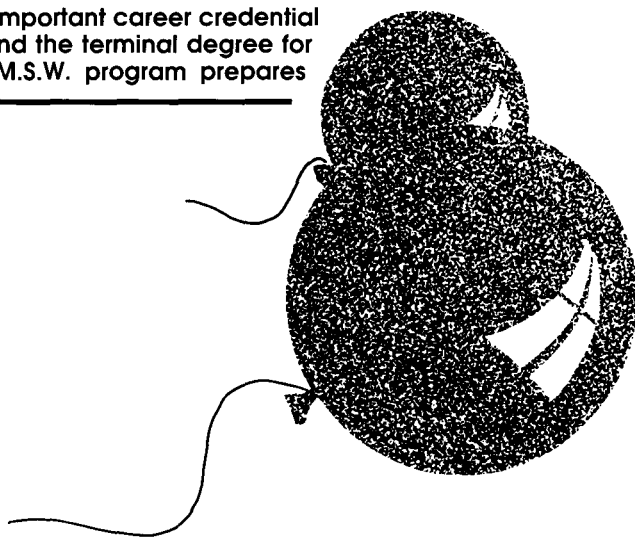
- consider values, job satisfaction, and interests
- explore educational opportunities and skills you have or can develop
- take the Strong Interest Inventory and Myers-Briggs Type Indicator

. . . all with people like you in an affordable noncredit evening class.

Additional courses also are scheduled with focused topics to suit your particular needs, including . . .

- **Mid-Life Career Burnout: Stresses and Strains**
- **Risk Taking for Personal Growth**
- **Career Unrest and Mid-Life Transitions: Realizing Change**
- **A Career Audit: Deciding What To Do With the Rest of Your Life** (a weekend retreat)

Noncredit classes are offered by the Compleat and Practical Scholar; call 624-8880 for registration information. Call the counseling department, 625-2500, if you want to make an appointment with an adviser or find out more about individual career counseling.



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 may 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. E-mail questions to CEEadv@maroon.tc.umn.edu.

## Information meetings—the place to get started

Returning to school? Need to know how to register and what to take?

The Department of Counseling in CEE will offer two kinds of group information sessions designed for students new to the University. The sessions are scheduled several evenings during August and September, both on and off campus. You'll learn about different CEE programs and registration options.

**Evening, correspondence, and media-assisted courses:** Registration information sessions are for prospective students who wish to find out more about CEE and are considering taking evening classes or courses through independent study. These meetings will provide information on returning to school, the University and how it's organized, registration procedures, degree program admission and major requirements, and how to select courses. General information about financial aid also will be included.

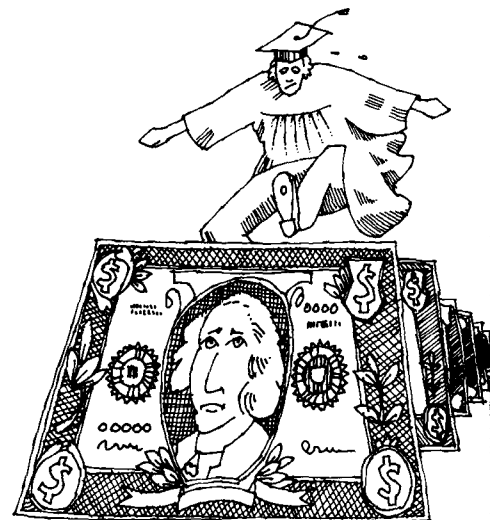
After the general information part of the meeting, students will be able to

meet in small groups related to their academic interests. In these groups, they will receive information specific to their intended area of study. There will be an opportunity to ask questions, and if students bring a transcript, they will be able to discuss transfer of credits.

Sign up for an information meeting by calling 624-0029.

**Day courses:** CEE day registration information sessions describe how adult and part-time students can take University day classes through Extension. Occasionally, CEE students cannot take classes in the evening, find it convenient to take day classes, or need a course that is offered only during the day. Students considering this option should discuss their plans with a CEE adviser before attending an information session. To talk with an adviser or sign up for a session, call 625-2500.

Call the CEE Department of Counseling (625-2500) if you have additional questions related to current or future enrollment in Extension programs.



## Financial aid possibilities are open to adults, too

Financial aid is available for the 1994-95 academic year. If you need help with educational expenses, the CEE Counseling staff can assist you in exploring options.

The CEE Tuition Assistance Grant Program, Minnesota State Grant, Federal Pell Grant, Federal Stafford Student Loan, Federal Unsubsidized Stafford Loan, and the Student Educational Loan Fund (SELF) are among the options for fall quarter.

The IDS Minority Access and Retention Scholarship and Nolte, Schott, Women's Christian Association, and Mucke/Roff Scholarships will be available winter and spring quarters.

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, and minimum or maximum number of credits allowed, vary by program.

While grants and scholarships require financial need, several loan programs are available to eligible students regardless of income.

For additional information, contact CEE Counseling, 314 Nolte Center; telephone 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, 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. The information in this publication is available in alternative formats. Call 624-3300.

Disability accommodations are available upon request. Call the information number given for the specific programs described in this publication, or call 624-3300 for referral.

# Networking career and college—the B.I.N.

The information superhighway, linking computers across the office and across the nation, is revolutionizing communications in America, providing people with access to information for every purpose imaginable—business, consumer services, entertainment, and personal contact.

Extension student Mike Stromwall is on that road—in the passing lane with the cruise control on—moving toward his degree in information networking at or above the posted speeds.

Stromwall was one of the first students admitted to the new Bachelor of Information Networking (B.I.N.) degree, a cooperative program with North Hennepin Community College (NHCC).

"I was looking for a degree program that covered applications," says Stromwall, "and this was the best option going for me in the computer field." Stromwall says he wanted to use his education on the job and needed a program that was academically based but not completely theoretical.

Working 25 to 30 hours a week in technical support and database programming for On-Time Transport gives him that chance; the company is the regional agent for Airborne Express.

That schedule works well both for him and his employer, and that's important since school takes up as much or more time for Stromwall, who is serious about staying on track to a degree. He takes at least four classes a term, mostly getting A's, and has a g.p.a. near 4.00 since entering the program. He says he hopes to complete the B.I.N. by spring or summer next year.

Dedication is characteristic of degree-seeking adult students, notes adviser Nancy Gonzalez of the CEE counseling department, and it's particularly true of the B.I.N. students she advises. "The students are wonderful. They're smart, motivated, and self-directed," she says. The B.I.N. and its multidisciplinary perspective offers an exciting opportunity for them. "It's a blend of disciplines that formerly had to be done separately," she says. "There was no program that combined computer science, information and decision science, management, engineering, and liberal arts."

As a career credential, the B.I.N. isn't limited to a focus on just a single vendor's equipment or software, either, she notes. "The education the B.I.N. provides cuts across that because it's based on principles that apply to the technology generally," says Gonzalez.

Like many Extension students, Stromwall is returning to school after a few years away. Out of high school he went to the University of Colorado for a couple of years, but says he wasn't really focused on school and dropped out and went to work.

Eventually he ended up back home in Minnesota, began a job where computer use was important and, again like so many adult students, started looking for related education. He went through a programming curriculum at Control Data Institute that gave him the fundamentals, but he recognized that wouldn't be enough to meet his goals. "I know I need a degree if my career is going to go anywhere," says Stromwall,

who eventually would like to work on his own as a consultant.

The professional education he needed proved to be the B.I.N., he says. He was taking computer science classes in the evening on campus and planned on earning the College of Liberal Arts degree available in that major. When he received a mailing about the B.I.N., he says he jumped at the chance to find out more: "It sounded like a great deal and it fit my interests."

Part of the appeal was the convenient scheduling of required courses at North Hennepin. Although Stromwall says he would have driven anywhere to get the courses, the community college is just 10 minutes from his Plymouth home.

The partnership nature of the degree program works well for Stromwall, too. He has taken University classes evenings on campus to accelerate his progress and day and evening courses through NHCC to take advantage of community college tuition rates. And of course, he does his homework on a personal computer but says he expects to spend more time in the lab at North Hennepin this year, especially in the required networking courses.

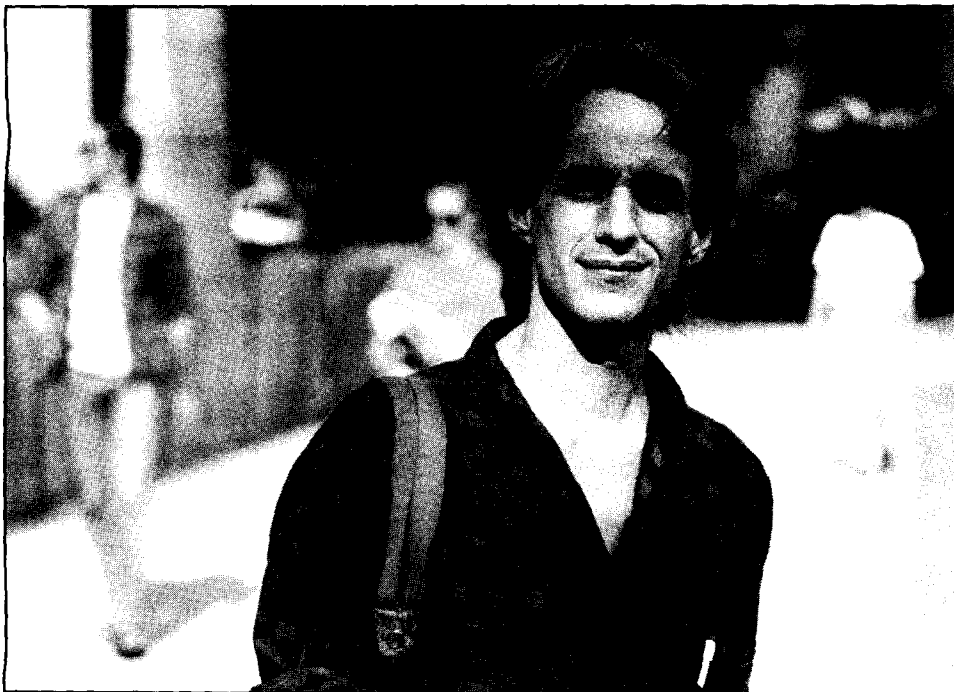
Stromwall says his classes include many of the same B.I.N. students, a reflection of the effort to keep students together in a cohort, to build camaraderie, and to give students a chance to interact and form their own personal networks. Gonzalez agrees: "The support and cooperation among them is just what you want to see in a student community."

In the B.I.N. program, classes focus on the design and management of data transmissions, network configuration, hardware and software requirements, and C++ programming. Classes include those like Edward Jung's on computer operating systems. "He really cares about his teaching and makes every effort to help you understand the technical aspects," says Stromwall.

The support staff in Extension walks the talk, too, when it comes to networking. Adviser Gonzalez exchanges messages regularly with Stromwall by e-mail. "Nancy's great, and I like being able to use e-mail to communicate with her about courses and planning," Stromwall says. He shoots off messages when he needs to and when it's convenient, knowing he'll hear back from Gonzalez within a day and without the telephone tag that their busy schedules create.

\* \* \*

For a descriptive brochure about the B.I.N., call 626-0556.



The B.I.N. offers what Mike Stromwall wants in a degree program.

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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.)

## 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 1994-95 Extension Classes Bulletin, pages 9 and 12-17, for complete information.

### MAIL REGISTRATION

**August 1 to September 14:** Registration forms with checks will be accepted by mail at 101 Westbrook Hall for limited and nonlimited-enrollment classes. Use the registration forms bound in at that end of the bulletin.

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

Fill out the new registration form completely (both sides). Social security numbers and birth dates are used for coding purposes and help distinguish your student record. Include your University I.D. number if you have one. The form may be photocopied if you need additional forms.

Registrations are processed daily; early registrations (received before Aug. 1) 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 6-14:** Registrations will be accepted at 101 Westbrook Hall on the Minneapolis campus; at the MacPhail Center, 1128 LaSalle Avenue, downtown Minneapolis; or at the downtown St. Paul registration booth in the Norwest Center, Fifth and Minnesota. See page

10-11 in the bulletin for registration hours. All registration offices are closed weekends, except for Saturday, Sept. 10, when the main registration office is open 9 a.m. to 1 p.m.

The full amount of tuition and fees now is due when you register. You may charge tuition and fees on VISA and MasterCard. (Delayed payment for students on financial aid and for third-party billings is permitted if arranged ahead of time.)

Off-campus classes: Students should register by mail for classes held at neighborhood centers. In-person registrations are not accepted at these school locations (Richfield High School and Roseville Area High School).

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

Fall classes begin Sept. 22 (Thursday) through Sept. 28 (Wednesday).



## What tuition do I pay?

Different tuition rates are listed with each degree credit course. (Exception: If you are registering for a course that has a course number beginning with zero, 0XXX, only one rate will be listed for that course.)

If you have been admitted to a degree program at the University of Minnesota and are classified as a nonresident, non-reciprocity student, you will need to pay nonresident tuition rates. Answer the questions below to determine your status; only one will apply.

- ( ) I have never been admitted to a degree program at the University of Minnesota. (Pay Minnesota resident tuition rates.)
- ( ) I have been admitted to a degree program at the University of Minnesota and am classified as a resident or reciprocity student. (Pay Minnesota resident tuition rates.)
- ( ) I have been admitted to a degree program at the University of Minnesota and am classified as a nonresident, non-reciprocity student. (Pay nonresident tuition rates.)

Student status is subject to compliance review. Students must indicate their status and sign a confirmation of student status, similar to those indicated here, on the new registration form.

In addition, graduate credit tuition rates vary depending on whether you are classified as a resident or nonresident and whether you intend to apply the course to a University of Minnesota Graduate School program. See the bulletin, page 24.

# INFO

A Newsletter for Continuing  
Education and Extension Students

## Bookstores put time on your side

University bookstores continue with expanded hours this year that should prove convenient for most Extension students. Regular hours and fall quarter special hours are given below; note that special hours vary by bookstore.

### REGULAR HOURS

The University of Minnesota Bookstore—East Bank is regularly open 8:30 a.m. to 6 p.m., Monday through Friday. (This bookstore is in Williamson Hall; formerly known as the Minnesota Book Center.)

The University Bookstore—West Bank (H.D. Smith Bookstore) is open 8:30 a.m. to 5:30 p.m., Monday through Thursday (5 p.m. on Friday).

At the University Bookstore—Health Science (Moos Tower), hours are 8:30 a.m. to 5:30 p.m. on Monday through Thursday (5 p.m. on Friday).

The University Bookstore—St. Paul (in the lower level at the St. Paul Campus Student Center; formerly Books Underground) is open 8:30 a.m. to 5:30 p.m., Monday through Thursday (5 p.m. on Friday).

### SPECIAL FALL TERM HOURS

University bookstores are open extended hours before classes begin and during the first week of each quarter to make it easier for you to shop for textbooks and course materials. The additional hours are given below for fall. **The first week of fall classes is considered Thursday-Wednesday, Sept. 22-28.**

Note also that the Minnesota Book Center is open all Saturdays during fall quarter (starting Sept. 10).

**University of Minnesota Bookstore—East Bank (Williamson Hall), 625-6000.** Books for most departments in CLA, IT, Education, and General College.

Before classes begin: Monday, Sept. 19, through Wednesday, Sept. 21, 8:30 a.m. to 7 p.m.

First week of classes: Thursday, Sept. 22, 7:30 a.m. to 7:30 p.m.; Friday, Sept. 23, 7:30 a.m. to 6:30 p.m.; Monday through Wednesday, Sept. 26-28, 7:30 a.m. to 7:30 p.m.

Second week of classes: Thursday, Sept. 29, 8:30 a.m. to 6:30 p.m.; Friday, Sept. 30, 8:30 a.m. to 6 p.m.; Monday

through Wednesday, Oct. 3-5, 8:30 a.m. to 6:30 p.m. (Regular 8:30 a.m. to 6 p.m. hours resume on Thursday, Oct. 6.)

Saturdays: Sept. 10 through Dec. 10, 10 a.m. to 4 p.m. In addition, hours are extended the first Saturday in the term, Sept. 24 (9 a.m. to 6 p.m.), and the Saturday of finals week, Dec. 10 (9 a.m. to 4 p.m.).

**University of Minnesota Bookstore—West Bank (adjacent to Blegen Hall), 625-3000.** Books for the School of Management, several CLA departments, and music education (see page 18 for listing).

First week of classes: Thursday, Sept. 22, through Wednesday, Sept. 28, 8 a.m. to 7:30 p.m. (Friday, Sept. 23, 8 a.m. to 6:30 p.m.).

Second week of classes: Thursday, Sept. 29, 8:30 a.m. to 6:30 p.m.; Friday, Sept. 30, 8:30 a.m. to 5 p.m.; Monday through Wednesday, Oct. 3-5, 8:30 a.m. to 6:30 p.m.

Saturdays: Sept. 17 and 24 and Oct. 1, this bookstore is open 10 a.m. to 2 p.m.; also Dec. 10 (finals week), 9 a.m. to 3 p.m.

**University of Minnesota Bookstore—St. Paul (Student Center, lower level), 624-9200.** Books for classes on the St. Paul campus.

First week of classes: Thursday, Sept. 22, through Wednesday, Sept. 28, 8 a.m. to 6:30 p.m.

Saturday: Sept. 24 only, 10 a.m. to 4 p.m.

**University of Minnesota Bookstore—Health Science (2-544 Moos Health Science Tower), 625-8600.** Books for courses in the health sciences.

First week of classes: Thursday, Sept. 22, through Wednesday, Sept. 28, 8 a.m. to 6:30 p.m.

Saturdays: Sept. 24 and Oct. 1, this bookstore is open 10 a.m. to 2 p.m.

\* \* \*

Bookstores are closed on University holidays (Nov. 24, 25; Dec. 23, 26; Jan. 2).

## Bookstore hints

- 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. 5-10. 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.



## Seminars Plus++

# MAP—not just another employee workshop

Seminars Plus++ isn't the usual sort of professional development.

You know the routine—sit in a hotel meeting room, listen to a self-proclaimed expert (who's usually on an extended road trip with a traveling seminar show), jot down a few pearls of wisdom that might apply to you, and forget it all the next day back at the office when you're facing deadlines and an in-box that's overflowing.

Seminars Plus++ is new from the Management Advancement Program (MAP). These career-based workshops deliver professional development with a difference. Here's why:

- These seminars are challenging . . . we ask you to think about what you're going to learn ahead of time and tell us in writing what you expect, what you need to know. All participants submit their questions and interests to the instructor about two weeks before the workshop.
- These seminars are locally based and new from the University . . . you'll be learning from experienced managers, experts with proven track records, and University faculty.
- These seminars keep on working for you and your staff because when the workshop is over, it's not over . . . most

## New degrees

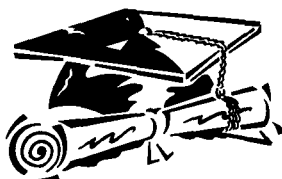
For information about the new degrees available through CEE, call the phone numbers indicated.

**Bachelor of Applied Business.** Classes meet evenings at Inver Hills Community College. Designed especially for working adults. Telephone 626-0556 for a descriptive brochure.

**Bachelor of Information Networking.** Classes meet evenings at North Hennepin Community College. Telephone 626-0556 for a descriptive brochure.

**Master of Liberal Studies.** Interdisciplinary graduate degree with in-depth study in a topic important to your academic or professional interests. Complete in three years. Telephone 626-8724.

**Master of Social Work—Weekend Program.** Classes meet Saturday and Sunday afternoons on campus. Designed for working professionals. Complete in two years. Telephone 624-1096.



one- and two-day workshops include a brief follow-up session for you to discuss and evaluate your efforts and outcomes.

Upcoming seminars include:

**Managing Customer Satisfaction**  
**Reality-Based Business Process Re-Engineering**  
**Front-Line Leadership Development**  
**Leverage Your Leadership Skills**

**Managing Transitions: Positive, Practical Roadmaps to Successful Change**  
**Business Communications: Developing Your Writing Skills**



Telephone the Management Advancement Program at 626-8713 for complete seminar descriptions.

## Courses on AIDS

**Topics in Anthropology: Anthropology of AIDS** (Anth 5920). Cultural, social, economic, medical, and psychological dimensions, issues. (See the bulletin, page 72 for description)

**Public Health Approaches to AIDS** (HSU/PubH 5010). Survey from a public health perspective with emphasis on intervention. Epidemiological and clinical features, impact and response of

affected populations, education and social policy. (Page 223, 314)

**AIDS/HIV: Cultural Perspectives** (ID 3201). Interdisciplinary study including historical, medical, philosophical, artistic, and sociological approaches. Variety of materials from academic writing to popular media. Guest speakers. Individual projects arranged. (Page 250)

## Don't let your first class be your last

Attendance at the first meeting of your Extension class is mandatory in several departments and strongly recommended in all cases.

Remember that missing one evening class is often equivalent to missing an entire week of day school classes.

If you think you may not be able to attend the first night, contact your instructor so he or she knows you plan to continue in the course. It is wise to get assignments, handouts, and a syllabus before the second class meeting so you can be prepared for any quizzes or other in-class work.

If you do not attend the first class and you do not notify the instructor, your space may be forfeited.

The following departments have strict policies regarding attendance at the first class meeting (check the departmental listing in the bulletin for details): Speech-Communication; Design; Art Education; Accounting; Learning and Academic Skills; Studio Arts; Composition; Alcohol and Drug Counseling Education Program (FSoS); and most departments in the College of Education.

### 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—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. The information in this publication is available in alternative formats. Call 624-3300.

Disability accommodations are available upon request. Call the information number given for the specific programs described in this publication, or call 624-3300 for referral.



# CentrUM connects teachers and the University

Science CentrUM is a new program in Extension Classes designed especially to serve K-12 teachers, particularly in the sciences. It's intended to be an information source, according to coordinator Susan Henderson. "The Science CentrUM will function literally and symbolically as the link supporting school teachers and University faculty engaged in K-12 science education," says Henderson.

The intent is to make connections, says Henderson, between teachers and college faculty and to address issues related to curriculum development, teaching methods, professional development and graduate education, and to other disciplines.

Fall programming highlights are listed below. If you want more information and want to receive regular updates, contact the Science CentrUM at (612) 625-6361; e-mail address is hende002@maroon.tc.umn.edu.

## Saturday Seminars with Scientists (SSS)

A series of informal presentations and meetings with faculty and researchers who will talk about topics they're studying and the applications and implications for their work. Each mini-series includes three seminars that meet Saturdays on campus, 8 a.m. to noon. May be taken for no credit (\$45) or one credit (\$107 for professional school graduate credit including M.Ed. programs; \$183.75 if you are in a University Graduate School program).

**Biotechnology SSS Mini-Series.** Topics include biotechnology and microorganisms in agriculture and food production; gene therapy; recombinant pharmaceuticals; human genome project; plant genetic engineering; plant cell and tissue culture; "Flavr-Savr" tomatoes; engineering disease and herbicide resistance; plant genome mapping; biotechnology and biodiversity. Sept. 24, Oct. 8, Nov. 19.

**Environmental Biology SSS Mini-Series.** Topics include a field trip to Cedar Creek Natural History Area to review wetlands and their ecological roles; water quality and science studies at the Gray Freshwater Biological Institute; toxicity and the environment; acid rain; garbage and the globe. Oct. 29, Nov. 12, Feb. 4.

## Project RISE

Regional Initiatives in Science Education (RISE) is a project of the National Research Council to facilitate science education and creation of national standards for local districts. Minneapolis Public Schools is one of the sites. In connection with the district's participation, two nationally known speakers are coming to the Twin Cities Oct. 27-28. Bruce Alberts, president of the National Acad-

## THE SCIENCE CentrUM

emy of Science will be talking about national science education standards as developed by the National Research Council. Jan Tuomi, national director of RISE, will review elementary science education and her work in developing

## Daytime classes from CEW

Extension Classes at the University of Minnesota doesn't mean just evening classes.

Many specially scheduled classes are offered during the day at convenient off-campus locations through Continuing Education for Women (men are welcome, too). For over 30 years, both women and men have taken advantage of these timely morning or afternoon classes to earn credit toward degrees, enrich their lives, and pursue career goals. You'll find more than two dozen courses in the arts, humanities, and social sciences offered this year, including the fall quarter courses listed below.

Note that many meet at the MacPhail Center, 1128 LaSalle Ave., downtown Minneapolis. See the course offerings section of the bulletin for complete descriptions; call CEW at 624-5267 for a descriptive flyer or information.

**American Cultural Diversity (AmSt 3113).** A study of the ways the works of selected writers, painters, architects, filmmakers, and creators of the popular arts can illuminate forces for diversity and

system-wide initiatives in San Francisco and her consulting work with over 100 school districts across the country; Tuomi's 20 years of experience as a classroom teacher insures that her viewpoint is always teacher oriented.

## Credit and noncredit courses

Several regular credit courses (most available for graduate credit) and non-credit Compleat and Practical Scholar short courses on science and the environment are offered each term. Contact the Science CentrUM for listings.

unity in modern America. Emphasis on members of black and white cultures of the American South in the last century. Meets CLA Cultural Pluralism requirement. Meets F, 9:30-noon, MacPhail.

**Writing Practice I (Comp 1011).** Basic required writing course. W, 1-3:50, MacPhail.

**Humanities in the Modern West III (Hum 1003/3003).** Impact of science and evolution theory on religious and humanistic thought; roots of existentialism; impressionism; disorientation in modern culture. Figures such as Kierkegaard, Darwin, Nietzsche, Chekhov, Joyce, Mann, Manet, Monet, Renoir, Degas, Wagner, Mahler. Th, 9:30 a.m.-noon, MacPhail.

**Introduction to Mass Communication (Jour 1001).** Nature, functions, responsibilities of communication media and agencies examined from the point of view of the professional journalist. News, opinion, entertainment, persuasion functions; specialized communication; advertising. M, 1:30-4, MacPhail.

**Introduction to Abnormal Psychology (Psy 3604).** M, 9:30 a.m.-noon, MacPhail.

**Sexuality and Self-image (WoSt 3204).** Basic concepts. Intimacy, gender and sexual identity. Racial, ethnic, other stereotypes and their influence; categories of human sexuality and their functions. Eroticism, homophobia, sexual violence, pornography, romance. W, 9:15-11:45 a.m., MacPhail.

**Woman: A Sense of Identity (WoSt 3205/5205).** Social and psychological factors that inhibit and enhance a woman's continuously developing sense of identity; learning who you are, what you want, planning and taking appropriate action. Exercises in assertion skills, body image, empowerment, goal setting. Offered T mornings or Th afternoons on campus.

Also: **Art of Egypt (ArH/Clas 3142), Introduction to American Literature (Engl 1016), Logic (Phil 1001), Beginning Spanish (Span 1101).**

## New MacPhail phone number

The MacPhail Center for the Arts, long a part of CEE and the University of Minnesota, is now an independent nonprofit organization; MacPhail officially separated from the University on July 1.

The new general phone number at MacPhail is 321-0100.

MacPhail continues to serve as the downtown Minneapolis registration center for Extension classes during in-person registration periods (only). Extension Classes bulletins are available for pick up there, also.

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 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.)

## Fall registration update

You can still register for fall term Extension classes.

Registration by mail started Aug. 1 and continues through Sept. 14. In-person registration is Sept. 6-14 at the locations listed below.

**101 Westbrook Hall—Minneapolis Campus.** Register in person at 101

Westbrook Hall between 9 a.m. and 8 p.m. (except for Friday, Sept. 9, when the office closes at 4:30 p.m.). Also open Saturday, Sept. 10, 9 a.m. to 1 p.m.

**MacPhail Center, 1128 LaSalle Avenue—Downtown Minneapolis.** Registrations are accepted at the MacPhail Center office between 9 a.m. and 6

p.m. (except for Friday, Sept. 9, when the office closes at 4:30 p.m.). Closed weekends.

**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. Closed weekends.

Students are urged to register early and to pay tuition with a personal check or money order. You also may charge tuition and fees on VISA, MasterCard, or Discover. The St. Paul registration booth cannot accept cash.

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

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

If you miss the Sept. 14 deadline, you can register with a \$5 late fee starting Sept. 15. Late registration continues through the first week of classes with the \$5 late fee.

See pages 9-11 in the bulletin for dates and office hours once classes have begun (Sept. 22).

## Build skills in "U" access courses

Often the biggest obstacle you face in returning to school is yourself—your uncertainties about what to expect in class, study skills, learning new material, meeting program requirements.

You can make the process smoother and easier with help from "University Access" noncredit courses offered by the Compleat and Practical Scholar.

**Taking the Sting Out of Stats: Preparing for Graduate Statistics** is an eight-session preparatory course for statistics study in credit courses at the upper division or graduate school level in behavioral science, psychology, education, or sociology. Gain a basic understanding of statistical concepts, definitions, processes, descriptive statistics, probability distributions, hypothesis testing. Elementary algebra helpful, not essential. Meets 6 to 8 p.m., Tuesdays, starting Oct. 4 on campus.

In addition, Practical Scholar classes also are offered to prepare you for college algebra, to review vocabulary and grammar, to review math skills, to enhance study skills, to overcome emotional blocks to learning, and to prepare you for graduate-level entrance exams including the GRE, GMAT, and LSAT.

Call the Compleat and Practical Scholar at 624-8880 for description and registration materials (or see the course listings for University Access starting on page 427 in the bulletin).



## Some classes require computer fee

A new computer fee for certain Extension classes was approved by the regents this summer after the Extension Classes bulletin was printed.

Extension students taking a 5000- or 8000-level course in the Institute of Technology and certain 3000-level Department of Computer Science courses must pay a \$25 course fee (per course, \$75 maximum a quarter).

This fee will be reflected on your fee statement if you have already regis-

tered and should be paid as soon as possible so you can be issued a new fee statement. You will need the fee statement and proof of payment to use the UNIX computer labs.

If you are enrolled in day classes fall quarter and paid the \$50 computer fee required through day registration, the CEE fee can be waived. Bring in or mail a photocopy of your day school fee statement to the Extension Classes registration office, 101 Westbrook Hall, to credit your account.

# INFO

A Newsletter for Continuing  
Education and Extension Students

Volume 25 / Number 3 / October 1994

Continuing Education and Extension

## Course costs depend on several factors

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.

In addition, Extension students who are admitted to University degree programs and classified as nonresident/non-reciprocity students must pay the nonresident tuition rate.

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

All 1000-level courses, regardless of college, are \$73.50 a credit for residents, reciprocity, and non-degree students. 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—apply to resident/reciprocity students and non-degree students (subject to change without notice).

General College	77.00
Liberal Arts	77.00
Human Ecology	77.00
University College	86.50
Management	86.50
Architecture, Landscape Arch	86.50
Institute of Technology	86.50
Education	86.50
Agriculture (including FScN)	86.50
Biological Sciences	86.50
Natural Resources	86.50
Nursing	86.50
Public Affairs	86.50
Public Health	107.00
Health Science Units	107.00
Physical Medicine	107.00
Veterinary Medicine	126.50
Medical School	132.00
Pharmacy	145.50
Graduate School	183.75

The graduate credit rate (\$107 a credit for residents, \$214 for nonresidents) listed with many 5000-level courses applies to students seeking graduate credit who **will not be** applying the credits to an

advanced degree program offered through the University's Graduate School. This rate applies, for example, to professional master's degrees programs such as the M.Ed. degree offered through CEE and the College of Education, as well as master's degrees in some other colleges.

For credits to be applied in a University of Minnesota Graduate School program, the tuition rate is \$183.75 for residents/reciprocity-approved students and \$404.25 for nonresidents.

Tuition must be paid at time of registration.

## Change in Public Affairs tuition

Tuition for classes in Public Affairs (PA) offered through Extension Classes has been changed since the bulletin was printed.

Undergraduate resident tuition for students registered through Extension will be \$86.50 a credit, the same rate as several other colleges and schools (Carlson School of Management, Architecture and Landscape Architecture, Education, and others).

Graduate-level tuition (for students at

other institutions or for University advanced degrees not offered through the Graduate School) will be \$107 a credit (\$214 for nonresidents).

Tuition for students admitted to a University Graduate School program or for classes you intend to apply to a University Graduate School program is \$183.75 a credit (\$404.25 for nonresidents).

Students in degree programs who have been classified as nonresident/nonreciprocity students must pay the nonresident rates.

### The Compleat Scholar

## Helping our children grow

Gain confidence in your parenting and acquire direction with your children in new 45-minute workshops offered this fall by The Practical Scholar.

Designed both for parents and professionals, these noncredit workshops offer you the insights of University instructors and community experts. Classes meet at the University Child Care Center at 1600 Rollins Ave. S.E. (15th Ave. S.E. and Rollins, next intersection past the railroad overpass on 15th Ave. S.E. as you head north away from campus on 15th Ave. S.E.).

Workshops meet from 4:30 to 5:15 p.m. Parking available by reservation in the center lot (\$2.50 prepaid) or on the street (metered parking adjacent to the center is \$1 an hour). Call for registration materials and parking information, 624-8880.

**Make New Friends But Keep the Old:**

**Helping Our Children Grow Socially** (PSch 0866). Wednesday, Oct. 12. Formation of friendships, positive social relations, helping children feel at home in the world outside the family. Susan Erbaugh, Ph.D., licensed clinical psychologist, Minneapolis Clinic of Neurology.

**Helping Our Children Grow Academically** (PSch 0864). Wednesday, Nov. 2. How parents can help their children succeed in school. Joe Nathan, Director of the Center for School Change, Humphrey Institute for Public Affairs.

If you see this copy of Info in time, you may also be interested in the Oct. 5 lecture, **The Too-Perfect Child and the Bad-to-the-Bone Kid: Helping Our Children with Self-Esteem**, led by Dr. Linda Budd, family therapist, adjunct faculty in family social science, and a past CEE Distinguished Teaching Award winner.

# Prepared parkers prevail

When it comes to parking on campus, a little planning goes a long way.

Plenty of options exist and there are hundreds of spaces available, but some may be less convenient or more expensive than others. Here's information that will help you. Call Parking Services at 626-PARK with questions or for specific information. Call 624-2388 for parking maps.

In addition to public parking lots, ramps, and garages, several contract facilities are open to public parking after 4:30 p.m. (However, never park in any contract facility where an attendant isn't on duty; your car may be ticketed and towed.)

Lots, ramps, and garages—with rates—are listed below. Note that many hourly rate and contract-only facilities go to flat-rate off-peak parking rates after 4:30 p.m. Availability of facilities to public parking and rates are subject to change.

On event nights, some lots may be by reservation only and most lots charge the event rate of \$4. See the related

story about event parking and hang tags that allow you to park in Lot 33 at regular rates.

## EAST BANK

### Public Lots

- Lot 37, Fifth Street S.E. and 17th Avenue S.E. (\$1.50)
- Huron Boulevard Parking Complex, Oak Street S.E. and Fourth Street S.E.; free shuttle to campus (\$1.50).

### Off-Peak Parking in Hourly/Contract Facilities

- Church Street Garage, across from the Architecture building, after 4:30 p.m. (\$3)
- Fourth Street Ramp, Fourth Street S.E. and 17th Avenue S.E., after 4:30 p.m. (\$2)
- East River Road Ramp, Levels 4 and 5, after 2 p.m. (\$2)
- Coffman Union Garage, Monday-Thursday only after 4:30 p.m. (\$3)
- Nolte Center Garage, after 4:30 p.m. (\$3)

- **NEW** Washington Avenue Ramp (between EE/CSci and the Radisson Hotel). (No off-peak rate; always \$1/hour)

## Contract Lots

- C55 and C51, enter on 16th Ave. S.E. and 18th Ave. S.E., respectively, between University and Fourth (\$1.50)

## Carpool Lots

- Lot 33, 5th St. S.E. at 17th Ave. S.E., and Lot 36, on 4th St. S.E. adjacent to Williams Arena; carpool only before noon; two people or more required (\$.50). Daily rate after noon; no restriction on number of people in vehicle (\$1.50)

## WEST BANK

### Public Lots

- Lot 93, adjacent to the Humphrey Center; enter off 19th Ave. S. (\$1.50)
- Lot 90 (\$1.50)

### Off-Peak in Hourly/Contract Facilities

- Lot 86, on the north end of the West Bank adjacent to the Law Bldg., after 4:30 (\$2)
- West Bank Ramp, 20th Ave. S. and 4th St. S., after 4:30 (\$2)

## Contract Lots

- C88, adjacent to the Law Bldg, after 4:30 (\$1.50)

## Carpool Lots

- Lot 94, on 4th St. S. between 19th and 20th Ave.; carpool only before noon (\$.50). Daily rates after noon; no restriction on number of people in vehicle (\$1.50)

## ST. PAUL

- Lot 101, Cleveland and Commonwealth (\$1.50)
- Lot 104, Earle Brown Center (\$2.50)
- Lot 108, Fairgrounds Lot adjacent to Earle Brown Center lot; free shuttle (\$1.50)

# If your class meets on an event night—pick up a hang tag

When special events occur on campus, such as sports events at Williams Arena and performances at Northrop Auditorium, special event rates go into effect at many of the public and contract parking lots, ramps, and garages. (In addition, some facilities may be by reservation only.)

On event nights, Extension students may park in Lot 33 on the East Bank after 4:30 p.m. at the regular daily rate if they have a special-event hang tag.

Many students will not need hang tags. Note the following requirements.

- Hang tags are given out in person only at the Extension Classes Registration Office in 101 Wesbrook Hall. The office is open evenings, Monday through Thursday, until 8 p.m. when classes are in session. Proof of current registration is required.
- Hang tags in fall quarter (and in most terms) will be given only to students whose classes meet on the East Bank of the Minneapolis campus (event rates seldom apply at other campuses).
- Hang tags are valid only for the weeknight(s) that the student's class actually meets.

Relatively few special events conflict with Extension classes. For fall quarter (Sept. 22-Dec. 10), event rate parking will apply on the following weeknights:

- Thursdays—Nov. 10, Nov. 17, Dec. 1 (men's basketball plus Northrop event on Dec. 1)
- Tuesdays—Oct. 4 (Northrop); Nov. 29 (men's basketball)
- Wednesdays—Oct. 5, Oct. 12, Nov. 30 (Northrop events)

These were the event nights set as of mid-September. This list is subject to change and additional events may be scheduled. For men's sports, virtually all facilities go to the event rate.

For Northrop performances, some surface lots farther from campus are not at the event rate. Also, event rates for Northrop go into effect two hours beforehand (three hours in Church Street Garage), and since the October 4, 5, 12 performances start at 8, many Extension students will be in the lots before the rates go up.

For Gopher women's sports events, the event rate is \$2.50 and applies only in the two lots closest to the Sports Pavilion (the west end of Williams Arena), Lots 36 and 31.

**A parking space is neither reserved nor guaranteed in Lot 33 on an event night. Space is limited; lots may fill at any time.** Please allow extra time to park and get to class on event nights, especially if you usually arrive on campus after 6 p.m.

**For parking information, call 626-PARK.**

## Park smart—avoid tickets

**Parking regulations are enforced vigorously on campus.**

General parking on Pleasant Street in front of Wesbrook Hall is not permitted. Several spots are designated as disability parking only. Vehicles parked in those spaces without required permits or license plates displayed are subject to fines and towing.

**The most convenient short-term parking on the east bank is the Church Street Garage, the below-ground garage adjacent to Morrill Hall. The entrance is on Church Street (17th Avenue S.E. off campus), directly across from the Architecture building.** The daytime rate is \$1.60 an hour (flat rate of \$3 begins at 4:30 p.m.).

# New degree works for working people

The new Bachelor of Applied Business (B.A.B.) from the University of Minnesota is being described by students and staff as "education you can take to work."

That's because the new degree, offered cooperatively by Continuing Education and Extension (CEE) and Inver Hills Community College, is especially designed for working adults.

The B.A.B. students likely are to be people who have been working for a while and were uncertain about their education, says Victoria Mikelonis, the faculty director for the program and a University professor in rhetoric. "They are people who couldn't find a curriculum that fit their interests, that had applications for their careers," she says.

In the spring class she taught, *Communicating For Results*, she met the motivated, pragmatic students the degree was designed for. "They're serious, they see the immediate value, they're not afraid to ask questions, and they're looking for information they can use," Mikelonis says. "The classroom isn't just a place for conveying information, it's an arena for exchanging knowledge," Mikelonis says. "The students think right along with you and bring in real-world examples from their jobs," she says. As a result, the teacher becomes a coach, a co-learner, and a guide: "They want direction and guidance, but they don't want to be spoon fed."

The lead adviser for the B.A.B., Barb Krantz of the CEE counseling department, says the students expect service and well as learning. "They're interested in a University program but they're also looking for the convenience of taking classes near their home or work," she says. The supportive atmosphere and easy access to campus at Inver Hills, where the B.A.B. courses are offered, is a real plus for adult and part-time students, Krantz says.

Most students enter the B.A.B. with two years of college, so the new degree program also represents a key opportunity for community college students to

continue their studies, says Krantz. "The advising staff and instructors at Inver Hills have been very cooperative and very responsive," says Krantz. "Jeff Greenwood of their advising office, Dean Cheryl Frank, and the faculty in the business area have put a lot of effort into preparing their students so they can go right into the B.A.B.," says Krantz. The associate degree in business at Inver Hills meets all the prerequisites for the B.A.B. program. Students also may satisfy prerequisites at the University or at other accredited schools.

Core courses are offered evenings at Inver Hills and address real-world business issues. Students bring their work experience to class and discuss and apply them in courses such as problem solving, small-group dynamics, leadership, and quantitative skills for decision making. Additional courses emphasize traditional business and management issues—accounting and finance, operations, human resources, and marketing, for example. Courses will be taught by University faculty and by approved faculty from other institutions, including Inver Hills, as well as some adjunct faculty from business or government.

The course work is focused with two-thirds of the credits in required courses. Students that come in with two years of college and have finished the prerequisite courses can complete the B.A.B. in about three to four years of part-time attendance.

Adult learners are looking for student-centered services, and the B.A.B. provides the help they need. Students admitted to the program get priority in registering so they can stay on track to graduation. Other student services include registration by mail or FAX, tuition payment by credit card, evening hours for bookstores and food service, and additional support for adult students in study skills, child care, and advising.

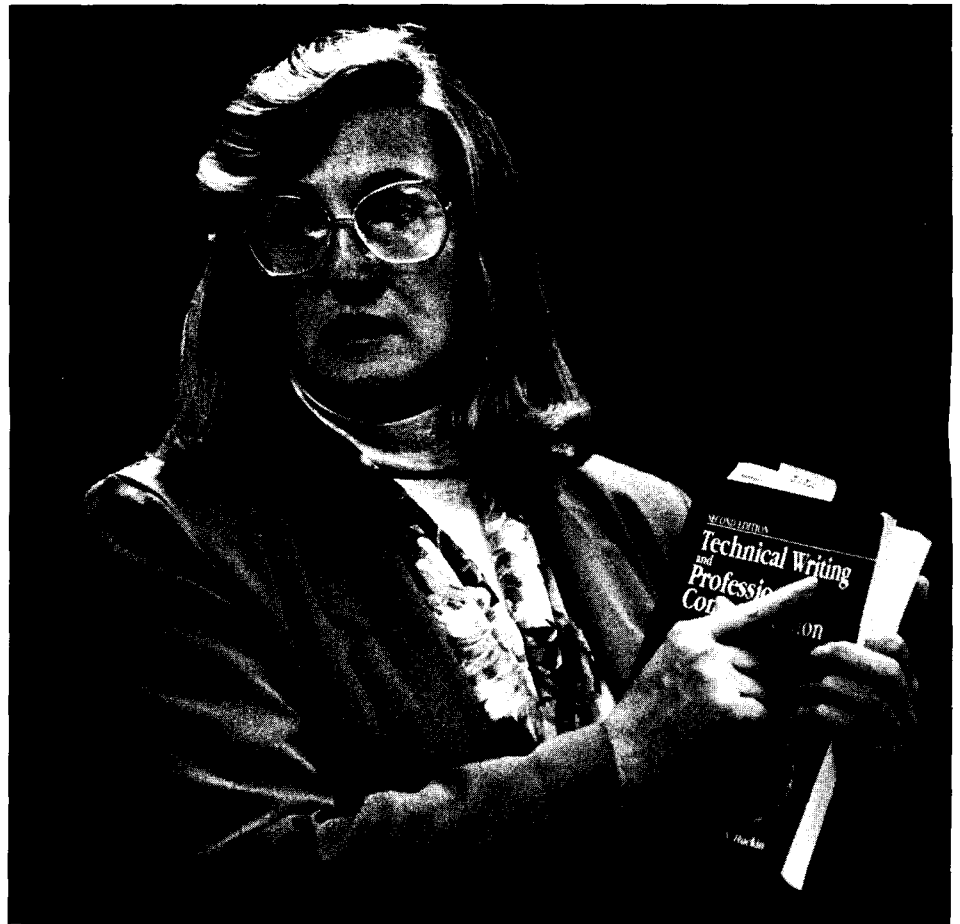
Classes will be kept small; 15 to 25 students at most are projected for classes currently. Graduates will acquire a portfolio of skills and competencies that demonstrates what they've learned and how it applies in their current jobs or to career goals.

\* \* \*

For a descriptive brochure about the B.A.B. degree program, call 626-0556.

## Additional parking

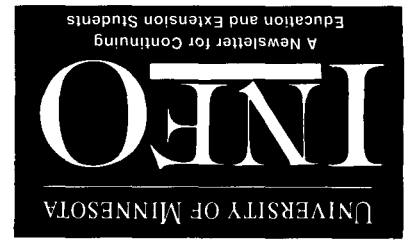
Ten new metered parking spaces on East River Road have been added behind Fraser Hall, just south of the intersection with Arlington Street. These short-term meters offer another parking option if you're stopping by Wesbrook Hall briefly. Other metered parking spots near Wesbrook are located on Pleasant Street in front of Fraser and Appleby Halls (about a block south of Wesbrook) and behind Norris Hall (off East River Road about one block north of Arlington).



University professor Victoria Mikelonis says that the students in the B.A.B. program are motivated, interested in process and results, and know what they want to learn to do their jobs better.

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University of Minnesota  
180 Westbrook Hall  
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Minneapolis, MN 55455

To correct your name or address on our lists, send the entire address panel and mailing label from your Info to Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455. (Please allow two months for records to be corrected.)

*For school, health, helping professionals*

## Workshop classes on child health and behavior

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 10 days before the class without a late fee. (Late registration at the door often is possible.) These classes generally are offered for one credit; graduate credit is available.

Call 625-3322 for questions about registration.

**PubH 5634 Licit and Illicit Drugs and Pregnancy.** Understanding of the effects of drugs on pregnancy, including alcohol, cocaine, amphetamines, marijuana, nicotine, caffeine; public health interventions. Drug screening; legal considerations. Meets Saturday, Nov. 5, 8 a.m.-4:30 p.m., one credit, \$122 (resident). The instructor is nationally known specialist Robert ten Benschel, M.D., of the Maternal and Child Health Program. Page 317.

**PubH 5650 Teenage Pregnancy and Parenting: Models for Intervention.** Pregnancy, abortion, parenting, adoption. Theory and application related to adolescent development. Emphasis on skills and understanding for effective counseling, program development, parenting. Meets Saturday, Oct. 29, 8 a.m. to 4:30 p.m. Page 318.

Fall courses from Child and Adolescent Psychiatry are listed below. These

one-day workshops meet Saturdays, 8:30 a.m.-3:30 p.m., \$132 (resident credit). Graduate credit is available. See course descriptions beginning on page 99 in the bulletin.

**CAPy 5620 Attention-Deficit Hyperactivity Disorder: Diagnostic Strategies and Educational Interventions.** Nov. 19.

**CAPy 5627 Aggressive, Delinquent, and Conduct Disordered Behavior in Children.** Anti-social and aggressive behavior; crime and violence; developmental pathways that lead to serious conduct disorder. Current theories and methods of treatment. Oct. 29.

**CAPy 5636 Screening and Assessment Strategies for Children With Disruptive**

**Behavioral Disorders.** Specific techniques. Functional-based diagnostic assessment model examples with ADHD. Behavior rating scales, structured interview schedules, general abilities tests, neuropsychological measurement procedures. Dec. 10

**CAPy 5639 Behavior Problems in Preschool Children.** Psychological development of infants and young children; characteristic. Assessment, prevention, intervention. Oct. 8.

See also courses listed under **Youth Studies (YoSt)** on working with youth and their families, working with youth individually, working with groups, and experiential learning options. Page 372.

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

**Registration Office:** 101 Westbrook Hall  
Telephone 625-3333

**Charles R. Cheesebrough**  
Editor

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

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# INFO

A Newsletter for Continuing  
Education and Extension Students

## And now it's time for our "Top Ten"

Here's an unofficial Top Ten list of services, features, and enhancements added over the last year or two that you'll find in Extension Classes and Continuing Education and Extension.

- **More than ever, we're out in the community.** Information meetings, career nights, cooperative degree programs with community colleges, classes at suburban high schools—we're taking the show on the road to locations closer to where you live or work, including information meetings and career nights at the Mall of America, Richfield Community Center, Ramsey County Extension Service Offices, and other places. And you'll still find a good mix of introductory and advanced evening classes at Roseville and Richfield High Schools each term.
- **New degrees keep coming.** The Master of Liberal Studies has been very well received; almost 200 people attended information meetings earlier this summer. The Bachelor of Applied Studies and Bachelor of Information Networking are growing steadily at the community colleges that co-sponsor these degrees, Inver Hills and North Hennepin respectively. And the Master of Social Work-Weekend Program allows those working in the helping professions to complete an advanced degree in two years attending classes on Saturday and Sunday.
- **VISA, MasterCard, and Discover are accepted for payment of tuition and fees.**
- **Premium courses.** We call it the "Academic Connection," and it includes interdisciplinary courses, hon-

ors seminars, and new topics courses—as well as little-known treasures that have been around for years—that add up to some of the best college learning opportunities available in the country, day or evening.

- **Refund policy changes.** You will receive a full refund if you cancel officially anytime during the first week of a regular term class; that means you can attend the first class meeting and still cancel without a penalty. (See the bulletin for the complete, official policy; refund schedule differs for special term classes.)
- **E-mail accounts.** We're working out the bugs with the Gopher computer folks, but once you register as an Extension student, you've got an on-ramp to the Internet superhighway (some restrictions may apply).

- **Textbook order by phone.** You may call in your textbook order, charge costs and handling/shipping fees to a credit card, and have books sent to you. Or stop by the bookstores and browse during the extended hours just before classes start and early in the term.
- **Less paper, more automation.** Our new bulletin size and format, new registration form, and new fee statement (confirmation of registration) have created efficiencies and economies that benefit both students and staff.
- **FAX registration.** If you're charging your tuition, you can submit your form via FAX.
- **Council on Liberal Education standardized degree requirements.** It may not sound beneficial, but it is, especially if you're working on a degree program (or planning on applying soon). Check with a CEE adviser about how to select courses that meet distribution requirements across all the University's colleges, including courses that count toward more than one requirement.

## Manage your career

Thinking of a career change? Looking for a new direction in your life? The CEE Counseling department offers individual counseling for students who want help in exploring career options. Career testing is available to help students clarify their interests, values, and personal characteristics for effective planning and decision making. (A fee is charged for these career assessment and counseling services.) Call 625-2500 for further information and to schedule a free initial counseling appointment.

### Holiday reminder

**November 24-25  
(Thursday, Friday)  
Thanksgiving holiday**

**All offices closed.  
Classes do not meet.**



#### On the inside . . .

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## A unique graduate education

It was a new degree—in fact, a new kind of degree for the University—that was years in planning, carefully reviewed, and cooperatively constructed by faculty and staff from Continuing Education and Extension (CEE) and the Graduate School.

It was grounded in successful core interdisciplinary courses—rigorous and rewarding and taught by senior faculty that included college deans—that also proved to be popular with the adult and part-time students who enrolled in them.

It underwent the traditionally thorough review of the Minnesota Higher Education Coordinating Board, which studied the proposal for months and approved it in mid-June 1994.

And then all that preparation and painstaking effort paid off. Quickly.

In two months, the Master of Liberal Studies (M.L.S.) degree went from a well-conceived idea to a well-received reality. The result is the first M.L.S. cohort, a cadre of lifelong learners with varied backgrounds and academic interests, who began classes this fall in a graduate program designed especially for them.

"The response has been overwhelming," says Extension Classes program director David Shupe. A mailing to University evening classes students and a few ads announcing the availability of the new degree resulted in hundreds of requests for information. Over 100 people attended an information meeting, which generated a dozen formal applications to the program the first week. Almost as many people attended a second meeting two weeks later. Another dozen applications came in. The majority of the interest, Shupe notes, came from an "internal" audience, students who have taken evening Extension classes in the past. (Surveys indicate that nearly 40 percent of Extension Classes students have already completed bachelor's degrees.)

The strength of the M.L.S. is its broad appeal and flexibility, says Shupe. "A few other institutions offer similar degrees, but ours is unique because it provides each student the opportunity to create his or her own interdisciplinary program of study," says Shupe. "Students can draw on the full breadth and depth of courses of a graduate school in a major research university." Students combine four required seminar courses with six electives and a final project course in the 44-credit graduate program.

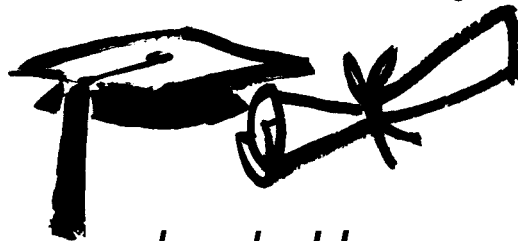
Shupe says the M.L.S. will attract students with a variety of experiences:

- liberal arts graduates who want to continue their studies and move beyond the required curriculum of more structured advanced degrees;

- professionals in specialized careers (teachers, engineers, health professionals) who want to broaden their understanding of society;
- students who want to combine courses and academic perspectives that cut across traditional disciplines, such as humanities and health care,

business and philosophy, artistic expression and politics.

\* \* \*  
**An information meeting about the M.L.S. will be scheduled in late November. To reserve your space or for more information about the Master of Liberal Studies degree, call 626-8724.**



## *The one and only U—providing the opportunity, the means, and the support for the M.L.S.*

"Given the opportunity to create your own focus for a graduate degree, what would you propose?"

That's the question—and the opportunity—offered to students in the Master of Liberal Studies (M.L.S.) program, says program director David Shupe.

Actually, the proposition goes beyond opportunity, he notes. "In this program, we provide the *means* because we have the graduate-level curriculum from one of the most comprehensive public universities in the country available to our students," Shupe says.

And there's more. Program associate JoEllen Lundblad points out that CEE staff, experienced in dealing across the University's wide range of colleges and programs, can make the connections students need. "We work with academic departments, with the Graduate School, with our own registration and advising offices to give students the service that can help them succeed in this program," she says.

Even though the M.L.S. is only a few months old, M.L.S. faculty and staff have been busy advising students and applicants on course selection, scheduling, and application procedures. Their efforts have paid off with nearly 30 students admitted to the program, most of whom began course work this fall.

What sorts of interests are these students bringing to the program? Here are just a few.

- A mechanical engineering graduate interested in human interaction with science and technology.
- A corporate attorney who wants to study the ethics of contemporary society.
- A University employee who wants to combine study of fiber arts, languages, and textiles as tactile cultural metaphors.
- A graduate in philosophy who wants to focus on biomedical ethics.
- Recent graduates, one in anthropology and one in international relations, interested in concentrating on Israel/Palestine issues.
- A professional woman who wants to study organizational change.
- A development officer interested in liberal studies related to philanthropy.
- A nurse interested in multicultural aspects of healing.
- An international student who is interested in advanced language acquisition.
- An entrepreneur who wants to study complex adaptive systems.
- An assistant comptroller who wants to explore across disciplines the many issues facing women today.

Some of these students are very recent graduates of bachelor's or professional school programs. Others graduated from college 20 years ago or more. But all were looking for a graduate degree option that allowed them the flexibility to study across traditional academic areas or to focus on a topic of personal or professional interest to them.

And as you can see, those interests are as diverse as their academic backgrounds, their ages, and the great variety of course work and scholarship only the University can offer.



# More student services

## Language tutoring

To help you gain mastery in foreign languages, Extension Classes conducts a 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 services continue 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.

\* \* \*

Here's information about a few other campus services and facilities available to evening students.

## Escort service: 624-WALK

The University police department provides a free security escort service (24 hours a day). To request an escort between buildings or to bus stops or parking lots, call 624-WALK. Campus phones are available in the main lobbies of classroom buildings.

## Libraries

Extension students are encouraged to make use of University libraries. Call

Library Information, 624-0303, to determine where particular materials are located, locate books or periodicals, and learn about LUMINA, the computerized catalog system. When using University libraries, you must present a current fee statement and bar-coded University I.D. card or a library borrower's card if you don't have a University student I.D. (available from the libraries).

## Restaurants

Several campus food service locations are available to evening students. Those listed below are open until at least

6 p.m., on Monday through Thursday evenings when most Extension classes meet.

Metropol (Blegen Hall, West Bank). Snack bar with pizza, frozen yogurt, muffins, sandwiches, popcorn, cookies, beverages.

Rug-on-the-Wall (Blegen Hall, West Bank). Short-line cafeteria serving sandwiches, salads, desserts, beverages.

Jerzees (Coffman Union, East Bank). Pizza, snacks, deli sandwiches, espresso.

Terrace Cafe (St. Paul Student Center). Full-service cafeteria with pizza, entrees, short-order items, beverages, serve-yourself bars.

# We're in your neighborhood

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.

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 classes are highlighted below. See the bulletin, page 529, for more information.

## Roseville Area High School—West Campus

Math 1142 Short Calculus  
Math 1251 One-Variable Differential and Integral Calculus I

Psy 1001 Introduction to Psychology  
Econ 1102 Principles of Economics-Macro (spring semester)

## Richfield Senior High School

Phil 1001 Logic

Coming spring quarter at Roseville: Comp 1011 Writing Practice, EPsy 5651 Managing Problem Behavior in the Classroom, Mktg 3000 Principles of Marketing, Math 1252 Integral Calculus II, Psy 3201 Social Psychology. At Richfield: Psy 3604 Abnormal Psychology.

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

## Extension Classes

## University of Minnesota Phone numbers

Bulletins (course catalog) .....	624-2388
Campus security escort .....	624-WALK
Closed classes .....	625-3333
Compleat Scholar (noncredit) .....	624-8880
Correspondence courses (Independent Study) .....	624-0000
Counseling Office .....	625-2500
Financial aid advising .....	625-4334
G.I. Bill .....	624-3341
Instructor's Phone Numbers .....	625-3333
Libraries .....	624-4552
Management Advancement Seminars (noncredit) .....	626-8713
Motorist Assistance Program (UofM parking lots) .....	625-6566
Office hours .....	625-3333
Parking information .....	626-PARK
Rec Sports .....	625-6800
Registration office and information .....	625-3333
Research Explorations (internships) .....	624-5092
Transcripts .....	625-5333
University phone directory information .....	625-5000
Bookstores	
East Bank .....	625-6000
West Bank .....	625-3000
St. Paul campus .....	624-9200
Health Sciences .....	625-8600

# CEE Counseling offers financial aid planning

Financial aid is still available for this academic year, 1994-95.

If you need help with educational expenses, the CEE Counseling staff will assist you in exploring options. For both winter and spring quarters, these include the CEE Tuition Assistance Grant Program, Minnesota State Grant, Federal Pell Grant, Federal Stafford Loan, Federal Unsubsidized Stafford Loan, and the

Student Educational Loan Fund (SELF) are among the options for both winter and spring quarters.

The IDS Minority Access and Retention Scholarship and Nolte, Schott, Women's Christian Association, and Mucke/Roff Scholarships will be available spring quarter.

All of these financial aid programs are open to adult part-time students. Re-

quirements such as admission residency, inclusion or exclusion of students with a prior bachelor's degree, and a minimum or maximum number of credits allowed, vary by program. While grant and scholarship programs require financial need, several loan programs are available to eligible students regardless of income. For additional information, contact CEE Counseling, 314 Nolte Center (telephone 625-2500).

## *Ease on into college with these meetings*

Information meetings for adults interested in degree programs, Extension classes, and other CEE programs will be offered in November and December by the staff at CEE Counseling. In these group meetings, you can learn about getting registered, general requirements, University policies and procedures, and programs and services for part-time and adult students. Call 624-0029 for a list of dates and times and to reserve a space.

## **from the student board . . .**

### **CEE student board wants your ideas**

The CEE Student Board invites all students in Extension programs to attend our monthly meetings; the board meets in Nolte Center (usually in Room 125, the library) at 6 p.m. on the first Friday of each month.

Come meet student board members and learn more about our role in the University community. We encourage anyone interested in joining the board to attend a meeting. Some activities currently being planned or considered are CPR training, e-mail information sessions, and discussions about student services.

Complimentary parking will be provided for guests who let us know they're attending; park in the Church Street Garage (enter after 4:30) and your parking ticket will be validated at the meeting. For additional information and to confirm meeting dates, call the student board at 626-8501 (please leave a message).



At the Extension Counseling department, Fran Van Slyke-Zaslofsky and her staff can tell you about financial aid possibilities for adult and part-time students.

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

**Registration Office:** 101 Wesbrook Hall  
Telephone 625-3333

**Charles R. Cheesebrough**  
Editor

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# Winter quarter registration

Registration for winter quarter and winter special term classes begins this month.

Dates are given here for mail and in-person registration for classes listed in the Extension bulletin. Be sure to see the bulletin, pages 12-17, 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.

(Registrations for day school classes through the Extension registration office will be accepted starting Nov. 11.)

## MAIL REGISTRATION

**October 31 to December 14:** Registration forms with tuition checks will be accepted by mail for all winter classes.

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, I.D. numbers, and birth dates are required for coding purposes.

## IN-PERSON REGISTRATION

**December 6 to December 14:** In-person registration at 101 Wesbrook Hall, Minneapolis campus; MacPhail Center, 1128 LaSalle Ave., in downtown Minneapolis; downtown St. Paul Skyway Registration Booth in the Norwest Center. See the bulletin, page 8, for hours.

**December 14:** Last day to register without a late fee.

Tuition and fees are due at the time of registration. (Tuition may be deferred only by students receiving financial aid through the University's Office of Student Financial Aid or who have pre-approved third-party billing.)

Winter quarter classes begin the week of Jan. 3 and run through Mar. 20 (including finals week which runs through Monday, Mar. 20).

# Spring semester

Registration for spring semester courses (which meet for 15 weeks rather than 10 weeks) will run simultaneously with winter quarter registration except that mail and in-person registrations will be accepted much later, through Feb. 1, without a late fee. A few spring semes-

ter Extension classes are scheduled, all in the Department of Economics.

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

- Registrations by mail will be accepted starting Oct. 31.
- The extended registration by mail and in person, after the close of the regular winter quarter registration period on Dec. 14, is Dec. 15 to Feb. 1.
- Because classes are not in session for part of this time, and because of holiday closings, office hours vary. Check the dates and office hours on pages 9-11 in the bulletin.
- Feb. 1 is the last day to register without a late fee for spring semester classes.

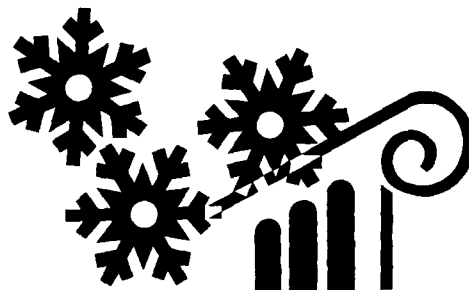
Spring semester Economics classes meet for 15 weeks plus finals week, from February 13 through June 10. Classes are dismissed Mar. 20-26 (winter/spring break). All classes resume the week of Mar. 27.

# Spring special term: registration starts Jan. 30

Register for spring special term classes during spring quarter registration, not spring semester registration dates as the bulletin indicates.

Spring quarter mail registrations are accepted beginning Jan. 30. Courses indicated as "spring spec term" in the section line are courses that meet during spring quarter but do not follow the regular 10-week quarter schedule. Most are shorter term courses that meet only a few times; many are scheduled as all-day classes and meet on weekends.

Registrations for spring special term classes received before Jan. 30 will be returned. Please resubmit them so they arrive Jan. 30. We regret any inconvenience to students.



Dogs,  
cats,  
and you

**COMPLETE  
PRACTICAL  
SCHOLAR**

Nearly half of all households include a dog or cat and if that includes you (or may soon), you can learn the basics of pet ownership with Dr. Beth Boynton, community practice veterinarian with the University's Veterinary Teaching Hospital.

**Heads to Tails: A Practical Guide to Pet Care** is a new noncredit Practical Scholar course this winter. Covers selection and making a good fit between animal characteristics and needs and your personality; training and socialization with a puppy or kitten; diseases and health matters; emergency care (veterinary hospital tour included); terminal illness and loss; and bonds developed with pets. PSch 0949; meets four times, Monday evenings, Jan. 23-Feb. 13.

Call 624-8880 for registration information.

## Added and revised Public Health courses

**Chronic Illness and Disability in Childhood (PubH 5613).** In-depth study of the epidemiology, identification, management, follow-up, and prevention of chronic and handicapping conditions of children. Community programs related to emotional, physical, and intellectual handicaps. Leonard, Patterson. Prereq grad student, PubH student, or instructor permission. WQ, sec 1, T, 4:40-7:10, D-325 Mayo.

**Topics in Environmental Health: Health Law I-II (PubH 5150, sec 1 winter and sec 2 spring).** A winter-spring topics offering; take winter section 1 only (no prereq) or register for both (prereq for spring section 2 is completion of section 1). Originally listed in the bulletin as four 1-credit special term classes; now offered for 3 credits each, meeting once a week for the entire term (Tuesdays, 5:30-8:30, limit 30). Course I covers the rights and duties of individuals, organizations, and government in discussing issues such as management of individual welfare and safety, tort, and consumer law. Course II addresses occupational law, worker protection, pollution law, real estate transaction, environmental law and regulation. Grad credit available. Wendt.

Register in 101 Wesbrook Hall or call 626-1348 for information or referral to the department.

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## Ready to graduate? Check the details

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 requirements of your major or college.

Advisers at the CEE 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, the Carlson School of Management, 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 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 Department for more information, an advising appointment, or referral to departmental advisers; 625-2500.

## New degrees

For information about the new degrees available through CEE, call the phone numbers indicated.

**Bachelor of Applied Business.** Classes meet evenings at Inver Hills Community College. Designed especially for working adults. Telephone 626-0556 for a descriptive brochure.

**Bachelor of Information Networking.** Classes meet evenings at North Hennepin Community College. Telephone 626-0556 for a descriptive brochure.

**Master of Liberal Studies.** Interdisciplinary graduate degree with in-depth study in a topic important to your academic or professional interests. Complete in three years. Telephone 626-8724.

**Master of Social Work—Weekend Program.** Classes meet Saturday and Sunday afternoons on campus. Designed for working professionals. Complete in two years. Telephone 624-1096.

## Correction on dates for spring special term registration

Registration for spring special term classes will follow the spring quarter registration dates, not spring semester registration dates as incorrectly indicated in the bulletin on page 9 (*When and How To Register*).

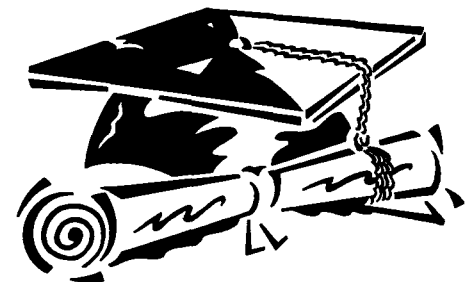
Spring quarter mail registrations are accepted beginning Jan. 30.

Courses indicated as "spring special term" in the section line are courses that meet during spring quarter but do not follow the regular 10-week quarter schedule. Most are short-term courses that meet only a few times; many are scheduled as all-day classes and meet on weekends.

Registrations for spring special term classes received before Jan. 30 will be returned. Please resubmit them so they arrive Jan. 30. We regret any inconvenience to students.

## Pharmacy tuition

Tuition for pharmacy courses (Phar) are computed at \$145 a credit, not \$145.50 as shown in the tuition chart in the October issue of *Info*. Costs listed with Phar courses in the bulletin are correct as printed.



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# INFO

A Newsletter for Continuing  
Education and Extension Students

## Winter quarter registration update

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

You may register by mail through that date, or stop by and register in person

from Dec. 6-14 at the locations listed below. Note that the Westbrook Hall registration office is open Saturday morning during in-person registration.

Tuition and fees are due at the time of registration. Students are urged to register as early as possible and to pay tuition with a personal check or money order or charge on VISA, MasterCard, or Discover. The St. Paul skyway 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.

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

Late registration by mail and in person with a \$5 late fee starts Dec. 15. Late registrations are accepted in person at the 101 Westbrook Hall office only. (Hours vary by date; see the bulletin, page 10.)

University offices are closed Sundays and on official University holidays (Dec. 23-24-25-26 and Jan. 2).

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

## Courses for teachers

**Curriculum Topics: Teaching Controversial Issues in the Classroom and Community** (Curriculum and Instruction 5145). An added class. A workshop intended for middle and secondary teachers as well as community members who would like to develop skills in guiding and moderating issues discussions in the classroom. One credit. Meets two Saturdays (Feb. 18, Mar. 18), 9 a.m. to 3 p.m., Earle Brown Center, StP campus.

**Teaching Writing in Secondary Schools and Colleges** (CI 5460). Historical and contemporary context; analysis of composing processes; prewriting and revision; audience analysis; comprehension and coherence; selected problems in assigning and evaluating writing. Three credits; A-F only. Meets Tuesdays, 4:30-7, PeikH 48, winter quarter.

Call 626-7196 with questions.

\* \* \*

**Workshop in Human Relations** (EPsy 5135), a key required course for education majors and teachers will be offered winter quarter (in addition to fall and spring sections listed in the bulletin). An experientially based course including simulation activities, curriculum writing, and supervised practice in basic human relations skills emphasizing individual, cultural, and ethnic differences and their implications for educational practice. WQ, sec 3, 6 credits, \$519 (resident undergraduate), M, 5-10 p.m., room/bldg arr (East Bank), Judith Puncochar. Grad credit available. See the bulletin for other information, page 165.



### IN-PERSON REGISTRATION LOCATIONS—DEC. 6-14

- **101 Westbrook Hall, Minneapolis campus.** Hours are 9 a.m. to 8 p.m., Monday through Thursday; 9 a.m. to 4:30 p.m. on Friday; 9 a.m. to 1 p.m. on Saturday. Closed Sunday.
- **MacPhail Center, 1128 LaSalle Ave., downtown Minneapolis.** Hours are 9 a.m. to 6 p.m., Monday through Thursday; 9 a.m. to 4:30 p.m. on Friday. Closed weekends.
- **Skyway Registration Booth, Norwest Center, downtown St. Paul.** Hours are 9 a.m. to 5 p.m., Monday through Friday. Closed weekends.

## Parking provided for Saturday in-person registration on Dec. 10

The Westbrook Hall registration office is open 9 a.m. to 1 p.m. on Saturday, Dec. 10, for in-person registration. Advisers will be available if you have questions about course selection and program requirements.

Complementary parking is provided in the Church Street Garage (validation, available from 101 Westbrook Hall, is required when leaving the ramp).

This underground ramp is located on Church Street next to Morrill Hall on the east side of Northrop Auditorium (opposite the main entrance to Architecture). Take a right off University Ave. at 17th Ave. S.E. (Church Street on campus). Proceed one and one-half blocks to the Church Street Garage. Westbrook Hall is on the opposite (west) side of Northrop from the ramp.

**Bookstore open:** The University of Minnesota Bookstore-East Bank is open 9 a.m. to 4 p.m. on Saturday, Dec. 10, and the University of Minnesota Bookstore-West Bank is open 9 a.m. to 3 p.m. You may purchase required textbooks and other materials. Also, University of Minnesota clothing is on sale that week (Dec. 5-10) at the bookstores.

## Holiday closings

**Offices are closed Dec. 23-24-25-26 (F-Sa-Su-M) and Jan. 2 (M) for the holidays.**

**During these holiday weeks (Dec. 19-22; Dec. 27-30), the registration office hours are 8 a.m. to 4:30 p.m.**

# New department is more than the sum of its parts

Regardless of whether you view change as promising or threatening, the process is always stimulating.

In the case of the 1992 merger of the humanities and comparative literature departments, the outcome has been as well.

In the newly formed department, Cultural Studies and Comparative Literature (CSCL), that change meant faculty relocated, budgets revised, and offices combined. But it also has meant exciting academic possibilities, new courses and a new major, and a reorganized way of studying cultural expression, societies, and how they are interrelated, says department chair Richard Leppert.

The merger also meant, for a while, anonymity. "We remained all but invisible for a two-year period because it was an off-year for the Liberal Arts bulletin," says Leppert, referring to the biennial production cycle on most of the University's college bulletins. "So during those two years, we did all those things you need to do to restructure into one department."

## Combining forces, combining purposes

A large part of the effort was revamping curriculum, where the outcomes now present distinct advantages for Extension students. "Since we were coming up with new introductory and intermediate courses, we fit them into the CLE requirements—and they were all approved—so that our basic curriculum would serve students well by meeting many of those new requirements," says Leppert. The CLE requirements (Council on Liberal Education) enacted this year have consolidated and standardized

basic requirements across the University's many colleges and degree programs.

The major in CSCL can be completed through evening classes and provides flexibility that will appeal to many adult and part-time students. For example, in the concentration portion, it permits related courses from other departments to be "imported" into the CSCL major.

"It is our intention to offer, in the future, as wide a range of courses as possible at all levels to make it easy and convenient for Extension students to complete the major," Leppert says. Over the next few years, Leppert says he hopes the department can schedule additional 5000-level classes, possibly as late-afternoon joint-day/Extension offerings. A minor is also available.

The curriculum reflects the strength of the faculty, Leppert notes, another outcome that works to the student's ben-

efit. "The merger involved two groups of highly effective faculty, who knew one another's work but who previously had little opportunity to work together. Both faculty groups had committed their careers to interdisciplinary research and teaching," he says.

In particular, the humanities faculty brought an interest in a variety of cultural discourses—art, architecture, philosophy, and more—to combine with the literary emphases in comparative literature.

In terms of opportunities for evening students, it expanded options since prior to the merger it had become increasingly difficult to maintain humanities offerings sufficient for the major, while comparative literature courses, although providing some unique topical areas, didn't always fit neatly into students' majors in other departments.

## Putting together ideas

Cultural Studies and Comparative Literature, as a discipline, provides a logical home for interdisciplinary—as well as cross-cultural—study in topics that would cut across a wide array of departments otherwise. "The kind of work we're doing is at the forefront of interdisciplinary approaches to cultural study, combining the review of cultural practices and artifacts from a variety of perspectives, including those informed by the social sciences," Leppert says. That means going beyond the traditional humanities and considering institutions, customs, popular culture, and the role of marginalized voices and populations—viewpoints not traditionally considered.

As a result, courses may incorporate the writings and expressions of indigenous cultures, ethnic subcultures, women, gays and lesbians, working people, and "emergent" literatures from around the world, as well as mainstream examples of cultural expression. "We're responding to major initiatives from across the University in such issues as multiculturalism," says Leppert. The goal is to review these issues in worthwhile and responsible ways by introducing these texts into the curriculum and studying them within a broad range of cultural and critical theory to understand how they influence and operate within cultures and communities, he says.

An example is the study of African-American writing and how it is a part of the larger cultural fabric, how it interacts with other literature, and how those viewpoints mediate other cultural practices, Leppert says. And those practices often may include diverse forms of expression and social phenomena—film, television, popular music, performance art, and customs such as ritual, etiquette, and festivals.

continued page 3



Leppert

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

**Registration Office:** 101 Westbrook Hall  
Telephone 625-3333

**Charles R. Cheesebrough**  
Editor

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

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

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, 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. The information in this publication is available in alternative formats. Call 624-3300.

Disability accommodations are available upon request. Call the information number given for the specific programs described in this publication, or call 624-3300 for referral.

# Exceptional learning opportunities from CEE

The Academic Connection from Extension Classes brings you the best of the "U."

You'll be challenged and you'll be stimulated through these major-university program offerings for adults and part-time students that are unsurpassed anywhere in the country. From Continuing Education and Extension at the University of Minnesota, the leader in nontraditional education for over 75 years. Call 625-3898 for information. Winter courses include. . .

## Honors Opportunities

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

## Leppert, from page 2

### Strong beginnings

Careful planning went into translating these ideas, which can be complex, into workable courses. The curriculum model is designed to give students a strong background in understanding and analyzing ideas beginning with the introductory courses. How these cultural practices and expressions relate to social hierarchies, formation of institutions, and formation of beliefs is carefully integrated into CSCL 1301, 1302, and 1303.

"These courses are literally the intellectual foundation for the work that students do in later upper division courses, which expand upon and complement the ideas considered in the introductory series," says Leppert. The objective was to move students out of 1000-level courses as quickly as possible and into 3000-level intermediate courses so they can investigate topics in depth and have a chance to do work that is more satisfying and challenging, he says.

Each of the introductory courses focuses on a particular aspect of cultural studies. The emphases then are maintained and developed in four distinct areas of courses at the intermediate level; some specialization within areas follows with advanced courses. For 1301, students study the intersection between how societies are formed and structured in relationship to cultural practices ("discourses"). In 1302, the idea is that the students look at a "text," (particular topic, idea, moment, event) and review the many contexts and cultural practices that framed it. In 1303, the importance of a cultural text and why it exists is studied, particularly with the idea that all knowledge is produced to meet certain interests or accomplish certain ends, and that includes power.

### Stress, Coping, and Health (HSem 3050).

Theories of stress and its relationship to illness and overall wellbeing. Assessment, management, research. Mariah Snyder, Professor of Nursing. Meets Thursdays, 6:20-8:50 p.m.

### Interdepartmental Studies

**Garbage, Government and the Globe** (ID 5525, 5526). A rigorous analysis of how garbage affects the economy, politics, environment, health, and the future. Faculty from several disciplines in the sciences and social

The focus in each of the introductory courses is distinct enough that students need not take them in sequence or could take any one course independently of the others; there are no prerequisites.

### Promising finishes

The ideas and scholarship presented in CSCL courses, according to Leppert, reflect the strengths of a liberal arts education—learning how to learn and perfecting critical thinking. Course work requires students to write a lot and to think about their writing. "Students come out of our departmental major with excellent writing and analytical skills," he says. "They learn to think about relations between society and culture in new ways and then articulate those ideas."

Student successes have included a Mellon fellowship winner last year, students admitted to highly selective graduate schools, medical and law school acceptances, and alumni working in a variety of professions. "The outcomes we've seen suggest that we're training people well to deal intelligently with this society and the culture they encounter everyday," Leppert says, "and that they have the communication and analytical skills that are absolute requirements for the social and economic climate graduates face today."

\* \* \*

For a complete listing of courses in Cultural Studies and Comparative Literature, see the bulletin, page 122. Professor Leppert will teach **CSCL 1301 Discourse and Society** this winter (this course is offered every quarter). **CSCL 1302 Text and Context** also is offered winter quarter; **CSCL 1303 Knowledge, Persuasion, and Power** is offered spring.

sciences. Topics vary each quarter but examples include movement of toxic materials through the environment; management of solid wastes; incinerators, power plants, water and sewage treatment; environmental use and exploitation; soil and water conservation; economic considerations; business and the environment. Call 626-8144 for topic, availability of grad credit; 5525, winter; 5526, spring.

Coming spring: Physics as a Liberal Art; Life/Career Planning.

## Additional winter courses

**African Cinema** (Afro 3654). Films by African filmmakers (sub-Saharan emphasized). Aesthetic, theoretical, sociopolitical issues; class screenings and critical readings. Charles Pike, assistant professor (Bulletin, page 60).

**The African-American Child** (Afro 3910). For those interested in the important task of helping African-American children develop as emotionally, healthy, and psychologically secure in a diverse society. Child development; research (page 60).

**Contemporary American Indian Movements** (Amln 5341). Organizations and social movements in the 20th century; political activism on and off the reservations; treaty disputes; economic development; revival of traditions (page 66).

**Real Estate Development** (Arch 5645). Added class. Processes and roles of specialists in development of investment projects. Leverage, cash flow, proforma, tax shelter, feasibility, disposition of property, land use, transactions, market analysis, appraisal, equity financing, debt financing, government, design, construction, leasing, property management. Sec 1, 4 cr, \$346. Th, 6:30-9:30 p.m., Arch 60.

**Workshop: Artists' Books—From Structure to Content** (Arts 3420). Exploration of art in the book form, ranging from one-of-a-kind books to multiples and sculptural works; visual language of page design, technical aspects of book structure; books as art objects in a variety of mediums; image/text relationships, rhythm and sequence, narrative structure (page 83).

**American Literacy and Cultural Diversity** (Engl 3860). Links academic learning with service learning through a unique arrangement with local community service agencies. Students study the nature, acquisition, current state of literacy with focus on the culturally diverse and disadvantaged members of society. Includes tutoring practice requirement. Christopher Anson, associate professor (page 183).

**Written Communication Skills for Health Professionals** (HSU 5017). Workshop sessions; emphasis on organization, style, clarity, conciseness, accuracy, transitions, mechanics. Writing guidelines and examples from professional literature; especially useful for students working on a paper for publishing (page 223).

**Women and Theatre** (Th 3950). Contemporary women playwrights; radical feminist theatre; the woman's "voice" in theatre; reading and performance exercises (page 352).

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## Independent Study . . . take the U with you

Is the Extension class you wanted already filled? Not offered winter quarter? Doesn't fit your work schedule?

Continue your education on a flexible schedule—yours! Correspondence courses through the Department of Independent Study allow you to earn credit no matter where you live, at your own pace, and at times and places convenient to you.

Over 350 University of Minnesota regular college credit courses are offered the independent study way—and that includes many popular courses that are available for registration at any time. You'll find newly developed versions of first-year Spanish, French, and German;

Psy 1001 Introduction to Psychology; and Comp 1011 Writing Practice.

You can register, order books and materials, and complete all assignments by mail. You'll get a comprehensive study guide (written by University faculty or other experts) that directs your reading, lesson completion, and learning efforts. And you get one-on-one evaluation by your instructor of the work you submit.

You set your own study schedule, and you can register at any time and take up to a year to complete your course. Credit cards accepted.

Call 624-0000 for more information and a free catalog (FAX 626-7900) or stop by

the registration office on campus at 45 Westbrook Hall (open Tuesday and Thursday evenings until 8 p.m. throughout the year).

## Courses to note

Added for winter quarter is **History of Ecology and Environmentalism** (HSci 5244). Historical development and interactions of ecology as a profession and political stance and route to social reform; changing theories and methods of ecology; conservation; the Dust Bowl; pesticide controversy; ecological modeling; biodiversity; nature as a "commodity." Sec 1, 4 credits, \$346 (resident). Meets Thursdays, 6-8:30, 150 Ecology, StP campus. Instructor Sara Tjossem. Register in 101 Westbrook Hall.

Coming spring **History of Biology** (HSci 3202/5202). Biology in the 19th and 20th centuries; scientific, philosophical, and social factors. See the bulletin, page 230.

**English for Science and Technology (ESL 0352)**. An English as a Second Language course that focuses on English as it is used in scientific fields, emphasizing language involved in formulating hypotheses, describing experiments, and presenting results. Includes reading, writing, listening, and speaking activities based on scientific and technical English. Must be taken S-N. Prereq satisfactory score on MBatt or TOEFL and written permission. Meets MW, 6:20-8:50. Contact the Minnesota English Center at 624-1503 for testing and placement information for ESL courses.

## Information networking courses

Courses below have been added for winter quarter for the new Bachelor of Information Networking (B.I.N.) degree program. This program is offered cooperatively with North Hennepin Community College; courses meet at NHCC.

These computer science courses are open to any students who meet the prerequisites (not just B.I.N. students).

**Network Operations and Administration** (CSci 5222). Plan, configure, install, diagnose, performance tune, operate and manage computer networks. Internetworking devices and protocols. Hands-on experience with network components. Prereq CSci 5211 or permission. Meets T, 6-8 p.m plus 2 hrs arranged each week; sec 1, 4 cr, \$346 plus \$25 computer fee.

**Object-Oriented Programming Using C++** (CSci 5113). An introduction to object-oriented programming in C++ for

students who already know how to program in C. Prereq CSci 3113 or equivalent. Meets W, 6-8:30 p.m.; sec 2, 4 cr, \$346 plus \$25 computer fee.

Call 624-4866 with questions.





## Special hours at the bookstores

University bookstores offer extended weekday hours and some Saturdays early in winter quarter to make it easier for you to shop for textbooks and course materials (see winter quarter schedule below).

All bookstores are open Monday, Jan. 2 (although classes are not in session); hours vary by location (see below). Also, the East Bank bookstore (only) in Williamson Hall is open on Saturday, Dec. 31, 10 a.m. to 6 p.m., and from 10 a.m. to 4 p.m. on Saturdays throughout the quarter.

**University of Minnesota Bookstore—East Bank (Williamson Hall), 625-6000.** Books for most departments in CLA, IT, Education, and General College.

First week of classes: Monday (Jan. 2), 10 a.m. to 6 p.m.; Tuesday—Thursday (Jan. 3-5), 7:30 a.m. to 7:30 p.m.; Friday (Jan. 6), 7:30 a.m. to 6 p.m.; Monday (Jan. 9), 8 a.m. to 7:30 p.m.

Second week of classes: Tuesday—Thursday (Jan. 10-12), 8:30 a.m. to 6:30 p.m.; Friday (Jan. 13), 8:30 a.m. to 6 p.m.

Regular hours: Monday—Friday, 8:30 a.m. to 6 p.m.; Saturday, 10 a.m. to 4 p.m. (this location only)

**University of Minnesota Bookstore—West Bank (adjacent to Blegen Hall), 625-3000.** Books for the Carlson School of Management and several CLA departments (see the bulletin, pages 17-18).

First week of classes: Monday (Jan. 2), 10 a.m.-4 p.m.; Tuesday-Thursday (Jan. 3-5), 8 a.m. to 7:30 p.m.; Friday (Jan. 6), 8 a.m. to 6 p.m.; Monday (Jan. 9), 8 a.m.-7:30 p.m.

Saturday (Jan. 7 only): 10 a.m. to 2 p.m.

Second week of classes: Tuesday-Thursday (Jan. 10-12), 8:30 a.m. to 6:30 p.m.; Friday (Jan. 13), 8:30 a.m. to 5 p.m.

Regular hours: Monday-Thursday, 8:30 a.m. to 5:30 p.m.; Friday, 8:30 a.m.-5 p.m.

**University of Minnesota Bookstore—St. Paul campus (Student Center, lower**

**level), 624-9200.** Books for classes on the St. Paul campus.

First week of classes: Monday (Jan. 2), 10 a.m.-4 p.m.; Tuesday-Thursday (Jan. 3-5), 8 a.m. to 6:30 p.m.; Friday (Jan. 6), 8 a.m. to 5:30 p.m.

Saturday (Jan. 7 only): 10 a.m. to 2 p.m.

Second week of classes: Monday-Thursday (Jan. 9-12), 8:30 a.m.-6 p.m.; Friday (Jan. 13), 8:30 a.m. to 5 p.m.

Regular hours: Monday—Friday, 9 a.m. to 5 p.m.

**University of Minnesota Bookstore—Health Science (2-554 Moos Health Science Tower), 625-8600.** Books for classes in the health sciences.

First week of classes: Monday (Jan. 2), 10 a.m. to 4 p.m.; Tuesday-Thursday (Jan. 3-5), 8 a.m. to 6:30 p.m.; Friday (Jan. 6), 8 to 5:30 p.m.

Saturday (Jan. 7 only): 10 a.m. to 2 p.m.

### Holiday

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

### Plan your career for the new year

A new year can bring a whole new world to you, with the right help.

The CEE Counseling Office offers individual counseling for CEE students (or prospective students) who want help in career planning. Career testing is offered to help you clarify interests, values, and personal characteristics for decision making. (A fee is charged for career counseling services.)

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

Second week of classes: Monday (Jan. 9), 8 a.m. to 6:30 p.m.; Tuesday-Thursday (Jan. 10-12), 8:30 a.m. to 6:30 p.m.; Friday (Jan. 13), 8:30 a.m. to 5 p.m.

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

If you are considering buying books before the start of winter quarter, call to check hours. **Bookstores are closed on Sundays.**

Also refer to pages 18-19 in the Extension Classes bulletin for more information about bookstores and buying and selling textbooks.

## Bookstore hints

**Where the books are:** 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.

\* \* \*

**Information by phone:** 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.

\* \* \*

**Book returns:** 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. 17 provided you have the sales receipt and the books have not been marked, written in, or damaged in any way.

# Information meetings set for M.L.S. and B.I.N.

Information meetings are scheduled this month for the Master of Liberal Studies (M.L.S.) and Bachelor of Information Networking (B.I.N.), two of the new degrees available through Continuing

Education and Extension for adult and part-time learners.

Learn about degree requirements, admission procedures, scheduling options, and student services for these exciting college degree options.

## Master of Liberal Studies

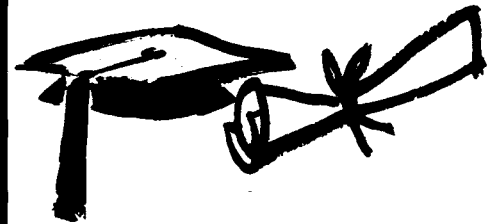
This interdisciplinary advanced degree features...

- Core courses that examine how we learn, the methodology of inquiry scholars apply, and the analysis and assimilation of information.
- Self-designed program emphasis. You select course work from across the University's colleges to combine your academic, professional, and personal interests.
- Flexible scheduling. Complete the M.L.S. in three years taking one course per quarter (including summers) or choose a slower or accelerated pace depending on your schedule or course availability.

Call 626-8724 to reserve your space in the information meeting on Jan. 10 in Nolte Center, 6-8 p.m. (refreshments at 5:30).



The 1994 recipients of the CEE Distinguished Teaching Award are Justin O'Connell (foreground), adjunct faculty, Department of Composition and Communication; Oliver Nicholson (left), Assistant Professor, Department of Classical and Near Eastern Studies; and Cheng-Khee Chee (right), Associate Professor, Department of Art, UMD. All are long-time instructors in CEE programs and were honored for their excellence in the classroom and outstanding service to students. Winners were formally announced at a recognition event Oct. 25. The selection committee is composed of faculty, staff, and students. Nominations are invited from the University community for next year's awards; contact the CEE Dean's Office, 624-9329.

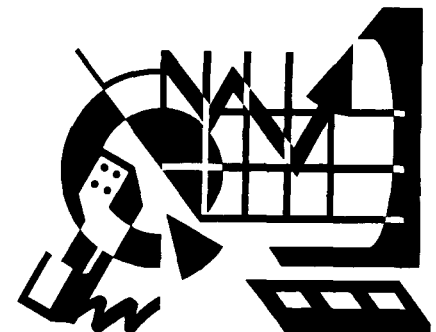


## Bachelor of Information Networking

This degree combines technical requirements with liberal arts and other courses and features...

- Evening classes at North Hennepin Community College
- Completion in three years with appropriate prerequisite course work and two years of college completed.
- Learn the science and computer applications related to networking and working with data over various networks, platforms, and systems. Includes information processing and management principles.

Call 626-0556 to reserve your space in the information meeting in January at North Hennepin Community College, 7-8:30 p.m.



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

Registration Office: 101 Wesbrook Hall  
Telephone 625-3333

Charles R. Cheesebrough  
Editor

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Disability accommodations are available upon request. Call the information number given for the specific programs described in this publication, or call 624-3300 for referral.

# Ease on into college

Returning to school? Need to know how to register and what to take?

The Department of Counseling offers group information sessions designed for students new to the University. The sessions are held frequently, both on and off campus, throughout the year and are led by professional advisers who specialize in helping adult and part-time students.

These information meetings are for

prospective students who want to find out more about Continuing Education and Extension and are considering Extension evening classes or self-directed correspondence (or media-assisted) courses through the Department of Independent Study. You'll learn about returning to school, the University's organization, registration procedures, admission to degree programs, major requirements, and how to select

courses. General information about financial aid will also be included.

After a general presentation, you will be able to meet in small groups divided according to academic interest. In these groups, emphasis is on information specific to particular degree programs or colleges. There will be an opportunity to ask questions, and if you bring a transcript, an adviser will discuss transfer of credits.

Call 624-0029 to find out dates and locations and to reserve your space in an information meeting. (Parking is provided for meetings on campus.)

## Spring semester registration

Registration is open now for spring semester courses and continues in person and by mail through Feb. 1 without a late fee.

Although most Extension classes are offered on the 10-week quarter system, a few departments may schedule semester-length courses (15 weeks). For spring, economics courses follow the spring semester schedule; classes meet Feb. 13 through June 10.

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

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

See page 9 in the bulletin for important spring semester dates. Registration procedures are described on pages 12-17.

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

To request an Extension Classes bulletin, call 624-2388, or stop by 101 Wesbrook Hall on the East Bank campus. Registration forms are included at the back of the bulletin.

## Give it the old college try

Learn a step-by-step approach for the college search process in **How To Get Into College** (CSch 0863), a non-credit course for high school students (or their parents). Review what colleges are looking for and how to make the application process work for you. Includes worksheets for self-evaluation, personal data, college data, and more. Checklist of events and deadlines; techniques and planning for interviewing, essays, exams. Meets 9 a.m. to noon, Sa, Jan. 28. Call 624-8880 for registration information.

## SeminarsPlus++ equal success

SeminarsPlus++ from the University of Minnesota's Management Advancement Program (MAP) provides keys to career success through timely noncredit workshops. That's because SeminarsPlus++ offers features unique in the professional development business . . .

- **Input:** All MAP seminars provide the opportunity for you to tell the instructor—ahead of time—what you expect to learn, what's important to cover.
- **Feedback:** In most MAP seminars, you meet again in a brief follow-up session a week or two after the seminar to compare outcomes.
- **Focus:** Small classes, interactive learning, a limit of 25 participants for most workshops.
- **Affordability:** Compared to national providers, MAP SeminarsPlus++ are honestly, competitively priced.
- **Convenience:** One- and two-day workshop formats or short-term classes; seminars meet at the centrally located University of Minnesota-St. Paul campus (easy access, easy parking). Register by mail, phone, or fax.
- **Experience:** Locally based instructors who know the community—including University faculty, professionals from business and government, and experienced consultants.
- **Value:** Groups of three or more qualify for a 15-percent discount (with larger volume discounts available).

You'll find a variety of topics covered—leadership, quality management, team building, organizational change, communication skills, sales development, training, personal skill building, marketing, and more. For complete descriptions, call (612) 626-8713.

### Upcoming Seminars:

Coaching Skills: Working One-on-One To Improve Performance  
Strategic Selling Skills  
Persuasive Writing for Managers and Supervisors  
Gaining Cooperation in Work Relations  
Managing Time and Task for Peak Performance  
Team Building: Changing the Culture of the Workplace  
Listening Skills and Managing Your Own Defensiveness  
Negotiating for Agreement  
Managing a Culturally Diverse Work Force

**M**  
**A**  
**I**  
**MANAGEMENT**  
**ADVANCEMENT**  
**PROGRAM**



The national pastime isn't just a game—it's become storied literature and art. Explore some of the most critically acclaimed examples in a new noncredit Compleat Scholar class this winter, "Baseball, Fiction, and Film." Examples include *Bang the Drum Slowly*, *The Natural*, and *Bull Durham*. Instructor is Arthur Geffen, associate professor in English and American Studies. Class meets six times starting Feb. 13. Call 624-8880 for registration materials.

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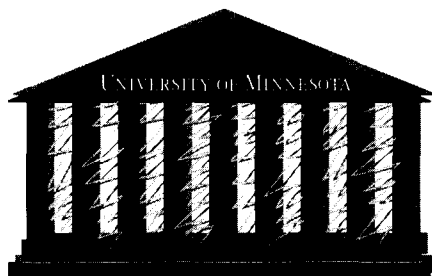
## More master's degree options

A new master's degree option from the College of Education provides a valuable career credential for people working with adolescents in the helping professions or other social service settings.

**The Master of Education in Youth Development** is an experiential 45-credit program that emphasizes learning by doing and allows you to put into practice the theory and case study featured in course work. You will be a part of a student cohort that meets regularly in ongoing seminar classes as well as in four core courses.

Students in the Youth Development Leadership master's degree come to the program with a variety of professional and academic backgrounds (undergraduate majors vary widely and

need not be in education). Applicants must have two years experience (either paid or volunteer) in a school, religious institution, government agency, health care or residence setting, non-profit or for-profit organization. The most



GRADUATE DEGREES AND COURSES  
COLLEGE OF EDUCATION  
CONTINUING EDUCATION AND EXTENSION

important qualification is a desire to work with, and on behalf of, youth in positive ways.

Leadership and community building are an important part of this degree. You'll work with faculty, your professional peers, other students in your classes, and your clients in an effort to build opportunities for healthy youth development.

Degree completion typically is two to three years; schedule adjustments are possible to suit your needs. A field experience is included as part of the credit load.

Information meetings are set for February. Call 626-7196 to confirm date and location and reserve your space.

\* \* \*

### Master of Education in Teacher Leadership

Classroom teachers active in site-based decision making, staff development, and curriculum work have a master's degree available to them that is perfectly suited to their professional needs—the **Master of Education in Teacher Leadership**.

This successful degree program features not only the study of practice and critical theory but a chance to interact (1) with innovative faculty from the University's nationally recognized College of Education and (2) with your peers in a student cohort that will take core classes together.

Information meetings about the M.Ed. in teacher leadership are being scheduled for late January and February. Learn about courses, degree requirements, and student services. Call 626-7196 for dates and locations and to reserve your space.

## Prepared parkers prevail

When special events, such as sporting events at Williams and Mariucci Arenas and performances at Northrop Auditorium, occur on campus, special event rates go into effect at many of the public and contract lots, ramps, and garages. (In addition, some facilities may be by reservation only.)

On event nights, Extension students with classes on the east bank may park in Lot 33 on the East Bank after 4:30 p.m. at the regular daily rate if they have a special-event hang tag.

Hang tags are given out in person only at the Extension Classes Registration Office in 101 Westbrook Hall. Proof of current registration is required. Hang tags are valid only for the weeknight(s) that the student's class actually meets.

**A parking space is neither reserved nor guaranteed in this lot. Space is limited; lots may fill at any time.** Please allow extra time to park and get to class on event nights, especially if you arrive on campus after 6 p.m.

Monday-Thursday event nights for winter quarter are listed below; sometimes additional events may be scheduled.

Wednesdays: Jan. 4, 11, 18; Feb. 15 (all men's basketball, 7 p.m. start)

Thursdays: Feb. 23, Mar. 2 (high school hockey); Mar. 9 (men's basketball); times vary.

Tuesdays: Feb. 28 (men's basketball) Mar. 14 (high school basketball); times vary.

Northrop events: M, Jan. 9; T, Jan. 10; W, Jan. 25; Th, Mar. 2 (all 8 p.m.).

During winter quarter finals week, Gopher basketball games could be scheduled if the men's team or women's team are in post-season tournaments or playoffs.

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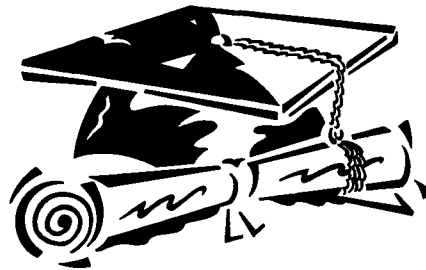
## The Bachelor of Applied Business

# Education you can take to work

The Bachelor of Applied Business is a practitioner-oriented business degree intended for working people. This new degree is offered cooperatively with Inver Hills Community College as part of the Twin Cities Higher Education Partnership.

- Classes offered evenings at Inver Hills—easy access, easy parking, supportive atmosphere.
- Courses address real-world business issues and relate workplace skills to your experience.
- Small classes, currently projected at 15 to 25 students (depending on number of students admitted). Scheduling arranged so that B.A.B. students may take classes together as a cohort.
- Graduates acquire a portfolio of skills and competencies valuable to students in their current jobs and that can help them advance in their careers.

- Focused curriculum means that 60 of the 86 upper division credits are in Professional Skills Core and Functional Area courses (required courses).
- Graduation in three to four years (8-10 credits a quarter) for students entering with 90 quarter credits and prerequisites completed.
- Simplified entry into the program. Students come into the B.A.B. program as transfer students and are admitted based on college work and life experience rather than high school record and college board exams. (The Inver



Hills associate degree in business meets all prerequisites.)

- Priority registration in B.A.B. classes is given to students admitted to the program so they can stay on track to graduation.
- Convenient, student-centered services include mail/FAX registration, evening advising, credit card tuition payment, study skills assistance, and more.

**INFORMATION MEETING: An information meeting about the B.A.B. degree has been scheduled for Mar. 21, 5:30 p.m., at Nolte Center on the East Bank campus.**

## The Career Fair is coming

Meet with employers, learn about career fields, and exchange ideas at the Career Fair 95 sponsored by the College of Liberal Arts Career Development Office and other offices and

organizations.

The career fair is set for Wednesday, Feb. 22, 10 a.m. to 3 p.m., at the Great Hall in Coffman Union. This event is free and open to all students.

## Storm warnings

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.

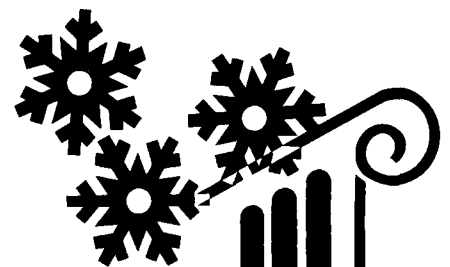
## from the student board . . .

Enjoy the opportunity to meet new people—Extension students like you who care about issues important to adult learners—through membership on the CEE Student Board.

You'll have the chance to work with University administrators, to have your thoughts and ideas heard, and to provide more or better services and opportunities for students. Student board members also represent CEE in the University

Senate, the primary academic governing body of the University; senate appointments are made from within the board's membership.

To request an information packet, call the student board voice mail line at 626-8501. You'll be invited to attend a regular meeting either March 3 or April 7 at Nolte Center where you'll learn more about board membership. Parking will be provided in the Church Street Garage.



## Spend a day with creativity

The Minnesota Writers Series offers one-day noncredit workshops with well-known local writers focusing on issues important in their writing. In turn, you have a chance to develop your own writing interests and talents through their mentorship.

Alexs Pate leads the first class, **Essential Encounters: Examining Race and Culture in Writing**, a reflection of how views on race and culture influence thinking about self, others, and society, and how these elements play out in one's writing. "I'm trying to tell the stories of people whose stories aren't told very often," says Pate, whose first novel, *Losing Absalom*, received national critical acclaim. This workshop is March 25 and registration closes very soon.

University English professor Michael Dennis Browne reviews the concern, pain, and joy of living in today's world and how we express our sentiments and opinions about others and about issues. His class, **The Poet in the World**, meets Apr. 22.

Journal writer and poet Phebe Hanson demonstrates how attention to daily life, and recording it, turns us from observers into writers in her **Spring Journal Workshop**, May 20.

Telling our own stories, "those truths stored in our hearts," is the basis for the writing of Sandra Benítez. But she also



Alexs Pate leads the first course in a series of one-day writers workshops.

emphasizes connections between writing and nature, the element of earth, in recollection and recounting stories. Her class, **Elemental Writing: The Essence of Earth in Poetry and Prose**, meets June 10.

All of the Minnesota Writers Series workshops meet at the Minnesota Landscape Arboretum. Call 624-8880 for registration materials.

## Parking info

**Correction:** Although most events at Northrop Auditorium on class nights begin at 8, a concert on March 2 (Th) will begin at 7:30.

**Change:** Public parking usually will be available now in the new garage in the Frederick R. Weisman Art Museum for \$1 an hour. Call 626-PARK to confirm hours and availability.

## Spring registration

Registration for spring quarter classes is open now. Dates are given here for mail registration and in-person registration. Be sure to see the bulletin, pages 8-17, 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

**January 30 to March 15:** Registration forms with tuition checks accepted by mail for all spring classes. 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. The form may be photocopied if you need additional forms.

### IN-PERSON REGISTRATION

**March 7 to March 15:** In-person registration at 101 Wesbrook Hall, Minneapolis 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 except for the Wesbrook Hall office, which will be open 9 a.m. to 1 p.m.,

Saturday, March 11. (Complimentary parking provided, Saturday Mar. 11, morning only, in the Church Street Garage.) See the bulletin, pages 8-11, for more on dates and hours.

The full amount of tuition and fees now is due when you register. You may charge tuition and fees on VISA, Discover, or MasterCard. (Delayed payment is permitted only for students receiving financial aid through the Office of Student Financial Aid and for third-party billings if arranged for and authorized ahead of time.)

**March 15 is the last day to register without a late fee for most spring quarter classes.**

To request the Extension Classes bulletin, call 624-2388. Registration forms are bound in at the back of the bulletin.

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

### JOINT DAY/EXTENSION REGISTRATION

Registrations through Extension for spring day school classes—those listed only in the day school class schedule and **not** in the Extension Classes bulletin—will be accepted starting February 21. Late fees take effect after March 15.



## Combining day and evening classes? Read this

Students admitted to a degree program will be able to register for both day school and Extension classes at the same location beginning Feb. 21 for spring quarter registration. Until now, dayschool students who wanted to register for Extension classes had to register twice, once through the Office of the Registrar system and once through the Extension Classes system.

"Dual registration" can be accomplished at either 202 Fraser Hall or 101 Wesbrook Hall between 9 a.m. and 4 p.m. Dual registration will not be available at Coffey Hall on the St. Paul campus until this summer.

Students may not register before their queue date and time. Students registering in Fraser or Wesbrook will have their tuition and fees billed to their STARS account.

## Credit card notice

When you drop one course and add another (cancel/add), tuition payments made by credit card cannot be transferred to the new course from the original course you registered for.

Your account must be credited for the tuition payment for the canceled class and a new charge made for the added class. Your credit card account balance may show both charges until the credit is posted.

EdFest returns on March 7

# Everything you wanted to know about going back to college

Education Fest is an open house for you, the adult and part-time student.

Tuesday, Mar. 7, 4:30-7:30 p.m.  
Nolte Center, Minneapolis Campus (East Bank)

The atmosphere is informal (it's not a meeting with presentations). You'll have time to chat casually with an adviser or CEE staff member, and there's plenty to do. For instance:

- See a demonstration of e-mail; use the internet
- Pick up catalogs, course information
- Get information about financial aid
- Learn about evening classes and programs
- Register for door prizes
- Discover new learning opportunities: self-paced independent study courses, research internships, management seminars, teacher education, and much more.
- Find out about the newest degrees and certificates available to you
  - Bachelor of Applied Business (with Inver Hills Community College)
  - Bachelor of Information Networking (with North Hennepin CC)
  - Master of Liberal Studies
  - Solid Waste Management Certificate (in planning)
  - Child Abuse Prevention Studies Certificate
  - Master of Education in Youth Development Leadership
- Complimentary parking
- Talk with a program adviser
- Refreshments
- Child care (toddlers and older)

The registration office in Westbrook Hall is open until 8 p.m., and you may register for a spring quarter Extension class or independent study course that evening.

Parking will be provided at no charge in either the Nolte Garage or the Church Street Ramp (exact site not set at press time) on the evening of Education Fest. From University Avenue, turn right on 17th Avenue S.E. (Church Street on campus), and go one block and watch for signs.

Have questions, need directions? Call 626-1633.

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

**Registration Office:** 101 Westbrook Hall  
Telephone 625-3333

**Charles R. Cheesebrough**  
Editor

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

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

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, 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. The information in this publication is available in alternative formats. Call 624-3300.

Disability accommodations are available upon request. Call the information number given for the specific programs described in this publication, or call 624-3300 for referral.

## Honor thy teacher

Have you ever taken an Extension class from an instructor who you thought was one of the best teachers you've ever had?

Were the lectures stimulating, the assignments challenging and interesting, and the instructor's concern for you as a student sincere?

If so, here's your opportunity to nominate that teacher for a very special honor. Nominations are being accepted for the 1995 CEE Distinguished Teaching Awards. Nomination forms and a tip sheet on how to make a nomination can be obtained at the CEE Dean's Office, 150 Westbrook Hall, or call 624-9329 to have one mailed to you.

Completed nomination forms are due March 31.



### SCHOLAR

## Weekends were made for...learning

Spend a relaxing, but informative, weekend away from it all through Compleat Scholar weekends. Space still remains in a new noncredit weekend course on menopause and women's issues.

Each weekend class is led by a University faculty member or other expert, is limited in size to allow for group interaction and discussion, and is held at a comfortable retreat center or lodge with recreational facilities to enjoy during your free time. Call 624-8880 for information.

**Menopause—Woman's Journey.** Explore the experience and meaning of menopause from a variety of perspectives: biology, psychology, culture, history, spiritual, and political. Designed for women 35 and older, this retreat will be held at Wilder Forest in rural Washington county. Weekend begins Friday evening and concludes Sunday noon, Mar. 31-Apr. 2. Pre-trip meeting is Mar. 29. Group leader is Jacquelyn Zita, associate professor of women's studies. Registration deadline is Feb. 24.

The following Compleat Scholar Weekends scheduled this spring have already filled: **Spring Wildflower Weekend; Anatomy of a Trout Stream; Wildflowers of the North Shore; Life Stories—A Workshop, Retreat, and Narrative Adventure.** Popular weekend courses often are repeated the following year; call 624-8880 to be placed on the mailing list.

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## An education master's degree for the times—teacher leadership

Classroom teachers active in site-based decision making, staff development, and curriculum work have a master's degree available to them that

is perfectly suited to their professional needs—the Master of Education in Teacher Leadership.

This successful degree program fea-

tures not only the study of practice and critical theory but a chance to interact (1) with innovative faculty from the University's nationally recognized College of Education and (2) with your peers in a student cohort that will take core classes together.

Dates for information meetings about the M.Ed. in teacher leadership are listed below. Be sure to attend and learn about courses, degree requirements, and student services. Call 626-7196 to reserve your space.

- Tuesday, Mar. 7, 4:30-6:30 p.m., Stillwater High School (D206 North Forum Room)

- Wednesday, Mar. 8, 4:30-6:30 p.m., Capitol View Center (Capitol View Room), Little Canada



UNIVERSITY OF MINNESOTA  
 GRADUATE DEGREES AND COURSES  
 COLLEGE OF EDUCATION  
 CONTINUING EDUCATION AND EXTENSION

### User-friendly language labs

Want some help in second language study?

Stop by the Language Center, 152 Folwell Hall, and try out the computer lab. It features language-specific software in French, Spanish, Russian, and Chinese to supplement your classroom instruction. Hours are 3 to 6 p.m., Monday through Thursday, and a lab assistant is available to help with hardware and software. Call 624-6811 for more information (work stations are limited).

### New course reviews nature and society

**Visions of Nature: Political and Social Implications (EBB 3006).** For non-science majors. A history from ancient times to the present of theories about the organization of nature and their significance for the development of ethics, religion, political, and economic philosophy. Environmentalism in Western civilization and elsewhere. Instructor is Phil Regal. Spring qtr, sec 1, 4 credits, \$346, TTh, 6:30-8:30, room arranged. Register in 101 Westbrook Hall.

## Road repairs: the fifth season

Highway reconstruction will alter the traffic habits for many University commuters in 1995 and even into 1996.

Bridge repair on I-94 (where that freeway crosses the Mississippi River) will reduce traffic to two lanes in each direction and mean the closure this spring of the U of M east bank exit ramps (both eastbound and westbound on I-94). The Riverside Avenue exit on the west end of the bridge also will be closed.

Additional work on bridges that cross over the freeway is also planned; rebuilding of the 27th Ave. S.E. over I-94 is already underway. Other sites are the overpasses and bridges at Franklin Terrace and East

River Parkway.

The best alternate route to the east bank campus area will be via University Avenue, either from Highway 280 if you're coming from St. Paul or from 35W if you're coming from Minneapolis (or from the northern or southern suburbs).

Other routes that may be convenient include Mississippi Blvd./East River Road (except for the period of rebuilding the overpass above I-94) if you are coming from St. Paul; Como Ave./15th Ave. S.E. if you are coming from suburbs or neighborhoods just north or east of campus; and via Washington Avenue and the Washington Avenue bridge from downtown or south Minneapolis.



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# INFO

A Newsletter for Continuing  
Education and Extension Students

## Parenthood—the learning never stops

Parenting and education issues are addressed in a morning lecture series presented by CEE and the University

Parent Education Advisory Committee. Upcoming events include the following; all meet at the Earle Brown Center,

7:30-9:30 a.m., on the St. Paul campus (convenient parking in lots adjacent to the building or across the street; cost \$2.50 and \$1.50).

### Meetings, deadlines, courses

## Key details on new degrees

The new degrees offered by CEE are the Master of Liberal Studies, the Bachelor of Applied Business, and the Bachelor of Information Networking. Note the following announcements.

\* \* \*

### **Bachelor of Applied Business (B.A.B.)**

Required courses are offered at Inver Hills Community College. Students transfer into the program. Lower division work (first two years) need not be from the University or IHCC; prerequisite courses are subject to evaluation and approval. Students may register for classes before admission. Spring courses available (classes begin the week of April 3):

- Operations in Manufacturing and Service Businesses (BAB 3102)
- Planning and Implementing at the Business Unit Level (BAB 3042)
- Communicating for Results (BAB 3023)

**An information meeting is scheduled for March 21 on the East Bank campus and on April 25 at Inver Hills. Call 626-8724 to reserve your space.**

\* \* \*

### **Master of Liberal Studies (M.L.S.)**

Applications are being accepted now for admission to the M.L.S. pro-

gram in Fall 1995. This interdisciplinary degree features four core courses plus six electives and a final paper course; students may choose electives from across the University's wide curriculum of graduate-level course work. Scheduling allows completion in three years, although students can adjust course loads to accelerate progress or take more time. Deadline is Mar. 31. GRE scores are not required. Call 626-8724 for information or to request materials.

\* \* \*

### **Bachelor of Information Networking (B.I.N.)**

Required courses meet at North Hennepin Community College. Students transfer into this program after completing approximately 90 credits, including specific prerequisites. Call now for descriptions of spring quarter classes at NHCC; offerings include:

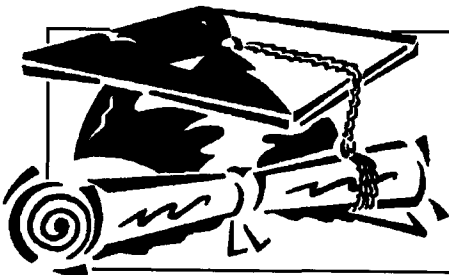
- Introduction to Object-Oriented Programming Using C++ (CSci 5113)
- Algorithms and Data Structures II (CSci 5121)
- Network Programming Laboratory (CSci 5212)

Call 624-4866 for course descriptions and application information.

**Paternity Issues: Is Every Child Owed a Father (Apr. 20).** Esther Wattenberg of the School of Social Work and the Center for Urban and Regional Affairs reviews paternity, the legal connection of a child and father, as an emerging priority issue in national policy. The escalating number of births outside of marriage (about 30 percent) is unprecedented in the nation's history. Federal and state law require that paternity should be established, but not well understood is the wide range of benefits, both financial and emotional, that can derive from paternity establishment.

**Parent-Child Relationships During the Transition to Adolescence (May 18).** A discussion with a researcher, Professor Andrew Collins of the University's Institute for Child Development, and a family/parent education practitioner, Martin Rhodes, Soka Gakkai International Senior Youth Division Leader. The focus will be on age-related behavioral expectations by both parent and child and the conflicts that arise when observed behaviors don't match expectations.

For registration information, call Extension Classes, 625-1855. Cost is \$4 (includes continental breakfast). Inquire about CEU availability.



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# Up close and personal at the legislature

If we don't trust things we don't understand, then ambivalence about our state legislature is certainly justified.

"The worst part of the law-making process is the difficulty that people outside it, like those of us in the general public, have in following what happens and why," says Ron Nickerson, who will teach **Democracy in Action: An Exploration of the Legislative Process in Minnesota** (CSch 0219), a noncredit Compleat Scholar course this spring.

But despite the complicated ways we achieve it, good government is both a contributor to and reflection of the quality of life in Minnesota, says Nickerson, who spent five years as a staff member with the appropriations committee of the House of Representatives and now works for the Department of Natural Resources.

Students in the class will learn about the complexity of legislative action and the fascinating environment in which it happens, he says. "Too often, politics are regarded negatively because people don't appreciate how the system works," he says. "But that doesn't make the process dull, dry, or crooked."

On the contrary, Nickerson says, the proceedings are often played out dramatically against a backdrop of constitutional mandates, limited budgets, changing public opinion, conflicting political agendas, and competing interest groups. He'll cover the formal and informal systems that affect the progress of proposed legislation, the participants, and the legislative climate.

"Our case studies will be current issues, those that the legislature is grappling with, and those which the class is interested in exploring," he says.

The best of the process, according to



Nickerson

Nickerson, is "the sincerity and the seriousness most legislators apply to their efforts," the commitment they exhibit toward "doing good government." But any altruism is tested both by influence brokers and an unpredictable pace, he notes, where in a matter of just weeks, issues of incredible economic and social impact are addressed, debated, and decided upon within a schedule that is everchanging.

The legislature will be in full swing when this class meets (Apr. 11-May 9). Depending on the issues and the meeting times, attendance at a committee hearing to hear testimony or discussion

## COMPLEAT SCHOLAR

or to hear debate on the floor of the house or senate will be included. The last two classes meet at the state Judicial Building to accommodate that schedule.

\* \* \*

**New this spring:** The world of chaos is now the science of chaos. Learn more about the concepts and principles around the study of what we have always considered random events, irregular processes, and unpredictable outcomes in a new spring class, **A World of Complexity and Unpredictability** (CSch 0562). This class meets Wednesday evenings on campus for five weeks starting April 5.

\* \* \*

**Call the Compleat and Practical Scholar at 624-8880 for registration materials for these classes.**



## More diversity courses

**EPsy 5433 Developmental Career Counseling of Women.** Counseling skills and intervention to facilitate the career development of girls and women at different life stages; the sex role system, female socializa-

tion and stereotyping; facts, myths, and trends regarding women's changing roles in a technological society; issues of sexism in strategies and programs. No prereq. Grad credit available. Spring qtr, sec 1, 4 credits, W, 4:15-7, Burton Hall 120, Sunny Hansen. See the bulletin, page 166.

**Afro 5910 Aging Americans and Cultural Diversity: Life-Course Perspective.** Also offered as Gero 5910 (gerontology). For advanced undergraduates, graduate students, working professionals. Social and psychological considerations in aging of Americans with diverse racial and ethnic backgrounds. Life-course perspective. Developmental and cohort differences, changing opportunities. Impact of legal and institutional changes such as the civil rights movement, interment of Japanese-Americans during WWII, and social legislation such as Medicare, as well as racial prejudice and discrimination on the middle and later stages of the life course of previous and current cohorts of people of color. Graduate credit available. Sponsored by the All-University Council on Aging. Instructor is Hill Visiting Professor James Jackson, Ph.D., professor of health and health behavior and director of the African-American Mental Health Research Center at the University of Michigan. Spring quarter, sec 1, 4 credits, MW, 4:40-6:25, Moos Tower 2-650. Added class; call the registration office, 625-3333 for registration information, tuition costs.

### 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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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. The information in this publication is available in alternative formats. Call 624-3300.

Disability accommodations are available upon request. Call the information number given for the specific programs described in this publication, or call 624-3300 for referral.

# Premium learning in multiculturalism and more

Several unique and innovative evening courses, a collection we call the Academic Connection, offer you the in-depth opportunities that make a college education something more than just taking classes.

The Academic Connection consistently includes classes—from a variety of departments—that reflect the diversity of our society. You'll find courses in the arts, social sciences, health sciences, and other areas related to varied ethnic viewpoints and issues. A few are listed below. Register as soon as possible for these spring courses. See the bulletin or check with the registration office in 101 Wesbrook Hall for details on registration and descriptions (some courses have been added since the bulletin was printed). You also may call 625-3898 with questions about specific courses.

**Urbs 3301 AMERICAN CITIES: SETTINGS FOR CULTURAL PLURALISM.** The potential that U.S. cities hold for nurturing cultural pluralism. Problems, conflicts, and successes of pluralistic efforts in our cities. Focus on different groups of people in cities and how they relate to one another and to the dominant culture.

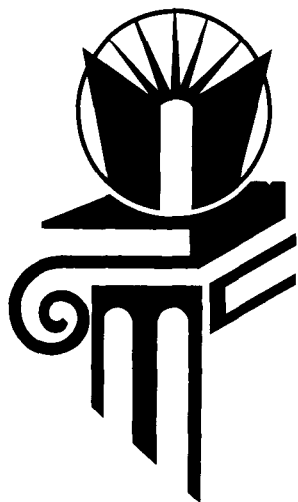
**Pol 3323 CIVIL LIBERTIES IN AMERICA.** Political importance of civil liberties in American society. Tolerance as a social phenomenon; issues such as free speech, religion, media control, and effects of campaigning.

## MAP offers directions for professional growth

New approaches for seeking improvement, problem solutions, and efficiencies in the workplace—that's what seminars from the Management Advancement Program offer.

If you're a decision maker, you'll find the professional development, the professional answers you need, in these one- and two-day seminars. Call 626-8713 for complete descriptions of these spring workshops led by experts.

- **Handling Difficult People** (Apr. 18)
- **Practical Interviewing Strategies** (Apr. 25)
- **Managing Time for Yourself and Your Team** (May 4)
- **Setting Priorities in Conflict Situations** (May 11)
- **Chaos Science and Management Practice** (May 16,17)
- **Learning the Communication of Change** (May 17)
- **Cross-Cultural Marketing: Reaching Diverse Communities** (May 18)



**Reis 3960 FEMINIST PERSPECTIVES ON CHRISTIANITY.** Writings of contemporary women, including those of Rosemary Radford Ruether, Elisabeth Schüssler Fiorenza, Sally McFaughe, Letty Russell, Mary Daly, Carol Christ, and Judith Plaskow and their reworking of both traditional theological and popular understandings of the nature of the divine, sin, and salvation. Explore an author or issue in depth or do exploratory fieldwork.

**WoSt 3600 GENDER IN THE WORKPLACE.** Gender and employment issues considered in a multidisciplinary framework. How and why gender is important in the work place. What gender issues women and men should be aware of when they go to work. How gender is constructed, altered, and refined by work place structure. How issues of gen-

der interact with issues of race and class.

**Amin 5411 URBAN INDIAN COMMUNITIES.** Social science and historical analysis of termination policies and rapid city-ward Indian migration since World War II.

**Chic 3107 THE CHICANO IN CONTEMPORARY SOCIETY.** The formation of contemporary Chicano political, economic, and cultural consciousness, and the forms in which it has been expressed, 1960-present.

**JwSt 3521 THE HOLOCAUST.** Nazi destruction of Jewish life in Europe, 1933-45. Historical, social background of European Jewish communities. Anti-Semitism and Nazism. Ghettos under Nazi rule; social and cultural organization, government. Nazi terror and destruction; Jewish resistance; historical consequences.

**Th 1805 AMERICAN ETHNIC LITERATURE IN PERFORMANCE.** Selected poems, stories, and dramas by Afro-American, American Indian, Asian American, and Chicano writers; sharing of insights into a multiracial and multiethnic society through solo and group performances.

**Afro 3072/5072 RACISM: SOCIAL-PSYCHOLOGICAL CONSEQUENCES FOR BLACK AMERICANS.** Racism and its effects on black Americans; definitions, determinants, and dynamics. Examined in an experiential context to reflect individual and institutional racism in milieus of student interest.

**HSU 5010 PUBLIC HEALTH APPROACHES TO AIDS.** Survey of HIV infection from a public health perspective, emphasis on intervention. Epidemiological and clinical features of HIV infection; impact and response of affected communities and populations; behavior change in communities, schools, and social policy. Case presentations.

**PubH 5622 WOMEN'S HEALTH: ISSUES AND CONTROVERSIES.** Issues and controversies affecting women's health care from a historical perspective and public health vantage point. Methods of health care delivery, professional and consumer education, current literature. Health needs of underserved women in the population.

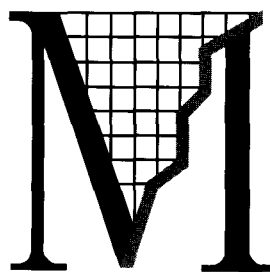
**AmSt 3113 AMERICAN CULTURAL DIVERSITY.** Ways in which the works of selected writers, painters, architects, filmmakers, and creators of the popular arts can illuminate forces for diversity and unity in modern America. Cultural expression, values, and lifestyles of members of minority and majority cultures, with an emphasis on members of black and white cultures of the American South during the last century.

### ADDITIONAL TOPIC AREAS

#### Social sciences

**LS 5100 CHAOS AND COMPLEXITY.** Chaos theory and related approaches which are often included under the name "complexity" are changing how we think of order itself. Because of this, they are influencing not only natural science but social science and the humanities as well. Examine these ideas and their effect in different disciplines

**IntR 3900 INTERNATIONAL GOVERNANCE IN THE NEXT CENTURY.** 1994 marked the United Nations 50th birthday. The historical, present, and future role of the United Nations in the international arena; the ever-



MANAGEMENT

ADVANCEMENT

PROGRAM

- **Using 360-Degree Assessment to Improve Performance** (May 24)
- **Dealing with Fear and Tension in the Workplace** (May 25)
- **Using Consultants Effectively** (June 1)
- **Finance and Accounting for Managers and Decision Makers** (June 6,7)

continued page 4

# It takes the whole village to raise a child

Because so many social problems stem from mistreatment and neglect of children, prevention of child abuse has become everyone's business.

A new University of Minnesota certificate program, **Child Abuse Prevention Studies (CAPS)**, is designed to offer learning opportunities and professional

development for workers such as health and helping professionals, educators, child care supervisors, and law enforcement personnel, as well as advanced students in related disciplines.

The 20-credit CAPS program includes three core courses plus elective course work, self-directed study, and seminar experience.

**A special information meeting with a presentation by Professor Marty Erickson is scheduled for April 5, 4-6 p.m., at the Earle Brown Center.** Call the Department of Extension Classes, 624-4033 to reserve your space.

## from the student board . . .

### Get involved, make a difference

University administrators continue with strategic planning for University 2000 as they launch the second phase of developing critical measures and performance goals.

As a member of the CEE Student Board, you can have your opinions heard by those involved directly in this planning process. Members of the administrative staff charged with developing the goals and methods of implementation for University 2000 regularly seek input from board members in their roles as representatives of the CEE stu-

dent body.

We on the student board are in the process of recruiting members for the 1995-96 board. If interested, please join us at our monthly meetings held the first Friday of each month at 6 p.m. in the Nolte Center Library (room 125). Come and share your views of the future of CEE within the University system. For further information regarding the CEE Student Board, please call the student board voice-mail line at 626-8501 and leave a message; a board representative will respond.

### academic connection

#### from page 3

changing peace scene, environmental degradation, and international governance.

**BGS 3014 U.S.-ASIAN TRADE PRACTICES: OPPORTUNITIES AND OBSTACLES TO MARKET PENETRATION.** Trade and business investment practices between U.S. companies in Japan, Taiwan, China, Hong Kong, Korea, Singapore, Malaysia, and Thailand. Cultural, legal, and structural trade barriers. Regulations and customary business practices in Pacific Rim nations toward expatriate American men and women. Direct investment laws and regulations of Asian nations applied to foreign companies.

#### Health and Human Relations

**PubH 3301 INTERRELATIONSHIPS OF PEOPLE AND ANIMALS IN SOCIETY TODAY.** Interrelationships of people and animals from several viewpoints. Social, economic, and health consequences. Issues such as pets and people sharing an urban environment, animal rights, and the influence of differences in cultures on animal-human relationships.

**PubH 5641 VIOLENCE ACROSS THE LIFE CYCLE.** One-day workshop. Latest theories and practice relative to intra-family violence across the life span. Follows the ecological model and covers fetal, child, adolescent, spouse, and elder abuse. Emphasis on prevention programs. Sa, 8 a.m.-4:30, Apr. 8, 1995, Moost 2-520, Robert ten Bensel, M.D.

**Nurs 5881 THE BIOLOGY OF CANCER.** Biological aspects of etiology, phylogeny, and cellular processes involved in neoplasia. Growth and differentiation of normal and cancer cells. The history of cancer research.

#### Arts and literature

**CSSL 1921 INTRODUCTION TO FILM STUDY.** Fundamentals of film language and major theories of film, presented through detailed analysis of several films.

**Hum 1003 HUMANITIES IN THE MODERN WEST III.** Impact of science, especially evolution theory, on religious and humanistic thought; roots of existentialism; disorientation in modern culture; impressionism. Integrative study of creative figures such as Kierkegaard, Darwin, Nietzsche, Chekhov, Joyce, Mann, Manet, Monet, Renoir, Degas, Wagner, Debussy, Mahler.

#### Science and the environment

**CE 5580 INTRODUCTION TO ENVIRONMENTAL LAW FOR ENGINEERS.** Environmental regulatory law relevant to the work of civil and environmental engineers; specific provisions of federal statutory and regulatory laws such as NEPA, CWA, RCRA, CAA, and CERCLA. (Prereq II or grad student or #)

**Ent 5920 USING INSECTS IN THE CLASSROOM.** Insect-related activities for the elementary classroom; insect ecology, classification and structure; use of insects in teaching and learning science skills; techniques for observing and maintaining insects in schools.

**PBio 1012 PLANTS USEFUL TO HUMANS.** Roles that plants play and have played in human biological and cultural development. Lectures and demonstrations.

## Especially for coaches

The Department of Kinesiology provides a new course specifically offered for coaches and others who must know how to deal with medical emergencies that stem from sports injuries. **First Responder For Athletic Coaches and Athletic Trainers** (Kin 3112) offers lectures and skill training focused on preparing

## More classes: quality strategies, landscape portfolio

**PA 5965 Quality Strategies in Government.** Added class that reviews quality strategies, history of the quality movement, principles and tools, and applications of TQM (total quality management) in government. Assessment of Malcolm Baldrige National Quality Award criteria in government units. Quality management strategies are becoming the de facto model for organizational change and redesign. Develop an in-depth understanding of quality strategies; review with experts and practitioners their views, successes, and failures; build professional skills in the area of quality management. Case studies organizations will be the City of Minneapolis, Attorney General's Office, Department of Economic Security, and MnDOT. Instructors are OMS professor Roger Schroeder and Lee W. Munnich, Jr., Humphrey Institute of Public Affairs. Meets spring quarter, Th, 6:15-8:45 p.m.

**LA 5200 Advanced Graphic Design for Presentations and Portfolios.** Focus on landscape architecture, presentations, portfolios for LA students and professionals; general graphic design principles; visual consequences. For information, call Craig Nelson, 866-5257. Spring quarter, 4 credits, \$346. Sec 1, TTh, 6:30-9:30 p.m., 1425 University Ave. S.E., Room 175.

you for recognizing, initially stabilizing, and transporting an injured athlete. Successful completion entitles participants to First Responder certification. Includes AHA CPR training. Attendance mandatory at all sessions. Meets spring special term (sec 3), TTh, 6-10, Mar. 28 to Apr. 27. See the bulletin, page 258, for more information.

# Join a University research team with REX



You could say De Cansler is fairly enthusiastic about the monarch butterfly project she has used in her seventh-grade classroom the past three years. In fact, she is spreading the pollen to others.

The REX for Teachers participant from Rochester is developing a local reputation for herself as teachers from other schools and students from other classes flutter in to her lab to find out more. "I really can't think, in all the years I've been teaching, of another project that has generated this kind of interest," says Casler, a long-time life sciences teacher. "Everyone just loves this monarch project."

Cansler learned to care for eggs, larvae, pupae, and adult butterflies during her four-week summer stint as a REX assistant to University researcher Karen Oberhauser who is studying male reproductive effort in male butterflies. Now Cansler's students at Willow Creek Middle School are learning the same techniques—feeding, measuring, cataloging, harvesting—in a 6X6 screen tent provided by Dr. Oberhauser.

"I had been attempting to rear monarchs in my classroom for two years," Cansler says, but success was mixed. The first year she had 35 fertilized eggs and some made it to maturity; the second year, just one egg. "This year, after participating in the REX program, we literally got thousands of eggs because I knew what I was doing. Out of 150 students, only about two dozen weren't able to raise a monarch."

Her experience has influenced her teaching, too, regardless of the topic. "It's my personal challenge to bring monarchs into the classroom discussion in some way, no matter what we're talking about."

Casler calls her REX participation "one of the most wonderful experiences I have had in a long time" and says she hopes to migrate back to Oberhauser's St. Paul Campus study site this summer. "I was doing something I really loved. I could pursue it in great depth and without interruption."

\* \* \*

What does it take to be a REX volunteer? Whether it's in the laboratory, in the field, or in the community, the principal requirements are curiosity, adaptability, and a willingness to learn about and support important research. Commitment can vary from a few hours a week to an intensive two-week (or more) immersion; flexible scheduling often is possible.

As a REX participant, you may be testing, measuring, digging, recording, interviewing, or analyzing. But you also



As REX participants, teachers De Cansler (left) and Ann Feill (right) assisted University researcher Karen Oberhauser (center) on a monarch butterfly project.

will be exploring career possibilities, adding to your resumé, doing something you're interested in, or even earning college credit (optional for

most projects).

For more information about Research Explorations and special REX for Teachers opportunities, call 624-5092.

## What can you do through REX?

Here's a sampling of what REX participants have worked on over the years. Please note that some projects have been completed and some have very limited openings. Call 624-5092 for a list of current and upcoming summer projects.

- Search for and record incidence of farm accidents and other rural injuries in a study funded by the Center for Disease Control.
- Track the movement of herbicides through soil to our groundwater.
- Reconstruct the history of commercial activity in a geographical survey of old St. Paul.
- Identify and classify relics of the Iron Age collected from a buried city on a Bavarian hillside.
- 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.
- Review criteria and events surrounding the decision to declare someone mentally incompetent.
- Measure the effects of aluminum tox-

icity in bone development and bone disease.

- Test and review applications for high-strength concrete structural components and their place in earthquake-resistant construction.
- Compare insect populations and pollination levels in restored prairies versus virgin prairies.
- Build and test a replica Iron Age smelting furnace as part of an experimental archaeology project.

## New industrial engineering course

**Analysis of Production Processes** (IEOR 5351). Case work done in groups on analyzing and solving problems in production engineering and management; recognizing and diagnosing industrial problems. (Prereq professional experience or previous IEOR coursework). Spring qtr, sec 1, M, 6:10-9:10; 4 cr, \$346 (undergrad resident). Call 626-1348 for information.

University Archives  
10 Walter Library  
Minneapolis Campus  
CAMPUS MAIL  
(EC2)



Info (USPS 711-240)  
Extension Classes  
University of Minnesota  
180 Wesbrook 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 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455. (Please allow two months for records to be corrected.)

Second class postage paid, Minneapolis, Minnesota

## Registration for spring quarter

Registration for most spring quarter Extension classes is open through Mar. 15 without a late fee.

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

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

When you reserve classes in person you must pay tuition immediately to complete registration. You are not registered until tuition and fees are paid. You may charge tuition and fees on Visa, MasterCard, or Discover.

## March special hours, closing

**Mar. 16-17:** Late registrations accepted by mail or in person (101 Wesbrook only) with a \$5 late fee.

**Mar. 20-23:** Late registration period continues for spring quarter. Registration office open 8 a.m. to 4:30 p.m. (Monday through Thursday; closed Friday).

**Mar. 24:** Floating holiday. **All campus offices closed.**

**Mar. 20-26:** Spring semester classes (15-week term classes that began Feb. 13) are dismissed for spring semester recess.

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

### IN-PERSON REGISTRATION LOCATIONS—MARCH 7-15

- **101 Wesbrook 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; 9 a.m. to 1 p.m. on Saturday.
- **MacPhail Center, 1128 LaSalle Ave., downtown Minneapolis.** Hours are 9 a.m. to 6 p.m., Monday through Thursday; 9 a.m. to 4:30 p.m. on Friday. Closed weekends.
- **Skyway Registration Booth, Norwest Center, downtown St. Paul.** Hours are 9 a.m. to 5 p.m., Monday through Friday. Closed weekends.

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

If you miss the Mar. 15 deadline, you can register with a \$5 late fee starting Mar. 16. Late registration continues through the first week of classes with the \$5 late fee. See page 9 in the bulletin for office hours during late registration.

### March 24 (Friday) is a floating holiday for the University calendar this year. All offices are closed.

Call 624-2388 to request the Extension Classes Bulletin; registration forms are bound in at the back of the bulletin.

Spring quarter classes begin the week of Mar. 27.

## Parking provided for Saturday registration

The registration office in 101 Wesbrook Hall is open Saturday morning, Mar. 11, 9 a.m. to 1 p.m., for in-person registration. Advisers are available to help in registration or to answer questions.

Free parking is provided in the Church Street Garage for people who want to take advantage of the Saturday registration hours. The entrance to the garage

is across from the architecture building on Church Street (same as 17th Ave. S.E. off campus). Wesbrook Hall is on the opposite (west) side of Northrop Auditorium from the garage. Pick up a parking voucher at the information desk in 101 Wesbrook; turn this in to the attendant with your ramp ticket when leaving.

## Designing your home with CAD

Learn how architects use computers to visualize and communicate designs.

Architect Lars Petersen leads this new noncredit course from the Compleat Scholar, **Helping Design Your Home: Using Computers for Visualizing** (CSch 0121). Topics include residential design

considerations and how to work with architects and contractors. Hands-on tutorials included; participants must have familiarity with Macintosh; software rental is necessary. Meets W, Apr. 5-26. Call for more information, 624-8880.

New CEE degrees**Summer courses for M.L.S. and B.A.B.**

Courses are scheduled summer for two of the new degree programs, the Master of Liberal Studies and the Bachelor of Applied Business.

**Master of Liberal Studies (M.L.S.)**

This interdisciplinary degree features core courses plus six electives and a final paper course. Students may select electives from across the University's wide curriculum of graduate-level course work to create an emphasis that meets their professional or academic interests and needs.

Although students admitted to the M.L.S. degree program have priority in registration, others may register on a space-available basis. Students may later apply course work to the program if they seek admission (some restrictions apply). Call 626-8724 for information about the degree program or the summer course listed below.

**LS 5100 Topics: The City—An Exercise in Human Creativity.** Explores the historical thinking, writing, and planning of cities and compares with today's models. Examines historical and contemporary maps of specific cities (U.S., Europe) and analyzes the portrayal of cities in literature, film, and music. No prereq; grad credit available; limit 18. Four credits, \$308 undergrad resident, \$735 Graduate School resident. First 5-week term, sec 50, TTh, 6:20-8:50, BlegH 205, West Bank. The instructor is Judith Martin, As-

sociate Professor of Urban and Regional Affairs.

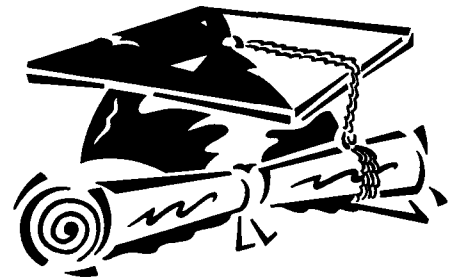
**Bachelor of Applied Business (B.A.B.)**

Adults bring their work experience to the classroom—and vice versa—in this new degree program offered jointly with Inver Hills Community College (IHCC). Required classes meet at IHCC. Registration is open to students not admitted to the program on a space-available program and offers a good opportunity to try out this practitioner-oriented degree program.

Call 626-8724 for more information about the summer class described below.

**BAB 3012 Problem Solving in Complex Organizations.** An open systems perspective is developed. Emphasis is placed on the importance of analyzing root causes, and the effects of problems and solutions across boundaries in

the organization. Process analysis is introduced as a tool for problem solving. Commonly used problem-solving frameworks or processes are taught. Techniques for conducting root cause analyses, expanding alternatives, predicting consequences, and making choices are studied and applied. Four credits, \$336 resident. Special term, Sec 1, Th, 6-9, June 22-Aug. 31, Science Bldg 136, IHCC. The instructor is Nancy Johnson, Assistant Professor, Metro State.

The envelope, please**And the award for screenwriting goes to...**

Whether you consider yourself a casual beginner or a proven playwright, you can learn from David Freeman's exciting weekend workshop in screenwriting. This noncredit Compleat Scholar class sold out last summer.

Freeman, an experienced producer and screenwriter, has sold or optioned screenplays and film ideas to major motion picture and television production companies, including Columbia, Castle Rock, Buena Vista Television, Odyssey Entertainment, Lorimar, and others.

You'll learn practice, not just theory, through real ideas and with real techniques to work into your writing: creating memorable, complex characters; crafting compelling plots and scenes; developing natural-sounding dialogue; and filling your stories with innovative twists and dramatic action.

In addition to the writing tips, ideas, and exercises, the workshop includes discussion of successful strategies for selling scripts and story ideas and insights

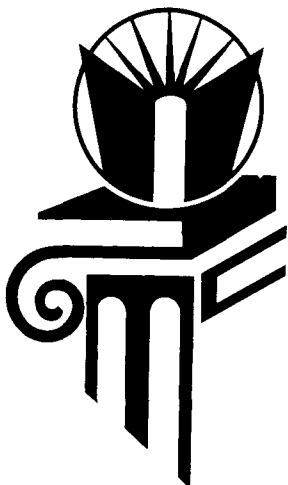
into what Hollywood expects and is looking for.

Classes meet all day June 10 and 11; one- or two-day registration options are available. Call the Compleat & Practical Scholar for more information, 624-8880.

**Traffic hotline  
is 627-4U94**

Prerecorded traffic information is available for University commuters during the I-94 construction period by calling 627-4U94. The University's Department of Health and Safety operates this information line.

Callers also will have the option to leave messages with specific questions; departmental representatives will respond with a return call between 8 a.m. to 4 p.m., Monday through Friday.



# New certificate program fills a need

A generation ago, it was an occupational area that barely existed. Managing solid waste usually generated jokes about "sanitary engineers," the neighborhood garbage haulers. But now we know there is nothing humorous about the environmental and economic impact of solid waste control and the very real need to reduce, reuse, and recycle.

The Solid Waste Management Certificate from CEE is a response to that newly recognized need, according to Extension Classes program director Jennifer Lundblad. "This certificate is a practitioner-oriented 24-credit program," she says, "a post-baccalaureate credential designed for professionals working on solid waste and related environmental issues that they also can tailor to fit their specific interests." Their job duties may include regulation and enforcement, policy making, disposal/recycling management, or communications, and the program can accommodate their needs because of the breadth and depth of the University's course offerings, she says.

"The program is highly interdisciplinary—we've pulled together faculty and created courses that incorporate the economic, legal, technical, health, environmental, and policy aspects of waste management," says Lundblad. To that academic foundation, students add 5000-level electives that allow them to specialize in particular areas. "The wide array of graduate-level courses available through CEE provides access to some great opportunities for students to concentrate their studies," Lundblad says. Some of those academic areas include business, environmental studies, public health, engineering, public affairs, economics, journalism and technical communications, and the natural sciences.

Soil science professor Terry Cooper is a core faculty member for the Solid Waste Management Certificate program. He became involved with CEE and the certificate after years of serving as one of the faculty presenters, and later course coordinator, of **Garbage, Government, and the Globe**, a popular Extension class. The team teaching and interdepartmental cooperation developed in that course carries over to the certificate curriculum, he says. "We'll draw upon faculty from diverse areas—such as agricultural and applied economics, public affairs, soil science, the management school, and other colleges—particularly in the seminar core courses," Cooper says. Those courses also will include adjunct faculty, professionals from business and government, such as members of SWANA, the Solid Waste Association of North America, who were instrumental in helping to plan the certificate.

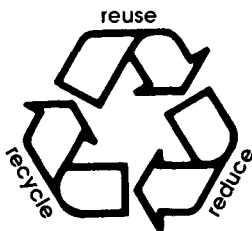
Admission to the program is based largely on professional experience. A bachelor's degree is required and students must have completed a college-level science course. Although the program is not necessarily technical, Cooper notes that students need sufficient scientific background to understand the technical terms and ideas presented in the required courses.

Cooper and other faculty have worked closely with the certificate advisory board, which includes professionals from government and industry, and Extension Classes staff in developing requirements, planning curriculum, and recruiting faculty, Lundblad says. Cooper also will work with students in program planning and in their required final

paper or project in the two-credit capstone course. The advisory board will evaluate and assure the quality of the program.

Lundblad says the program participants will come from a variety of organizations: city, county, and state government; hauling and processing firms; recycling companies; and large corporations or institutions that generate solid waste or conduct recycling programs. In addition to serving as a professional credential to people already working in the industry, graduate or undergraduate students from a variety of academic areas may choose to incorporate the curriculum into their degree programs.

Like most CEE offerings, course scheduling will accommodate the needs of working people—evenings, weekends, and short-course formats. The two-credit core courses will be offered as intensive special-term classes, probably combining one or more evening meetings with day-long sessions or follow-up meetings.



\* \* \*  
**Applications for fall are currently being accepted. For information or application materials, call 626-9707.**

## Solid Waste Management Certificate

### Required introductory course—4 credits (offered fall 1995)

- Principles of Waste Management (Soil 5600)

### Required core courses—2 credits each (tentatively scheduled winter and spring 1996)

- Applied Economics of Solid Waste
- Regulatory and Legal Framework of Waste Management
- Solid Waste Policy and Administration (includes public health emphases)

### Required capstone course (2 credits)

- A directed study course designed to link the classroom with the profession (issue analysis, case study, etc.)

### Electives—12 credits (3 or 4 courses)

(The list below is only a sample of graduate-level courses available through Extension registration.)

- Introduction to Hazardous Waste Management
- Garbage, Government, and the Globe
- Solid and Hazardous Waste Management
- Solid and Hazardous Waste Processing
- General Environmental Toxicology
- Air Pollution Control
- Advanced Environmental Geology
- Environmental Law
- Environmental Law for Engineers
- Law and Urban Affairs
- Politics of the Regulatory Process
- Environmental Policy
- Resource and Environmental Economics
- Economics of Natural Resource Policy
- Managerial Communications
- Communication in Technology and Environmental Impact Assessment
- Business and the Natural Environment
- Topics in Business, Government, and Society
- External Affairs Management
- ... and many more



Earn college credit, explore careers

## **REX is not college as we know it**



Learn how you can become part of a University research team in a special information meeting scheduled for May 10.

Research Explorations (REX) allows you to learn by doing.

- Get real-world experience as a research volunteer . . . studying the colonial life of Honduran Indians, measuring the leaching of pesticides in groundwater, or examining pollination in prairies.
- Explore career possibilities, add to your resumé, do something you're interested in, earn college credit (optional for most projects).
- Commit for a few hours a week over a quarter or in an intensive two-week immersion; scheduling options vary by project.
- Bring the enthusiasm and skills you already have . . . most REX opportunities need your curiosity, adaptability, and willingness to learn and support important research.

A sampling of recent REX projects includes the following.

*Measurement of O<sub>2</sub> and pH in Muscle*  
*Immunology of Multiple Sclerosis*  
*Cultural Diversity in the Workplace*  
*Origins of English Words*  
*Configuring French Identity: Texts, Images, Institutions*  
*Precast Concrete Members Subjected to Earthquake Loading*  
*Breeding and Producing Crops in Minnesota*  
*Computer and English Poetry*  
*CitySongs: A Music Demonstration Project*  
*Racial Differences in Home Ownership and Mortgage Debt*  
*Relationships in Adoptive Families*  
. . . and many more

A flat fee is charged for instruction and participation in REX projects; rate varies but is usually \$150. Credit registration (optional) is based on per-credit tuition rates.

**Plan to attend an information meeting about Research Explorations, Wednesday, May 10, 6 to 7 p.m., at Nolte Center, Room 140, on the East Bank campus. You'll hear from staff, University faculty, and REX participants. Reservations necessary; call 624-5092. Complimentary parking provided in the Church Street Garage.**

## **Grants and loans for adult students**

Financial aid is available for summer classes, but advance planning is essential. Options include the Continuing Education and Extension (CEE) Tuition Assistance Program (TAP), Federal Pell Grant, Minnesota State Grant, College Work-Study, Federal Stafford and Unsubsidized Stafford Loan, Federal Parent Loan For Students, and SELF Loan.

All programs except TAP require submission of the 1994-95 Free Application for Federal Aid (FAFSA) by May 1, 1995, and completion of a Summer 1995 Financial Aid Application, plus submission of additional information needed to the complete financial aid file by June 16, 1995. Admission to a degree or certificate-granting program is required for all programs except TAP and Minnesota State Grant. Other requirements vary by program.

TAP uses a separate application form which is available from CEE Counseling. It is intended for part-time Extension or Independent Study students who have had to delay or interrupt their education for a total of three years or more. Students who have five years or more of exclusively part-time enrollment will also be considered. Applicants must demonstrate financial need, but be unserved or underserved by other grant, scholarship, or tuition reimbursement programs.

TAP is restricted to undergraduate credit; recipients cannot have a prior bachelor's degree. TAP funds are limited and students are encouraged to apply as early as possible.

For additional information about summer financial aid options, please contact CEE Counseling, 314 Nolte Center (625-2500). And when you continue your studies in the fall, remember to complete the 1995-96 FAFSA as soon as possible!

### **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. The information in this publication is available in alternative formats. Call 624-3300.

Disability accommodations are available upon request. Call the information number given for the specific programs described in this publication, or call 624-3300 for referral.

# Split Rock brings out the artist in you

If there's some artist in you—that is, you care about your creativity, but you can't always find the time to practice it—the Split Rock Arts Program could be the inspirational opportunity you're looking for.

Extension Classes staff member Rick Benson, a supervisor in the registration office, discovered that last summer. In one of Split Rock's week-long workshops, he had a chance to concentrate on making art, painting in this case, in a natural retreat setting at the Cloquet Forestry Center. "Split Rock is

about developing yourself as a person and as an artist at the same time," Benson says of the chance to paint several hours a day in a supportive but focused environment.

He and about a dozen classmates then took it one step further, organizing and participating in an exhibit, "Images from the Experimental Forest," along with their instructor David Feinberg, a University art professor. The show featured the works they created at Split Rock and ran for about a month at the Paul Whitney Larson Gallery in

the University's St. Paul Student Center last September and October.

Home for Split Rock is the University's Duluth campus, although certain workshops, like Feinberg's, meet at the Cloquet center. In addition, Split Rock also offers a variety of workshops for fiber artists through its Institute for Weavers held on the St. Paul campus.

Participants often choose to incorporate the north woods and North Shore settings into their art and writing, says program director Andy Gilats. "The atmosphere is informal and nonthreatening," she says. "Everyone is considered an artist as well as a learner."

Workshop sessions are led by nationally known artists, like Feinberg, who says the Split Rock experience also allows students time to reflect on their creativity and their motivation—to express art as well as to practice it. At an exhibit reception, he told visitors, "I think the value of going to a retreat and immersing yourself in your art pays dividends in what you find rather than what you know."

Gilats concurs, "Everyone is there because they have an art they want to do, because they feel an affinity to the process, not just the result." Gilats says that Split Rock students come to create, and they can decide what that means. "Participants tell us that the Split Rock experience is refreshing, stimulating, but still relaxing." They concentrate on something important to them and there are no disruptions or distractions.

Art possibilities vary widely in the 44 choices offered this summer, ranging from painting and drawing (in a variety of techniques) to bead work, quilting, basketry, weaving, photography, and writing. The artist/instructors come from all over the country and from a variety of cultural backgrounds. Each brings a unique personal approach to his or her art and teaching, Gilats says, but they all have one thing in common: "They're at Split Rock because they want to pass on a gift."

\* \* \*

For a descriptive catalog about Split Rock workshops, call 624-6800.



**SPLIT ROCK**  
arts program

summer workshops  
in Minnesota

## A palette of arts opportunities

This is just a sampling of the arts and creative activities you can do through Split Rock workshops this summer. Participant experience ranges from novice to professional, but most consider themselves serious hobbyists or advanced amateurs. Call 624-6800 for a descriptive catalog.

- Design an original basket
- Create loom-woven art
- Draw and paint (several techniques, media)
- Create a visual, written, or photographic journal
- Design quilts
- Create contemporary bead art
- Learn traditional Japanese arts
- Write a poem, short story, novel, nonfiction
- Make fabric art
- Enhance your potential in creativity-building workshops
- Work with outstanding ethnic artists



Split Rock gets you into art (and art out of you, as well). David Feinberg's summer students at Split Rock organized an exhibit of their works.

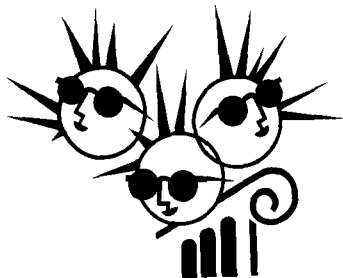
# Make summertime a learning time

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

For many students, summer evenings are a good time for earning college credit because of the special schedule for most classes. Two class meetings each week means that many quarter-length classes can be offered over 5-week terms. Five-credit courses have shorter class periods if they meet twice a week for 10 weeks or may be offered over 10 weeks with labs following lectures.

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.

Summer registration and term dates are listed below.



## Summer terms

First 5-week term .....	June 12 (Monday) to July 18
10-week term .....	June 12 to August 23
Second 5-week term .....	July 20 to August 23

### REGISTRATION DATES

By mail (first 5-week term and 10-week terms) .....	May 1 to June 2
(second 5-week term) .....	May 1 to July 7
In person (first 5-week term and 10-week term) .....	May 11 to June 2
(second 5-week term) .....	May 11 to July 7

### REGISTRATION OFFICES

Minneapolis campus .....	101 Wesbrook Hall
Downtown MacPhail Center .....	1128 LaSalle Ave., Minneapolis

**Extension-only students registering in person must visit one of these sites. There is no St. Paul Skyway registration booth for summer terms. Day school students admitted to degree programs (only) have the additional option of registering on the St. Paul campus at 130 Coffey Hall.**

**All registration offices are closed weekends and holidays. (No Saturday in-person registration hours during summer.)**

Students are urged to register by mail for all classes (limited and unlimited). A check, money order, or payment authorization (credit card, financial aid, or pre-approved third-party billing) must be included to cover the full amount of tuition and fees.

**June 2 is the last day to register without a late fee for 10-week term classes and first 5-week term classes; July 7 is the last day to register without a late fee for second 5-week term classes.**

See the Summer Evening Extension Classes Bulletin for complete registration instructions, dates, and hours. For information, telephone 625-3333.

**Procedures and features to note in the summer bulletin are listed below.**

- **In-person registration.** In-person registration—for all terms—now will begin about two weeks earlier than in previous years. The new dates coincide with the start of the registration queue in day school registration offices.
- **No summer in-person registration in downtown St. Paul.** If you are an Extension-only student, you must register by mail, FAX, or in person at registration offices at Wesbrook Hall on the east bank campus or at MacPhail Center in downtown Minneapolis. The St. Paul Skyway registration office will not be open this summer. In-person registration at the day school registration office in Coffey Hall on the St. Paul campus is restricted to current day school students admitted to degree programs. (The new chart on page 9 of the summer bulletin lists options for the upcoming year but is not accurate for summer terms.)
- **Official registration forms** are bound into the summer bulletin at the back. The registration forms are on yellow paper. **Please use these forms when you register.** This can save Extension Classes considerable mailing and printing expense (compared to requesting additional forms by phone or picking them up in the registration office).
- **FAX registration.** You may submit your registration by FAX with billing authorized to your VISA, Discover, or MasterCard. FAX-transmitted registrations are effective the day received (except for those received before the official start of the registration period, which will not be accepted and will be returned to the sender by mail). The FAX number is 625-1511. Fee statements are returned by mail only.
- **I.D. numbers** are now assigned to your undergraduate transcript record when you register for Extension classes. Always use the I.D. number when you register or complete other University forms. Extension students formally admitted to a college are eligible for an I.D. card (optional) and are urged to obtain one. Students not admitted to a college may purchase an I.D. card for \$5. See the summer bulletin, page 23, for information about how to obtain a University I.D. card.
- **Cancellations/refunds.** The refund policy has been liberalized over the last year and is closer now to the policy in day school. Generally, students can attend the first week of regular-term classes and still cancel without a penalty; see deadlines on page 36. Refunds and deadlines for special-term classes are prorated in relation to the length of the term. See the summer bulletin, pages 35-36, for complete information.

Refunds for tuition payments made by check or cash are paid by check only and are mailed to the student. Credit card refunds are credited to credit card accounts only. Financial aid tuition payments made through STARS are refunded to STARS only. A minimum of four weeks is required for processing a refund made by check.

## Check your bulletin

Summer bulletins were mailed April 5 to Extension students on our mailing list. If you did not receive a copy, call 624-2388 to request one or stop by 101 Wesbrook Hall on the Minneapolis campus.

## Advising office closed

The advisers and counselors at the CEE Counseling will be pursuing their own continuing education with their annual in-service training in May.

Advising services will not be available May 16-17-18 (T-W-Th) except via e-mail at [ceeadv@mail.cee.umn.edu](mailto:ceeadv@mail.cee.umn.edu).

Contact CEE Counseling (625-2500) before or after those dates for phone consultation, an advising appointment, or other assistance.

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

## Summer information meetings help you get started

Returning to school? Need to know what to take, how to register, or what options exist? The CEE Counseling Department offers group information sessions designed for students new to the University. The sessions are held frequently, both on and off campus, during July, August, and September.

### Evening, correspondence, and media-assisted courses through CEE

Registration information sessions are for individuals who want to find out more about CEE and are considering evening Extension classes or Independent Study correspondence courses. These sessions will provide information on returning to school, the University and how it is organized, registration procedures, degree program admission and major requirements, and selecting courses. General information about financial aid also will be included.

After the general presentation, you'll be able to meet in small groups dedicated to specific academic interests. In these groups, you will learn information specific to your intended area of study. There will be an opportunity to ask questions, and if you bring a transcript, you can discuss transfer of credits with an adviser.

The information meetings are held from 5:30 to 7:30 p.m. and begin in mid-

July. To register for a meeting, call 624-0029.

### Day courses

Registration in many day school classes is also available to CEE students

## Summer notes

### Chicano Studies

Terms are listed incorrectly for two Chicano Studies courses in the summer bulletin (page 49).

**Chic 3507 Introduction to Chicano Literature** will be offered the first 5-week term. History, background, readings in all genres of Chicano literature. Meets CLA Group D and Cultural Pluralism requirements. Meets MW, 6-8:30 p.m.

**Chic 3508 Introduction to Chicano Literature: Text and Context** will be offered the second 5-week term. Major literary works by Chicano writers in their social and historical context. Meets Cultural Pluralism requirement. Meets MW, 6-8:30 p.m.

### Digital photography workshops

Call 624-8880 for information about these noncredit digital photography courses offered this summer.

**Electronic Imaging Workshop: Photoshop (CSch 0167).** For photographers, designers, artists, communication specialists. Provides a foundation in digital imaging and use of Adobe Photoshop in a complete Power Mac lab. Scanning, PhotoCD, digital cameras. Correction, manipulation, creativity with images; design considerations; technical background. Mac or Windows experience essential; familiarity with Photoshop desirable. Meets 9 a.m.-5 p.m., M-F, June 12-16.

who occasionally need or want to take a daytime class. This joint day/Extension option, however, may not be the best alternative for everyone, so students who are interested should simply inquire on their own. Contact the CEE counseling department at 625-2500 for information.

**Electronic Imaging Workshop: Multimedia (CSch 0168).** Learn to use Director, Photoshop, Sound Edit, QuickTime to produce multimedia presentations. Meets 9 a.m.-5 p.m., June 19-23.

### No summer registration in downtown St. Paul

In-person registration for summer terms is available **only** at the registration offices at Westbrook Hall (East Bank) and MacPhail (1128 LaSalle Ave., downtown Minneapolis). In-person registration begins May 11. The St. Paul Skyway registration booth is not open summers.

### Health Service correction

The phone number for Boynton Health Service is listed incorrectly in the summer bulletin (page 122). The correct number is 625-8400.

### Build a career

Is there an architect inside you? Find out in a noncredit course this summer.

**Arch 0013 Exploring Architecture: A Career Discovery Workshop** is a seminar workshop, meeting evenings, for a two-week period. Instruction is interactive, hands-on experiences covering history, theory, skills, and practices. See the description in the summer bulletin, page 38.

## Holidays

Offices will be closed and no classes will meet on the following University holidays: **Memorial Day (Monday, May 29) and Independence Day (Tuesday, July 4).**