

# INDEPENDENT AND DISTANCE LEARNING



**Please note:** Information in this section of the catalog applies specifically to Independent and Distance Learning. It supplements the information given throughout this publication that applies to all College of Continuing Education offerings and policies.

## General Overview

Independent and Distance Learning (IDL) courses use mail and electronic technologies to meet the needs of students who cannot or choose not to take courses on campus. Most courses are self-paced and give you up to nine months to complete the coursework. Credits are recorded on your transcript and can be used toward fulfilling distribution requirements in most undergraduate programs. IDL courses can also satisfy residency requirements, with approval from your college. Check with your adviser about using these course credits toward your program.

Generally, we recommend you register in only one IDL course at a time. A detailed introduction about a course can be obtained online at [www.idl.umn.edu](http://www.idl.umn.edu), or by calling CCE Student Support Services at 612-624-4000 or 800-234-6564, e-mailing [indstudy@umn.edu](mailto:indstudy@umn.edu), or writing 150 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455-0216. The introduction will tell you more about course objectives, requirements, and materials.

There are no entrance or admission requirements to register for IDL courses, although specific courses or programs may require prerequisite study or experience. Prerequisites are noted with the course descriptions in this catalog.

## Registration Types

Courses are either extended-term (to be completed in up to 9 months) or term-based (to be completed within one semester). If you are receiving financial aid administered by the Office of Student Finance (OSF), term-based online (“telecommunications”) courses are automatically counted. Extended-term courses (both online and correspondence) are **not eligible** for OSF-administered aid.

### Extended-Term (Nine Month)

**Courses**—Registration periods for extended-term courses (sections B, C, D, or E) are timed so that one section is open per month. When a course closes at the end of the month, there is no late registration available—simply register for the next month’s section. You have a maximum of nine months to complete an extended-term course. Instructors are allowed two to three weeks to return your assignments with grades and feedback. The courses are self-paced. Your course grade is posted to your transcript after you complete all coursework. Expect to spend three months minimum to complete an IDL course, with a nine-month maximum time limit. IDL courses and credits only count towards the term during which the course begins (e.g. Fall 2003).

### Term-Based (Semester) Courses—

These online courses are offered on the regular semester schedule. Register for any term-based IDL course (section A) and you will have one academic semester to complete coursework. There are no restrictions for financial aid with term-based courses. These courses are not self-paced; there are weekly assignments and activities.

### Canceled or Discontinued Courses—

Sometimes IDL has to stop accepting registrations in a course because supplies, books, or an instructor may no longer be available. If you submit a Registration and Cancel/Add form for a course that has been discontinued, your form will be returned or, if requested, you will be registered in another course. For the most current listing of available courses, visit [www.idl.umn.edu/](http://www.idl.umn.edu/).

**web**  
[www.cce.umn.edu/idl/](http://www.cce.umn.edu/idl/)

Registration Deadlines for Courses		
Section	Registration Dates	Dates of Term
A (online semester)	April 10, 2003- August 28, 2003	September 2- December 12, 2003
B	August 1-31, 2003	September 15, 2003- June 15, 2004
C	September 1-30, 2003	October 15, 2003- July 15, 2004
D	October 1-31, 2003	November 15, 2003- August 15, 2004
E	November 1-30, 2003	December 15, 2003- September 15, 2004

## Registration Dates

In order to register in the correct section of a course, follow the table of registration dates. Registration periods for extended-term courses (sections B, C, D, and E) are timed so that one section is open per month. When a section closes at the end of the month, there is no late registration available—simply register for the next month's section. NOTE: September 1 is the last day to register in section A without incurring a late registration fee; however, registrations occurring after August 28 require instructor/department permission. See pages 2 and 18 for complete information on late registration fees. If you are receiving aid administered by the Office of Student Finance, there may be restrictions on IDL registration. Please refer to registration types above.

## Tuition and Fees

See page 15 for tuition information. Credits for IDL courses qualify for plateau rates that may be available in undergraduate, professional, or graduate tuition plans. There is an additional course fee of \$60.00 (tentative) per course. You will be billed by Student Accounts Receivable for tuition and fees. Registrations in extended-term sections C, D, and E do **not** qualify for installment payments. See page 16 for complete information on tuition billing and payment of fees. IDL courses qualify as replacement courses when

cancel/adding only if the course added is an IDL course offered during the same session (a fall section A is exchanged for a fall section B; a fall section B for a fall section C; and so on). See pages 10-11 for complete change of registration information.

## Credit Card Payment

You may pay for IDL courses by credit card if you register exclusively in IDL courses. Payment must be in full if you pay using a credit card. No partial payments will be accepted. You may not use a credit card if you are also registering in other University courses at any time during the same semester. If you want to use your credit card (VISA, MasterCard, or Discover/Novus card, including Discover, Bravo, and Private Issue), fill out the credit card authorization form (included with the study guide that will be mailed to you) and submit it with the billing statement to College of Continuing Education Enrollment Services, 20 Coffey Hall, 1420 Eckles Avenue, St. Paul, MN 55108; or fax to 612-624-5359.

## Changes in Registration

Cancellations must be official (submitted on the Web, in person, or by mail/fax). Cancellations must be in writing if processed in person or by mail/fax. Mailed or faxed cancellations will be effective the date of the postmark. *Simply **not** submitting assignments does*

*not constitute cancellation of any IDL course.*

**Term-Based (Semester) Courses**—This course section (section A) follows the cancel/add and refund schedules on page 11. Grading options (A-F or S-N) may not be changed after the second week of the semester.

**Extended-Term (Nine Month) Courses**—If you cancel your extended-term course (sections B, C, D, or E) within six weeks of the start date of the term, the course will not appear on your academic record. See the chart below for cancellation/refund schedules. If you request a cancellation more than four months after the start of the term, you must obtain approval from the scholastic committee in your University of Minnesota college. The end of the second month of each term is the last date to change your grading option (A-F or S-N).

## Financial Aid for IDL Courses

**Term-based (online class section A):**  
No restrictions for financial aid.

**Extended term (class sections B, C, D, E, both correspondence and online):**  
U of M, Twin Cities, Office of Student Finance-administered programs are *not applicable* to this type of registration. **Other types of aid** may be available; contact your financial aid program.

## Course Materials

(Study Guides, Textbooks, and other Materials)

**Study Guides**—Approximately two weeks after you register for an IDL course, you will receive a package in the mail with your detailed course study guide and information about what books to buy, how to submit assignments, and how to contact your instructor. If the course is online, you will receive information in the mail about how to access your course Web site and get started in your course.

Cancellation/Refund Schedules for IDL Courses			
Section	Changes to Grade Base:	Cancellations:	Tuition Refund Schedule <sup>1</sup> :
A 09/02/03- 12/12/03	See pages 10-11	See pages 10-11	See pages 10-11
B 09/15/03- 06/15/04	Allowed through 11/14/03	10/26/03: Last day to cancel without transcript record; no permission required to cancel. 10/27/03-01/14/04: "W" recorded on transcript; no permission required to cancel. On or after 01/15/04: "W" recorded on transcript; College Scholastic Committee permission required to cancel.	100% if you cancel by 10/15/03  50% if you cancel by 11/15/03  0% if you cancel on or after 11/16/03
C 10/15/03- 07/15/04	Allowed through 12/14/03	11/25/03: Last day to cancel without transcript record; no permission required to cancel. 11/26/03-02/14/04: "W" recorded on transcript; no permission required to cancel. On or after 02/15/04: "W" recorded on transcript; College Scholastic Committee permission required to cancel.	100% if you cancel by 11/15/03  50% if you cancel by 12/15/03  0% if you cancel on or after 12/16/03
D 11/15/03- 08/15/04	Allowed through 01/14/04	12/26/03: Last day to cancel without transcript record; no permission required to cancel. 12/27/03-03/14/04: "W" recorded on transcript; no permission required to cancel. On or after 03/15/04: "W" recorded on transcript; College Scholastic Committee permission required to cancel.	100% if you cancel by 12/15/03  50% if you cancel by 01/15/04  0% if you cancel on or after 01/16/04
E 12/15/03- 09/15/04	Allowed through 02/14/04	01/26/04: Last day to cancel without transcript record; no permission required to cancel. 01/27/04-04/14/04: "W" recorded on transcript; no permission required to cancel. On or after 04/15/04: "W" recorded on transcript; College Scholastic Committee permission required to cancel.	100% if you cancel by 01/15/04  50% if you cancel by 02/15/04  0% if you cancel on or after 02/16/04
<p><sup>1</sup> All students on financial aid who are cancelling a course should contact the Office of Student Finance (612-624-1111) to see how the change in registration will affect their financial aid.</p>			

**Textbooks, Audio, and Video Materials**—Please see the *Bookstores* section of this catalog (page 28) for information on ordering these materials.

**Library Services for Distance Learners**—The University Libraries has a number of services and resources that

you can use without ever coming to campus. They include computer, phone, and mail access reference services, help getting started on your research, and receiving books and articles at your home or on your computer.

To begin exploring the University Libraries' online information gateway on the Web, go to [www.lib.umn.edu](http://www.lib.umn.edu). Note that access to many of the Libraries' electronic resources requires logging in with your University of Minnesota e-mail ID and password.

Contact the Libraries to receive additional information on what library resources and services are available to you.

University Libraries  
Distance Learning  
University of Minnesota-  
Twin Cities  
499 Wilson Library  
309 19th Avenue South  
Minneapolis, MN 55455  
612-624-0303 [infopoint@umn.edu](mailto:infopoint@umn.edu)  
[infopoint.lib.umn.edu](http://infopoint.lib.umn.edu)

## Course Completion

**Submitting Assignments—Be sure to make and save a copy of each assignment you submit. All completed submissions and written correspondence to your course instructor, must have a completed submission form attached to ensure its return.** Fill in and attach a submission form to each assignment, exam, or paper, and use a preprinted mailing label (included with your course materials) on the envelope. You may submit your assignments by mail, in person at 150 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, or by using the drop box located at the ramp entrance of Wesbrook Hall. Some instructors accept assignments by e-mail. Check the instructor information sheet you receive with your study guide, or ask your instructor. **Do not fax assignments.**

Allow approximately three weeks between the time an assignment is submitted to IDL and the time it is returned to you. Failure to include the correct submission form, attach sufficient postage, or supply a correct address may delay the processing of your assignment. Contact your instructor about any assignment that is not returned to you within three weeks of the date you submitted it.

Expect to spend at least three months to complete an IDL course. A minimum of six weeks is required to complete a course. Typically, you may submit a **maximum of three** assignments, exams, or papers per week. If there is a stricter

limit for your course, that exception is listed in the course study guide or will be given to you by your instructor. You should consider any comments from your instructor on one assignment - in order to recognize your strengths and mistakes - before you submit more work for your course.

**Exams**—Most IDL courses include a final exam and one or more midcourse exams. An exam information form for each exam is included with the course study guide. *You must submit all assignments that come before an exam before you can take that exam.* Your study guide explains any special restrictions on exams. **Be sure to bring a submission form and picture I.D. when you take the exam. Fill in the submission number and either write *midcourse exam* or *final exam* and attach the form to the exam when you submit it for grading.**

Proctored exams may be taken at the following offices or under the supervision of the following individuals:

- If you live in the Twin Cities area, you are urged to take your exams at the College of Continuing Education, Student Support Services office, 150 Wesbrook Hall, Minneapolis. ***You must call 612-624-4000 or 1-800-234-6564 at least one day in advance and make an appointment to take an exam.*** Exams must be completed during regular office hours (8 a.m. to 5 p.m., Monday through Thursday; and 8 a.m. to 4:30 p.m., Friday).
- Other campus offices can arrange for a proctored exam *by appointment only*: Crookston (218-281-8341); Duluth (218-726-6288); Morris (320-589-6456 or 1-800-842-0030); or Rochester (507-280-2828 or 1-800-947-0117).
- The Independent Study department of any member institution of the University Continuing Education Association (UCEA) or the institution of a member of the American Association for Collegiate Independent Study (AACIS).

- A school superintendent, principal, or counselor; a faculty member (excluding teaching assistants) or administrator of an accredited university or college; or a head librarian.
- A commissioned officer whose rank is higher than your own (for students in the military only).
- A corporate education director.
- Any test center member of the National College Testing Association. Search for an NCTA test center online at <http://testing.byu.edu/NCTA/Consortium>. From the Homepage, use “click here to find a consortium participant.”

IDL reserves the right to reject any proctor. Regardless of academic qualifications, no relative, work supervisor, or immediate employer may proctor an exam. No proctor fees are authorized. You must contact the individual who will proctor your exam before sending in the Request for Examination form. Exams are mailed directly to the proctor at her or his business location and must be taken within 30 days.

Copies of your completed, graded exams are kept on file for six months. To review a graded exam, you must make an appointment one day in advance by calling 612-624-4000 or 1-800-234-6564.

**Extensions**—A grade of Incomplete (I) may be granted through direct request and permission of your instructor. All extensions should have a specific deadline and should be agreed on in writing between you and your instructor. Your instructor is **not** obligated to grant an incomplete, and if you have not begun your course, or have not completed a significant portion of it, your instructor may deny your request for an incomplete. If your instructor does not agree to grant you an incomplete, then you can earn credit in the course only by reregistering and completing the new course.

**Reregistration**—If you did not complete an IDL course because, for example, your term expired and you received a grade of F or N, and you would like to take the same course again, you must reregister in the current version of the course. To reregister, you must fill out a Registration and Cancel/Add form, pay newest tuition rates, buy the current required texts and supplies, and complete all the assignments and exams in the newest version of the course study guide. Your original registration will remain on your record with the grade you earned. Each college within the University determines its own policy and procedure on repeating courses for credit (including retroactive cancellation policies).

### Further Information

**High School Students**—High school students are eligible to take IDL college courses, and Minnesota high school students may be eligible to take college courses using the Post-Secondary Enrollment Options (PSEO) Program.

Under PSEO, eligible Minnesota high school juniors and seniors can take college courses and earn high school units and, concurrently, college credits for the courses they successfully complete. The Minnesota State Department of Children, Families & Learning pays for the tuition and books for the courses.

High school students interested in taking courses through IDL under the PSEO program **must be formally admitted to the program and submit all registration materials to the Advanced High School Student Services office.**

If you would like an application to the PSEO Program, or have any questions regarding criteria, appropriate courses, or the registration process, contact Advanced High School Student Services, University of Minnesota, 206 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455; 612-626-1666, [pseo@cce.umn.edu](mailto:pseo@cce.umn.edu), [www.cce.umn.edu/ahs](http://www.cce.umn.edu/ahs).

**DANTES**—The Defense Activity for Non-Traditional Educational Support (DANTES) was established in June 1974 to provide educational support for voluntary education programs for military organizations. Military personnel on active duty should contact their Education Officer for additional information concerning registration through this program.

For more information on Independent and Distance Learning, visit [www.idl.umn.edu](http://www.idl.umn.edu), phone the College of Continuing Education, Student Support Services, at 612-624-4000 or 1-800-234-6564 (toll free), or e-mail [indstudy@umn.edu](mailto:indstudy@umn.edu).

IDL is part of the College of Continuing Education and is accredited by the North Central Association of Colleges and Schools. IDL courses are approved by University of Minnesota academic departments.

IDL is a member of the Distance Learning Community of Practice of the University Continuing Education Association (UCEA).

## Independent and Distance Learning (IDL) Course List

### ACCOUNTING (ACCT)

Curtis L. Carlson School of Management

**Acct 2050 Introduction to Financial Reporting**

*A-F only; (Credit will not be granted if credit has been received for: APEC 1251; prereq Completion of 30 credits)*

Introduction to financial accounting for U.S. organizations. Reading financial statements. Biondich, Nick E, 4 cr

*Students admitted to School of Management majors may not take the IDL version of Acct 2050. Acct 2050 is challenging, and taking it through IDL requires strong self-discipline. Less help will be available than in the classroom, and you must structure your studies by yourself.*

*Extended Term Correspondence*

16419	B01, 09/15/03-06/15/04
16420	C01, 10/15/03-07/15/04
16421	D01, 11/15/03-08/15/04
16422	E01, 12/15/03-09/15/04

**Also see GC 1540, Accounting Fundamentals I.**

*see also...  
these noncredit course listings*

**Continuing Professional Education**  
• *Business Management Programs,*  
page 150

### AFRO-AMERICAN STUDIES (AFRO)

College of Liberal Arts

**Afro 3601 Introduction to African Literature**

*(meets CLE req of International Perspective Theme; meets CLE req of Literature Core)*

African oral and written literature of 19th and 20th centuries. Emphasis on literature written in English and French. All readings in English. Pike, Ben, 3 cr

*Extended Term Correspondence*

16427	B04, 09/15/03-06/15/04
16428	C04, 10/15/03-07/15/04
16429	D04, 11/15/03-08/15/04
16430	E04, 12/15/03-09/15/04

### AGRONOMY AND PLANT GENETICS (AGRO)

College of Agricultural, Food, & Environmental Sciences

**Agro 4888 Issues in Sustainable Agriculture**

*(prereq 1103, Soil 1125 or 2125 or equiv)*

An overview of issues related to sustainable agriculture: agroecology, impacts on the environment and public health issues, government policies, and sociological factors. The sustainable agriculture movement is driven by the belief that our food production system will be sustaining only when on-farm practices and agricultural policies balance profitability with concern for the environment and the well-being of farm families and rural communities. Course includes interaction with practices and promoters of sustainable agriculture. Sheaffer, Craig Charles, 2 cr

16789	B01, 09/15/03-06/15/04
16790	C01, 10/15/03-07/15/04
16791	D01, 11/15/03-08/15/04
16792	E01, 12/15/03-09/15/04

## AMERICAN INDIAN STUDIES (AMIN)

College of Liberal Arts

### Amin 3871 American Indian History: Pre-Contact to 1830

*(Credit will not be granted if credit has been received for: HIST 3871; meets CLE req of Cultural Diversity Theme; meets CLE req of Historical Perspective Core)*

Introduction to American Indian history from ancient native America to the removal era. Focuses on the social, cultural, political, and economic diversity of Native American peoples and Native American experiences with European colonialism. Jarvis, Brad Devin, 4 cr

*Extended Term Correspondence*

30033	B02, 09/15/03-06/15/04
30034	C02, 10/15/03-07/15/04
30035	D02, 11/15/03-08/15/04
30036	E02, 12/15/03-09/15/04

### Amin 3872 American Indian History: 1830 to the Present

*(Credit will not be granted if credit has been received for: HIST 3872; meets CLE req of Cultural Diversity Theme; meets CLE req of Historical Perspective Core)*

Focus on the impact of federal Indian policy on American Indian cultures and societies, and on American Indian culture change. Jarvis, Brad Devin, 4 cr

*Extended Term Correspondence*

30038	B02, 09/15/03-06/15/04
30039	C02, 10/15/03-07/15/04
30040	D02, 11/15/03-08/15/04
30041	E02, 12/15/03-09/15/04

*I began my courses in Cape Town, South Africa, and moved every two to five weeks after that. Some other people on the team are taking correspondence courses through their universities around the world, but [U of M] IDL is by far the best; everyone is always impressed when I explain how the program works.*

### Melissa Marban

*America's Cup sailing race team member*

## ANTHROPOLOGY (ANTH)

College of Liberal Arts

### Anth 1003W Understanding Cultures

*(meets CLE req of International Perspective Theme; meets CLE req of Social Science Core; meets CLE req of Writing Intensive)*

Introduction to social and cultural anthropology. Comparative study of societies and cultures around the world. Topics include adaptive strategies; economic processes; kinship, marriage, and gender; social stratification; politics and conflicts; religion and ritual; personality and culture. Gerlach, Luther P, 4 cr

*Extended Term Correspondence*

16431	B02, 09/15/03-06/15/04
16432	C02, 10/15/03-07/15/04
16433	D02, 11/15/03-08/15/04
16434	E02, 12/15/03-09/15/04

### Anth 1111 Human Origins

World prehistory as investigated by anthropologists. Methods/concepts used to study prehistoric human biological/cultural development. Spector, Janet D, 3 cr

*This course has no lab component.*

*Extended Term Correspondence*

16903	B02, 09/15/03-06/15/04
16904	C02, 10/15/03-07/15/04
16905	D02, 11/15/03-08/15/04
16906	E02, 12/15/03-09/15/04

## APPLIED BUSINESS (ABUS)

College of Continuing Education

### ABUS 4011 Historical Perspectives and Contemporary Business Challenges

*A-F only; (prereq At least 45 cr)*

Major challenges faced by contemporary businesses including global competitiveness, product and service quality, information revolution, and changing customer and workforce demographics. Approaches to meeting these contemporary challenges are studied against a historical backdrop of evolving management practices. Emphasis is placed on the importance of developing systematic ways of analyzing complex problems where causes and effects can be analyzed in the context of larger systems. Primarily for B.A.S. students in the Applied Business program or other B.A.S. majors. Non-B.A.S. students must have academic adviser approval and meet course prerequisites. [See B.A.S. Web site at [www.cce.umn.edu/bas](http://www.cce.umn.edu/bas) for additional course information.] Conlon, Thomas Julius, 3 cr

*Registration closes one week before term starts. For computer requirements see [webct.umn.edu](http://webct.umn.edu) and click on Browser Set Up.*

#### ONLINE COURSE

*Term Based Telecommunications*

18979	A31, 09/02/03-12/12/03
22881	A32, 09/02/03-12/12/03

### ABUS 4012 Problem Solving in Complex Organizations

*A-F only; (prereq At least 45 cr; meets CLE req of Writing Intensive)*

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. Strictly limited to 25. Primarily for B.A.S. students in the Applied Business program or other B.A.S. majors. Non-B.A.S. students must have academic adviser approval and meet course prerequisites. [See B.A.S. Web site at [www.cce.umn.edu/bas](http://www.cce.umn.edu/bas) for additional course information.] Swanson, Trisha Katherine, 3 cr

*Registration closes one week before term starts. For computer requirements see [webct.umn.edu](http://webct.umn.edu) and click on Browser Set Up.*

#### ONLINE COURSE

*Term Based Telecommunications*

22884	A31, 09/02/03-12/12/03
22885	A32, 09/02/03-12/12/03

### ABUS 4022 Managing Organizational Relationships

*A-F only; (prereq At least 45 cr)*

This course helps students understand the complexities involved in managing organizational relationships. Topics include political dimensions of organization life and diagnosing how power is distributed and exercised in modern organizations. Cooperative relationships are examined and frameworks for analyzing motives for observed behavior are presented. Skills for managing upward, lateral, and downward relationships are provided with an emphasis on recognizing potential ethical dilemmas. Primarily for B.A.S. students in the Applied Business program or other B.A.S. majors. Non-B.A.S. students must have academic adviser approval and meet course prerequisites. [See B.A.S. Web site at [www.cce.umn.edu/bas](http://www.cce.umn.edu/bas) for additional course information.] Spruth, Thomas Stevens, 3 cr

*Registration closes one week before term starts. For computer requirements see [webct.umn.edu](http://webct.umn.edu) and click on Browser Set Up.*

#### ONLINE COURSE

*Term Based Telecommunications*

18982	A31, 09/02/03-12/12/03
20836	A32, 09/02/03-12/12/03

### ABUS 4023 Communicating for Results

*A-F only; (prereq At least 45 cr)*

The ability to influence and persuade based on sound ideas is critical to effectiveness in organizations. This course focuses on aspects of communication that are essential to being persuasive and influential. Topics include organizing and presenting ideas effectively, strategies for audience analysis, choosing communication methods, making appropriate use of informal influence methods, and handling dissent. Processes for intercultural communication are introduced. Primarily for B.A.S. students in the Applied Business program or other B.A.S. majors. Non-B.A.S. students must have academic adviser approval and meet course prerequisites. [See B.A.S. Web site at [www.cce.umn.edu/bas](http://www.cce.umn.edu/bas) for additional course information.] Kampf, Constance Elizabeth, 3 cr

*Registration closes one week before term starts. For computer requirements see [webct.umn.edu](http://webct.umn.edu) and click on Browser Set Up.*

#### ONLINE COURSE

*Term Based Telecommunications*

18983	A31, 09/02/03-12/12/03
20838	A32, 09/02/03-12/12/03

## Financial Aid for IDL Courses

**Term-based telecommunications (online section A):** No restrictions for financial aid.  
**Extended term (sections B, C, D, and E, both correspondence and telecommunications):** U of M, Twin Cities, Office of Student Finance-administered programs are *not applicable* to this type of registration. **Other types of aid** may be available; contact your financial aid program.

**ABus 4031 Accessing and Using Information Effectively**

*A-F only; (prereq Computer literacy, at least 45 cr)*  
 Information resources available to businesses and how to use them. The course begins with conceptualization of the role of information in business operations, including information systems and data management. A typology of information is presented and applied in short case studies and exercises, including data-based, text-based, oral, written, and multimedia forms of information. Accessing external information for the firm is reviewed through experiences with library resources such as information search services, CD-ROM, and periodicals. Accessing internal information for the firm is reviewed through experiences with a desktop database system and electronic mail or computer conferencing. Swanson, Trisha Katherine, 3 cr

*Registration closes one week before term starts. For computer requirements see webct.umn.edu and click on Browser Set Up.*

**ONLINE COURSE**

*Term Based Telecommunications*

18981 A31, 09/02/03-12/12/03  
 20839 A32, 09/02/03-12/12/03

**ABus 4041 Leadership in a Global and Diverse Workplace**

*A-F only; (prereq At least 45 cr)*  
 Being an effective employee in today's workforce usually involves leading or participating in change. Many of the changes are driven by expanding global markets, the need to compete with global competitors, and the need to interact effectively across cultures within and outside the organization. This course focuses on developing a global perspective, developing an ethical perspective to help navigate the sometimes confusing cross-currents of change, and acquiring skills for working in settings of high diversity. Primarily for B.A.S. students in the Applied Business program or other B.A.S. majors. Non-B.A.S. students must have academic adviser approval and meet course prerequisites. [See B.A.S. Web site at [www.cce.umn.edu/bas](http://www.cce.umn.edu/bas) for additional course information.] Jones, Ann, 3 cr

*Registration closes one week before term starts. For computer requirements see webct.umn.edu and click on Browser Set Up.*

**ONLINE COURSE**

*Term Based Telecommunications*

16204 A31, 09/02/03-12/12/03  
 20842 A32, 09/02/03-12/12/03

**ABus 4042 Planning and Implementation at the Business Unit Level**

*A-F only; (prereq 4101, 4103, at least 45 cr)*  
 This course focuses on creating and implementing operating plans at the business unit level. Types of plans covered include operations flow charts, budgets, schedules, and staffing plans. The importance of integrating plans with the overall business strategy is emphasized. Factors involved in successful implementation of the plans are examined. The importance of developing strategies for change is stressed. Primarily for B.A.S. students in the Applied Business program or other B.A.S. majors. Non-B.A.S. students must have academic adviser approval

and meet course prerequisites. [See B.A.S. Web site at [www.cce.umn.edu/bas](http://www.cce.umn.edu/bas) for additional course information.] Spruth, Thomas Stevens, 3 cr

*Registration closes one week before term starts. For computer requirements see webct.umn.edu and click on Browser Set Up.*

**ONLINE COURSE**

*Term Based Telecommunications*

19336 A31, 09/02/03-12/12/03  
 22882 A32, 09/02/03-12/12/03

**ABus 4043 Project Management in Practice**

*A-F only; (prereq 4102, at least 45 cr)*  
 This course has two objectives. The first is to teach students about project management and the various tools and techniques available to support the project leader in such areas as scheduling, coordinating, and allocating resources. The second is to provide students with an opportunity to carry out a field project and put the tools of project management into practice. The field project may involve a project with a nonprofit organization in the community, smaller businesses, or in the student's employing company. The projects should be carried out in teams wherever possible. McNamara, Daniel E, 3 cr

*Must have PC for required course software. Registration closes one week before term starts. For computer requirements see webct.umn.edu and click on Browser Set Up.*

**ONLINE COURSE**

*Term Based Telecommunications*

16205 A31, 09/02/03-12/12/03  
 20843 A32, 09/02/03-12/12/03

**ABus 4101 Accounting and Finance for Managers**

*A-F only; (prereq One semester of lower-division principles of accounting, at least 45 cr)*  
 Expands on students' lower division work in financial accounting and adds principal concepts of finance. Emphasis is on business decision making from an accounting and financial perspective, including topics such as analysis of cost-volume-profit relationships, capital budgeting, variances, uses and sources of funds, and valuation. Primarily for B.A.S. students in the Applied Business program or other B.A.S. majors. Non-B.A.S. students must have academic adviser approval and meet course prerequisites. [See B.A.S. Web site at [www.cce.umn.edu/bas](http://www.cce.umn.edu/bas) for additional course information.] Scottston, Barbara F, and Vickman, Thomas M, 3 cr

*Registration closes one week before term starts. For computer requirements see webct.umn.edu and click on Browser Set Up. Students who found earlier accounting courses difficult should take ABUS 4101 in the classroom, not online. Online course requires multiple weekly deadlines and little flexibility for less prepared students.*

**ONLINE COURSE**

*Term Based Telecommunications*

30024 A31, 09/02/03-12/12/03  
 30025 A32, 09/02/03-12/12/03

**ABus 4102 Operations in Manufacturing and Service Businesses**

*A-F only; (prereq At least 45 cr)*  
 Concepts and principles related to the management of operations functions are introduced, including operations strategy, process, design, just-in-time inventory management, forecasting, scheduling, and quality improvement. The course is taught from service and manufacturing perspectives and stresses the relationships between operations and the environment. Primarily for B.A.S. students in the Applied Business program or other B.A.S. majors. Non-B.A.S. students must have academic adviser approval and meet course prerequisites. [See B.A.S. Web site at [www.cce.umn.edu/bas](http://www.cce.umn.edu/bas) for additional course information.] Misterek, Susan Amundson, 3 cr

*Registration closes one week before term starts. For computer requirements see webct.umn.edu and click on Browser Set Up.*

**ONLINE COURSE**

*Term Based Telecommunications*

18984 A31, 09/02/03-12/12/03  
 22886 A32, 09/02/03-12/12/03

**ABus 4103 Marketing and Sales**

*A-F only; (prereq At least 45 cr)*  
 Legal, behavioral, ethical, competitive, economic, and technological factors are examined as they affect product pricing, promotion, and marketing. The personal selling function is presented as an integral part of the overall distribution system with emphasis on sales force organization, selection, training, motivation, compensation, forecasting, budgeting, and control. Primarily for B.A.S. students in the Applied Business program or other B.A.S. majors. Non-B.A.S. students must have academic adviser approval and meet course prerequisites. [See B.A.S. Web site at [www.cce.umn.edu/bas](http://www.cce.umn.edu/bas) for additional course information.] Adelola, Abel O, 3 cr

*Registration closes one week before term starts. For computer requirements see webct.umn.edu and click on Browser Set Up.*

**ONLINE COURSE**

*Term Based Telecommunications*

30026 A31, 09/02/03-12/12/03  
 30027 A32, 09/02/03-12/12/03

**ABus 4104 Management and Human Resource Practices**

*A-F only; (prereq At least 45 cr)*  
 Introduces students to a broad overview of human resource practices in organizations, as well as basic responsibilities of front-line managers. Emphasis is on providing day-to-day leadership, including organizing work, motivating employees, delegating, coordinating, and achieving results. Human resource practices carried out at the front line include selection, induction, and training of new employees, employee appraisal, handling grievances and discipline. Primarily for B.A.S. students in the Applied Business program or other B.A.S. majors. Non-B.A.S. students must have academic adviser approval and meet course prerequisites. [See B.A.S. Web site at [www.cce.umn.edu/bas](http://www.cce.umn.edu/bas) for additional course information.] Brooks, Emily Hause, 3 cr

*Registration closes one week before term starts. For computer requirements see webct.umn.edu and click on Browser Set Up.*

**ONLINE COURSE**

*Term Based Telecommunications*

16206 A31, 09/02/03-12/12/03  
 22883 A32, 09/02/03-12/12/03.

**ABus 4501 Entrepreneurship**

*A-F only; (prereq 4101, 4103, at least 45 cr)*  
 Self-employment as alternative to employment. Phases of entrepreneurship, including identifying an opportunity, start-up, managing/harvesting a small business. Emphasizes all aspects of business plan. Primarily for B.A.S. students in the Applied Business program or other B.A.S. majors. Non-B.A.S. students must have academic adviser approval and meet course prerequisites. [See B.A.S. Web site at [www.cce.umn.edu/bas](http://www.cce.umn.edu/bas) for additional course information.] Scottston, Barbara F, 3 cr

*Registration closes one week before term starts. For computer requirements see webct.umn.edu and click on Browser Set Up.*

**ONLINE COURSE**

*Term Based Telecommunications*

18985 A31, 09/02/03-12/12/03  
 20844 A32, 09/02/03-12/12/03

**Detailed Information about IDL Courses**

Get detailed information about course textbooks/materials, lessons, submissions, exams, papers, etc., **online** by visiting [www.cce.umn.edu/idl](http://www.cce.umn.edu/idl), clicking on "courses" and using the "Search IDL courses" boxes. For a **paper copy** of this same information, call, write, or e-mail CCE Student Support Services: see inside cover.

## ART HISTORY (ARTH)

### College of Liberal Arts

#### Arth 3014W Art of India

(meets CLE req of International Perspect Theme; meets CLE req of Other Humanities Core; meets CLE req of Writing Intensive)

Indian sculpture, architecture, and painting from the pre-historic Indus Valley civilization to the present day. Olson, Marsha Gail, 4 cr

*Required CD-ROM for course contains hundreds of slides for study.*

*Extended Term Correspondence*

16861	B01, 09/15/03-06/15/04
16862	C01, 10/15/03-07/15/04
16863	D01, 11/15/03-08/15/04
16864	E01, 12/15/03-09/15/04

## ASTRONOMY

### See GC 1161, Solar System Astronomy, and GC 1162, Stellar Astronomy.

## BIOCHEMISTRY (BIOC)

### College of Biological Sciences

#### BioC 3021 Biochemistry

(Same as: BIOL 3021; credit will not be granted if credit has been received for: BIOC 6021; prereq Biol 1002 or 1009, Chem 2301)

Fundamentals of biochemistry, including structure and function of proteins, nucleic acids, lipids, and carbohydrates, metabolism and regulation of metabolism; quantitative treatments of chemical equilibria, enzyme catalysis and bioenergetics; and the chemical basis of genetic information flow. Anderson, John Seymour, 3 cr

*Four hand-written proctored exams. Visit*

*http://bioc1.cbs.umn.edu/class/bioc3021/jsa/distance.html for details about technical requirements and exam scheduling before registering.*

#### ONLINE COURSE

*Term Based Telecommunications*

21705	A31, 09/02/03-12/12/03
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## BIOLOGY (BIOL)

### College of Biological Sciences

#### Biol 1009 General Biology

(Credit will not be granted if credit has been received for: BIOL 1001, BIOL 1002W, BIOL 1009H; prereq high school chemistry; 1 term college chemistry recommended; meets CLE req of Biological Sciences/Lab Core)

Major concepts of modern biology. Molecular structure of living things, energy recruitment/utilization, flow of genetic information through organisms/populations. Principles of inheritance, ecology, and evolution. Brooker, Robert James, 4 cr

*Includes labs, most can be done at home.*

*Extended Term Correspondence*

15939	B06, 09/15/03-06/15/04
15940	C06, 10/15/03-07/15/04
16435	D06, 11/15/03-08/15/04
16436	E06, 12/15/03-09/15/04

#### Biol 4003 Genetics

(Credit will not be granted if credit has been received for: GCD 3022, BIOL 1101W; prereq Biol/BioC 3021 or BioC 4331)

Introduction to the nature of genetic information, its transmission from parents to offspring, its expression in cells and organisms, and its course in populations. Brooker, Robert James, 3 cr

*Extended Term Correspondence*

16437	B01, 09/15/03-06/15/04
16438	C01, 10/15/03-07/15/04
16439	D01, 11/15/03-08/15/04
16440	E01, 12/15/03-09/15/04

#### Biol 4004 Cell Biology

(prereq Biol/BioC 3021 or BioC 5331, Biol 4003 or BioC 4332)

Processes fundamental to cells, with an emphasis on eukaryotic cells. Assembly and function of membranes and organelles. Cell division, cell form and movement, intercellular communication, transport and secretion pathways. Some discussion of specialized cells including cancer cells and differentiated cells. Brooker, Robert James, 3 cr

*Extended Term Correspondence*

16441	B02, 09/15/03-06/15/04
16442	C02, 10/15/03-07/15/04
16443	D02, 11/15/03-08/15/04
16444	E02, 12/15/03-09/15/04

## BUSINESS

### See the following departments:

Accounting  
Agronomy and Plant Genetics  
Applied Business  
Economics  
Finance  
General College  
Management  
Marketing

## CHEMISTRY

### See GC 1166, Principles of Chemistry.

## CHILD PSYCHOLOGY (CPSY)

### College of Education & Human Development

#### CPsy 2301 Introductory Child Psychology

(prereq 4 cr intro psych; meets CLE req of Social Science Core)

Introduction to the science of child behavior; review of theory and research. Heinrichs, Marian Rose, 4 cr

*Extended Term Correspondence*

16449	B02, 09/15/03-06/15/04
16450	C02, 10/15/03-07/15/04
16451	D02, 11/15/03-08/15/04
16452	E02, 12/15/03-09/15/04

#### CPsy 3301 Introductory Child Psychology for Social Sciences

The science of child behavior; review of theory and research. Designed for majors in psychology, sociology, and related disciplines; not suggested for child psychology majors. Heinrichs, Marian Rose, 4 cr

*Extended Term Correspondence*

16754	B02, 09/15/03-06/15/04
16755	C02, 10/15/03-07/15/04
16756	D02, 11/15/03-08/15/04
16757	E02, 12/15/03-09/15/04

#### CPsy 4302 Infant Development

A-F only; (prereq 2301 or instr consent)

Perceptual, motor, emotional, social, and cognitive development during the first two years of life; the developing infant in his or her social and physical environment. 4 cr

*Extended Term Correspondence*

16886	B02, 09/15/03-06/15/04
16887	C02, 10/15/03-07/15/04
16888	D02, 11/15/03-08/15/04
16889	E02, 12/15/03-09/15/04

#### CPsy 4303 Adolescent Psychology

A-F only; (prereq Psy 1001)

This course provides an overview of development in the second decade of life. Interactions of adolescents with family, school, and society are also reviewed. Heinrichs, Marian Rose, 4 cr

*Extended Term Correspondence*

16457	B01, 09/15/03-06/15/04
16458	C01, 10/15/03-07/15/04
16459	D01, 11/15/03-08/15/04
16460	E01, 12/15/03-09/15/04

#### CPsy 4331 Social and Personality Development

A-F only; (prereq 2301, Psy 1001)

Development of social relations and personality; research, methodology, and contrasting theoretical perspectives. Survey of findings on interpersonal relationships, the concept of self, prosocial and antisocial behavior, and acquisition of social roles. Jansen, Elizabeth Ann, 4 cr

*Extended Term Correspondence*

16453	B02, 09/15/03-06/15/04
16454	C02, 10/15/03-07/15/04
16455	D02, 11/15/03-08/15/04
16456	E02, 12/15/03-09/15/04

## CLASSICS (CLAS)

### College of Liberal Arts

#### Clas 1148 Technical Terminology for the Health Professions

Greek and Latin prefixes, suffixes, and roots basic to the vocabulary of health professions; taught through computer-assisted instruction. Stelow, Anna R, 3 cr

*For computer requirements see webct.umn.edu and click on Browser Set Up.*

#### ONLINE COURSE

*Extended Term Telecommunications*

30043	B01, 09/15/03-06/15/04
30045	C01, 10/15/03-07/15/04
30046	D01, 11/15/03-08/15/04
30047	E01, 12/15/03-09/15/04

## COMPUTERS

### See GC 1571, Introduction to Microcomputer Applications.

## ECOLOGY, EVOLUTION, AND BEHAVIOR (EEB)

### College of Biological Sciences

#### EEB 3001 Ecology and Society

A-F only; (Credit will not be granted if credit has been received for: BIOL 3407, BIOL 5407, BIOL 3807; prereq [Jr or sr] recommended; biological sciences students may not apply cr toward major; meets CLE req of Environment Theme)

Basic concepts in ecology. Organization, development, function of ecosystem. Population growth/regulation. Human effect on ecosystems. Wolff, Brian B, 3 cr

*Print course with related Web site. Internet access recommended.*

*Extended Term Correspondence*

16493	B07, 09/15/03-06/15/04
16494	C07, 10/15/03-07/15/04
16495	D07, 11/15/03-08/15/04
16496	E07, 12/15/03-09/15/04

## ECONOMICS (ECON)

College of Liberal Arts

### Econ 1101 Principles of Microeconomics

*(Credit will not be granted if credit has been received for: APEC 1101, ECON 1104, ECON 1101H; prereq knowledge of plane geometry and advanced algebra; meets CLE req of International Perspect Theme; meets CLE req of Social Science Core)*

Microeconomic behavior of consumers, firms, and markets in domestic and world economy. Demand and supply. Competition and monopoly. Distribution of income. Economic interdependencies in the global economy. Effects of global linkages on individual decisions.

Rolleigh, Michael McDonald, 4 cr

*Extended Term Correspondence*

16497	B06, 09/15/03-06/15/04
16498	C06, 10/15/03-07/15/04
16499	D06, 11/15/03-08/15/04
16500	E06, 12/15/03-09/15/04

### Econ 1102 Principles of Macroeconomics

*(Credit will not be granted if credit has been received for: APEC 1102, ECON 1105, ECON 1102H; prereq [1101 or equiv], knowledge of plane geometry and advanced algebra; meets CLE req of International Perspect Theme; meets CLE req of Social Science Core)*

Aggregate consumption, saving, investment, and national income. Role of money, banking, and business cycles in domestic and world economy. International trade, growth, and development. U.S. economy and its role in the world economy. International interdependencies among nations. Chakraborty, Suparna, 4 cr

*Extended Term Correspondence*

16501	B06, 09/15/03-06/15/04
16502	C06, 10/15/03-07/15/04
16503	D06, 11/15/03-08/15/04
16504	E06, 12/15/03-09/15/04

### Econ 3701 Money and Banking

*(Credit will not be granted if credit has been received for: ECON 4721, ECON 4721H; prereq 1101, 1102 or equiv; not open to econ majors)*

Historical development, present characteristics, and economic role of financial institutions. Commercial banking, the Federal Reserve System, and monetary policy.

Smith, Harlan M, 3 cr

*Students who found microeconomics and macroeconomics courses difficult or confusing are advised not to take this course through IDL. Less help will be available than in a classroom course.*

*Extended Term Correspondence*

16505	B05, 09/15/03-06/15/04
16506	C05, 10/15/03-07/15/04
16507	D05, 11/15/03-08/15/04
16508	E05, 12/15/03-09/15/04

### Econ 4721 Money and Banking

*(Credit will not be granted if credit has been received for: ECON 3701, ECON 4721H; prereq 3101 or equiv)*

Theories of money demand and money supply. Financial intermediation and banking, banking practices and regulation, role of the Federal Reserve system. Monetary policy. Smith, Harlan M, 3 cr

*Students who found microeconomics and macroeconomics courses difficult or confusing are advised not to take this course through IDL. Less help will be available than in a classroom course.*

*Extended Term Correspondence*

16461	B01, 09/15/03-06/15/04
16462	C01, 10/15/03-07/15/04
16463	D01, 11/15/03-08/15/04
16464	E01, 12/15/03-09/15/04

## EDUCATIONAL PSYCHOLOGY (EPSY)

College of Education & Human Development

### EPsy 4300 Special Topics in Educational Psychology: Integrative Career/Life Planning

Current issues in educational psychology or related coursework in areas not normally available through regular curriculum offerings. Hansen, Sunny Sundal, 3 cr

*Extended Term Correspondence*

23063	B01, 09/15/03-06/15/04
23064	C01, 10/15/03-07/15/04
23065	D01, 11/15/03-08/15/04
23066	E01, 12/15/03-09/15/04

### EPsy 5401 Counseling Procedures

*(prereq Upper division student)*

Emphasis on the counseling relationship and principles of interviewing. Case studies, role playing, and demonstration. For individuals whose professional work includes counseling and interviewing. Rivers, David Aaron, 3 cr

*Only undergraduate-level students may register for the IDL version of this course.*

*Extended Term Correspondence*

16797	B03, 09/15/03-06/15/04
16798	C03, 10/15/03-07/15/04
16799	D03, 11/15/03-08/15/04
16800	E03, 12/15/03-09/15/04

## ENGLISH: COMPOSITION (ENGC)

College of Liberal Arts

### EngC 1001 Preparation for University Writing

*(prereq Category 4 placement)*

Guided writing practice in prewriting, drafting, and revising as well as grammar, sentence structure, and paragraphing. For students who are not fully prepared for academic writing. Lekas, Michelle Yvonne, 4 cr

*The IDL version of EngC 1001 is not recommended for ESL students.*

*Extended Term Correspondence*

16890	B01, 09/15/03-06/15/04
16891	C01, 10/15/03-07/15/04
16892	D01, 11/15/03-08/15/04
16893	E01, 12/15/03-09/15/04

### EngC 1011 University Writing and Critical Reading

*(prereq placement in category 2 or 3; not appropriate for ESL students)*

Critical reading/interpretation of selected texts. Research in various types of resources. Writing through several drafting steps. Finished writing is revised/edited to meet university-level standards of persuasiveness, precision, and correctness. Sulit, Marie-Therese Cecilia, 4 cr

*Extended Term Correspondence*

16465	B04, 09/15/03-06/15/04
16466	C04, 10/15/03-07/15/04
16467	D04, 11/15/03-08/15/04
16468	E04, 12/15/03-09/15/04

### EngC 3027W Advanced Expository Writing

*(prereq Completion of freshman writing req; meets CLE req of Writing Intensive)*

Incorporating narrative, descriptive, analytical, persuasive techniques into writing on general topics. Effective argumentation through critical reading, use of library resources, awareness of context/audience. Herzan, Sandra Kay, 4 cr

*Extended Term Correspondence*

16469	B02, 09/15/03-06/15/04
16470	C02, 10/15/03-07/15/04
16471	D02, 11/15/03-08/15/04
16472	E02, 12/15/03-09/15/04

## Financial Aid for IDL Courses

**Term-based telecommunications (online section A):** No restrictions for financial aid.

**Extended term (sections B, C, D, and E, both correspondence and telecommunications):**

U of M, Twin Cities, Office of Student Finance-administered programs are *not applicable* to this type of registration. **Other types of aid** may be available; contact your financial aid program.

## ENGLISH: CREATIVE WRITING (ENGW)

College of Liberal Arts

### EngW 3102 Intermediate Fiction Writing

*(prereq 1101 or 1102 or dept consent)*

The craft of writing the short story by writing, reading, and listening. Exercises, experiments, assigned readings. Daniel, Judith A, 3 cr

*Extended Term Correspondence*

16509	B03, 09/15/03-06/15/04
16510	C03, 10/15/03-07/15/04
16511	D03, 11/15/03-08/15/04
16512	E03, 12/15/03-09/15/04

### EngW 3104 Intermediate Poetry Writing

*(prereq 1101 or 1103 or dept consent)*

Exercises, experiments, assigned readings. Carrillo, Albino, 3 cr

*Extended Term Correspondence*

16513	B02, 09/15/03-06/15/04
16514	C02, 10/15/03-07/15/04
16515	D02, 11/15/03-08/15/04
16516	E02, 12/15/03-09/15/04

### EngW 3110 Topics in Creative Writing: Journaling into Fiction

*(max crs 9; 3 repeats allowed; prereq 1101 or 1102 or 1103 or 1104 or dept consent)*

Exploration of the links between private and public writing, the ways private journaling may be turned into fiction. Daniel, Judith A, 3 cr

*Extended Term Correspondence*

16942	B03, 09/15/03-06/15/04
16943	C03, 10/15/03-07/15/04
16944	D03, 11/15/03-08/15/04
16945	E03, 12/15/03-09/15/04

### EngW 5202 Journal and Memoir Writing

Using memory in writing, from brainstorming to drafting to revision, in several genres (poems, traditional memoir essays, fiction). How diverse cultures shape memory differently. Galt, Margot Kriel, 3 cr

*Extended Term Correspondence*

17054	B04, 09/15/03-06/15/04
17055	C04, 10/15/03-07/15/04
17056	D04, 11/15/03-08/15/04
17057	E04, 12/15/03-09/15/04

### EngW 5606 Literary Aspects of Journalism

*A-F only; (Credit will not be granted if credit has been received for: JOUR 5606W)*

Literary aspects of journalism as exemplified in and influenced by works of English/American writers past/present. Roberts, Nancy Lee, 3 cr

*Extended Term Correspondence*

17172	B01, 09/15/03-06/15/04
17173	C01, 10/15/03-07/15/04
17174	D01, 11/15/03-08/15/04
17175	E01, 12/15/03-09/15/04

**ENGLISH: LITERATURE (ENGL)**

**College of Liberal Arts**

**EngL 1201W Introduction to American Literature**

*(Credit will not be granted if credit has been received for: ENGL 1201V; meets CLE req of Cultural Diversity Theme; meets CLE req of Literature Core; meets CLE req of Writing Intensive)*

Chronologically/thematically based readings from American literature. Approaches to literary analysis/criticism. Social/historical contexts of authorship/reading, literary artistry/conventions. Writing. Roll-Kuhne, Amanda Shelley, 4 cr

*Extended Term Correspondence*

- 16473 B01, 09/15/03-06/15/04
- 16474 C01, 10/15/03-07/15/04
- 16475 D01, 11/15/03-08/15/04
- 16476 E01, 12/15/03-09/15/04

**EngL 3001W Textual Interpretation, Analysis, and Investigation**

*(Credit will not be granted if credit has been received for: ENGL 3001V; meets CLE req of Writing Intensive)*

Training/practice in analysis of various literary forms. Emphasizes poetry. Use of argument, evidence, and documentation in literary papers. Introduction to major developments in contemporary criticism. Johnson Elizabeth M, 4 cr

*Extended Term Correspondence*

- 16481 B01, 09/15/03-06/15/04
- 16482 C01, 10/15/03-07/15/04
- 16483 D01, 11/15/03-08/15/04
- 16484 E01, 12/15/03-09/15/04

**EngL 3003W Historical Survey of British Literatures I**

*(meets CLE req of Historical Perspective Core; meets CLE req of Writing Intensive)*

An introductory historical survey of British literature and culture from the Anglo-Saxon invasions through the end of the 18th century. McNaron, Toni A, 4 cr

*Extended Term Correspondence*

- 20171 B01, 09/15/03-06/15/04
- 20172 C01, 10/15/03-07/15/04
- 20173 D01, 11/15/03-08/15/04
- 20174 E01, 12/15/03-09/15/04

**EngL 3004W Historical Survey of British Literatures II**

*(meets CLE req of Historical Perspective Core; meets CLE req of Writing Intensive)*

An introductory historical survey of British literature and culture in the 19th and 20th centuries. Includes Romantic, Victorian, and Modernist authors, such as Wordsworth, Keats, Tennyson, the Brontes, Austen, Dickens, Wilde, Yeats, Woolf, and Thomas. McNaron, Toni A, 4 cr

*Extended Term Correspondence*

- 20175 B01, 09/15/03-06/15/04
- 20176 C01, 10/15/03-07/15/04
- 20177 D01, 11/15/03-08/15/04
- 20178 E01, 12/15/03-09/15/04

**EngL 3005W Survey of American Literatures and Cultures I**

*(meets CLE req of Cultural Diversity Theme; meets CLE req of Literature Core; meets CLE req of Writing Intensive)*

Readings in American literature from first European contact through colonial times, and to the mid-19th century. Readings in several genres will include world-famous classics as well as the work of people of color and women. Attention to historical contexts. McNaron, Toni A, 4 cr

*Print course with related Web site. Internet access recommended.*

*Extended Term Correspondence*

- 16485 B01, 09/15/03-06/15/04
- 16486 C01, 10/15/03-07/15/04
- 16487 D01, 11/15/03-08/15/04
- 16488 E01, 12/15/03-09/15/04

**EngL 3006W Survey of American Literatures and Cultures II**

*(meets CLE req of Cultural Diversity Theme; meets CLE req of Literature Core; meets CLE req of Writing Intensive)*

Readings from the mid-19th to the mid-20th century; including the realists' and regionalists' response to the growth of industrial capitalism, Modernism in the 1920s, and the issues that united and divided the country throughout the 20th century. McNaron, Toni A, 4 cr

*Print course with related Web site. Internet access recommended.*

*Extended Term Correspondence*

- 16894 B02, 09/15/03-06/15/04
- 16895 C02, 10/15/03-07/15/04
- 16896 D02, 11/15/03-08/15/04
- 16897 E02, 12/15/03-09/15/04

**EngL 3007 Shakespeare**

*A-F only; (prereq Engl [major or minor or pre-major] or instr consent)*

Plays from all of Shakespeare's periods, including at least A Midsummer Night's Dream, Hamlet, the history plays, King Lear, Macbeth, The Tempest, Twelfth Night, Antony and Cleopatra, Othello, and The Winter's Tale. Shaw, Richard Ormond, 3 cr

*Print course with related Web site. Internet access recommended.*

*Extended Term Correspondence*

- 16489 B01, 09/15/03-06/15/04
- 16490 C01, 10/15/03-07/15/04
- 16491 D01, 11/15/03-08/15/04
- 16492 E01, 12/15/03-09/15/04

**EngL 3020 Studies in Narrative: Science Fiction and Fantasy**

*(max crs 9; 3 repeats allowed)*

Examine issues related to reading and understanding narrative in a variety of interpretive contexts. Hodgell, Patricia C, 3 cr

*Extended Term Correspondence*

- 16947 B01, 09/15/03-06/15/04
- 16948 C01, 10/15/03-07/15/04
- 16949 D02, 11/15/03-08/15/04
- 16950 E02, 12/15/03-09/15/04

**EngL 3350 Women Writers: Modern Women Writers**

*(max crs 9; 3 repeats allowed)*

Groups of writers in the 19th and/or 20th centuries. Will focus either on writers from a single country or be comparative in nature. The course will be organized thematically or according to topics of contemporary and theoretical interest. Poulakis, Victoria S, 3 cr

*Extended Term Correspondence*

- 16951 B01, 09/15/03-06/15/04
- 16952 C01, 10/15/03-07/15/04
- 16953 D01, 11/15/03-08/15/04
- 16954 E01, 12/15/03-09/15/04

**EngL 3350 Women Writers: Nineteenth Century Fiction**

*(max crs 9; 3 repeats allowed)*

Groups of writers in the 19th and/or 20th centuries. Will focus either on writers from a single country or be comparative in nature. The course will be organized thematically or according to topics of contemporary and theoretical interest. Poulakis, Victoria S, 3 cr

*Extended Term Correspondence*

- 16955 B10, 09/15/03-06/15/04
- 16956 C10, 10/15/03-07/15/04
- 16957 D10, 11/15/03-08/15/04
- 16958 E10, 12/15/03-09/15/04

**EngL 5711 Introduction to Editing**

*(credit will not be granted if credit received for: 5401)*

Beginning editing, from the nature of the editor-writer relationship to manuscript reading, author querying, rewriting, and style. Some discussion of copy editing. Students develop editing skills by working on varied writing samples. Zuckerman, Jeffrey Jay, 4 cr

*Use of e-mail and word processing strongly recommended.*

*Extended Term Correspondence*

- 16517 B02, 09/15/03-06/15/04
- 16518 C02, 10/15/03-07/15/04
- 16519 D02, 11/15/03-08/15/04
- 16520 E02, 12/15/03-09/15/04

**Also see GC 1365W, Literatures of the United States; GC 1371, Reading Short Stories; GC 1816, African-American Literature; and GC 1836, Asian-American Literature.**

**FAMILY SOCIAL SCIENCE (FSOS)**

**College of Human Ecology**

**FSoS 3101 Personal and Family Finances**

*(prereq Soph or instr consent)*

Analysis of personal and family financial management principles. Financial planning of savings, investments, credit, mortgages, and taxation; life, disability, health, and property insurance; public/private pensions. Estate planning. Hogan, M Janice, 3 cr

*Registration closes one week before term starts; instructor permission required after then. For computer requirements see [webct.umn.edu](http://webct.umn.edu) and click on Browser Set Up.*

**ONLINE COURSE**

*Term Based Telecommunications*

- 30028 A31, 09/02/03-12/12/03

**FSoS 4101 Sexuality and Gender in Families and Close Relationships**

*(prereq 3102 or instr consent)*

Human ecology/development as frameworks for examining sexuality in close relationships. Diversity of sexual beliefs, attitudes, behaviors within differing social contexts. Using scientific knowledge to promote sexual health among individuals, couples, families through various life stages. Engel, John W, 3 cr

*Extended Term Correspondence*

- 16539 B01, 09/15/03-06/15/04
- 16540 C01, 10/15/03-07/15/04
- 16541 D01, 11/15/03-08/15/04
- 16542 E01, 12/15/03-09/15/04

**FINANCE (FINA)**

**Curtis L. Carlson School of Management**

**Fina 3001 Finance Fundamentals**

*A-F only; (Credit will not be granted if credit has been received for: APEC 3501, FINA 3000; prereq Acct 2050, OMS 1550, 60 cr)*

Comprehensive introduction to financial management principles. Money/capital markets, risk/return/valuation triad, capital budgeting basics. Capital structure, financial leverage. Cost of capital, financial performance measures, dividend policy, working capital management, international financial management/derivatives. Reik, John Willard, 3 cr

*Students admitted to School of Management majors may not take the IDL version of Fina 3001.*

*Extended Term Correspondence*

- 30051 B03, 09/15/03-06/15/04
- 30052 C03, 10/15/03-07/15/04
- 30053 D03, 11/15/03-08/15/04
- 30054 E03, 12/15/03-09/15/04

*see also...*  
**these noncredit course listings**

**Continuing Professional Education**  
 • *Business Management Programs,*  
 page 150

**FINNISH (FIN)**

**College of Liberal Arts**

**Fin 1001 Beginning Finnish I**

*(Credit will not be granted if credit has been received for: FIN 4001)*

Emphasis on working toward novice-intermediate low proficiency in all four language modalities (listening, reading, speaking, writing). Topics include everyday subjects (shopping, directions, family, food, housing, etc.). Sinks, Tuulikki I, 5 cr

*Extended Term Correspondence*

- 16525 B02, 09/15/03-06/15/04
- 16526 C02, 10/15/03-07/15/04
- 16527 D02, 11/15/03-08/15/04
- 16528 E02, 12/15/03-09/15/04

**Fin 1002 Beginning Finnish II**

*(Credit will not be granted if credit has been received for: FIN 4002; prereq 1001)*

Continues the presentation of all four language modalities (listening, reading, speaking, writing), with a proficiency emphasis. Topics include free-time activities, careers, and the Finnish culture. Sinks, Tuulikki I, 5 cr

*Extended Term Correspondence*

- 16899 B02, 09/15/03-06/15/04
- 16900 C02, 10/15/03-07/15/04
- 16901 D02, 11/15/03-08/15/04
- 16902 E02, 12/15/03-09/15/04

**FOOD SCIENCE AND NUTRITION (FSCN)**

**College of Agricultural, Food, & Envrn Sciences**

**FScN 1112 Principles of Nutrition**

*(prereq High school biology, chemistry; meets CLE req of Environment Theme)*

Fundamental concepts, nutrient functions, human nutritional requirements, food sources, evaluating nutrition information, food safety, and role of nutrition in chronic diseases, nutrition policy, and the environment. Hanson, Madge Nathe, 3 cr

*Extended Term Correspondence*

- 16521 B03, 09/15/03-06/15/04
- 16522 C03, 10/15/03-07/15/04
- 16523 D03, 11/15/03-08/15/04
- 16524 E03, 12/15/03-09/15/04

**FRENCH (FREN)**

**College of Liberal Arts**

**Fren 0001 Reading French in the Arts and Sciences**

*S-N only*

Basic reading knowledge of French language; intensive reading and translation of texts from a wide variety of disciplines. Students successfully completing the course obtain Language Certification in French, which satisfies a Graduate School requirement. Brewer, Daniel, 0 cr

*In lieu of tuition, students will be billed a course fee in addition to the IDL fee.*

- Extended Term Correspondence*
- 30055 B03, 09/15/03-06/15/04
  - 30056 C03, 10/15/03-07/15/04
  - 30057 D03, 11/15/03-08/15/04
  - 30058 E03, 12/15/03-09/15/04

**Fren 1001 Beginning French I**

Basic listening, speaking, reading, and writing skills. Emphasis on communicative competence. Some cultural readings. Estrem, Mary Elaine, 5 cr

*Extended Term Correspondence*

- 16531 B02, 09/15/03-06/15/04
- 16532 C02, 10/15/03-07/15/04
- 16533 D02, 11/15/03-08/15/04
- 16534 E02, 12/15/03-09/15/04

**Fren 1002 Beginning French II**

*(prereq 1001 or equiv)*

Basic listening, speaking, reading, and writing skills. Emphasis on communicative competence. Some cultural readings. Estrem, Mary Elaine, 5 cr

*Extended Term Correspondence*

- 16535 B02, 09/15/03-06/15/04
- 16536 C02, 10/15/03-07/15/04
- 16537 D02, 11/15/03-08/15/04
- 16538 E02, 12/15/03-09/15/04

**GENERAL COLLEGE (GC)**

**General College**

**GC 0721 Introductory Algebra**

*(prereq GC math placement; credit will not be granted if credit received for: 0616, 0617, 0621, 0712, 0713, 0716, 0717, 0722, 1435)*

Covers content of a first course in algebra at level of difficulty geared for students at a research university. Real number operations, expressions, equations, inequalities, rectangular (x-y) graphs, linear systems, word problems, exponents, polynomials, factoring. Robertson, Douglas Frederick, 0 cr

*Tuition equivalent to 4 credits.*

*Extended Term Correspondence*

- 16576 B01, 09/15/03-06/15/04
- 16577 C01, 10/15/03-07/15/04
- 16578 D01, 11/15/03-08/15/04
- 16579 E01, 12/15/03-09/15/04

**GC 0731 Intermediate Algebra**

*(prereq grade of at least C in 0713 or 0717 or 0721 or 0722) or GC math placement; credit will not be granted if credit received for: 0618, 0625, 0631, 0732, 1443, 1444, 1445, 1446)*

Covers content of a second course in algebra at level of difficulty geared for students at a research university. Rational expressions, absolute value, roots, radicals, quadratic, exponential and logarithmic functions, complex numbers. Kinney, Donald Patrick, 0 cr

*Tuition equivalent to 4 credits.*

*Extended Term Correspondence*

- 16584 B02, 09/15/03-06/15/04
- 16585 C02, 10/15/03-07/15/04
- 16586 D02, 11/15/03-08/15/04
- 16587 E02, 12/15/03-09/15/04

*Because it is completely self-directed, a distance learning course requires more discipline than a traditional course. But for committed students, IDL is a great alternative.*

**Micah Swafford**

*IDL Participant*

**GC 1161 Solar System Astronomy**

*(prereq UC)*

Planets, satellites, asteroids, comets, and meteoroids. The celestial sphere, coordinate systems, time intervals, motions, and physical attributes of planets and of their satellites. Instruments used by astronomers and by space probes. Policoff, Ivan, 4 cr

*Extended Term Correspondence*

- 16805 B03, 09/15/03-06/15/04
- 16806 C03, 10/15/03-07/15/04
- 16807 D03, 11/15/03-08/15/04
- 16808 E03, 12/15/03-09/15/04

**GC 1162 Stellar Astronomy**

*(prereq UC)*

Large-scale structure of universe. Definition of magnitude, luminosity, brightness, distance, temperature, size. Sun, spectral classification of stars, white dwarfs, neutron stars, black holes, clusters, nebulae, galaxies, quasars, cosmology, and cosmogony. Policoff, Ivan, 4 cr

*Optional use of CD software.*

*Extended Term Correspondence*

- 16809 B04, 09/15/03-06/15/04
- 16810 C04, 10/15/03-07/15/04
- 16811 D04, 11/15/03-08/15/04
- 16812 E05, 12/15/03-09/15/04

**GC 1166 Principles of Chemistry**

*(prereq 0713 or 0721 or equiv)*

Problem-solving. Classification of matter, elements, atomic/molecular structure, compounds, mole calculations, chemical bonding, empirical formulas, chemical reactions, stoichiometry, bond energy, enthalpy, gases/gas laws, solution concentrations, acids, bases, qualitative equilibrium. Uthe, Richard E, 3 cr

*No laboratory component.*

*Extended Term Correspondence*

- 16543 B03, 09/15/03-06/15/04
- 16544 C03, 10/15/03-07/15/04
- 16545 D03, 11/15/03-08/15/04
- 16546 E03, 12/15/03-09/15/04

**Detailed Information about IDL Courses**

Get detailed information about course textbooks/materials, lessons, submissions, exams, papers, etc., **online** by visiting [www.cce.umn.edu/idl](http://www.cce.umn.edu/idl), clicking on "courses" and using the "Search IDL courses" boxes. For a **paper copy** of this same information, call, write, or e-mail CCE Student Support Services: see inside cover.

**GC 1235W Law in Society**

(prereq BC; meets CLE req of Citizenship/Publ Ethics Theme; meets CLE req of Social Science Core; meets CLE req of Writing Intensive)

How social science concepts/research affect legal responses to social conflict. History/philosophy of American law. Interaction of social/legal institutions. Effect of beliefs/social conditions, laws addressing family, criminal, employment, and environmental controversies. Kahn, Peter T, 4 cr

*Extended Term Correspondence*

16547	B04, 09/15/03-06/15/04
16548	C04, 10/15/03-07/15/04
16549	D04, 11/15/03-08/15/04
16550	E04, 12/15/03-09/15/04

**GC 1365W Literatures of the United States**

(prereq BC; meets CLE req of Cultural Diversity Theme; meets CLE req of Literature Core; meets CLE req of Writing Intensive)

Stories, poetry, essays, and drama by diverse U.S. writers (mid-19th century to present) depicting conflicts/challenges of life in various stratas of American culture. Addresses multicultural aspect of the "American story." Gidmark, Jill Barnum, 3 cr

*Internet access strongly recommended.*

*Extended Term Correspondence*

16551	B06, 09/15/03-06/15/04
16552	C06, 10/15/03-07/15/04
16553	D06, 11/15/03-08/15/04
16554	E06, 12/15/03-09/15/04

**GC 1371 Reading Short Stories**

(prereq BC; meets CLE req of Cultural Diversity Theme; meets CLE req of Literature Core)

Current short story format from diverse communities within North America, Africa, the Caribbean, and Europe. Emphasizes written literature inspired by oral "story-telling," storytelling as "theatre," and storytelling as communal endeavor. Howell, M Christine, 3 cr

*Extended Term Correspondence*

16793	B05, 09/15/03-06/15/04
16794	C05, 10/15/03-07/15/04
16795	D05, 11/15/03-08/15/04
16796	E05, 12/15/03-09/15/04

**GC 1454 Statistics**

(prereq Grade of at least C in 0731 or equiv; credit will not be granted if credit received for: STAT 1001; meets CLE req of Mathematical Thinking Core)

Problem solving and decision making through collection, analysis, and interpretation of data. Organization/presentation of data, summary statistics, sampling, probability, distributions, estimation, correlation, hypothesis testing, contingency tables, chi-square. delMas, Robert Claude, 4 cr

*Extended Term Correspondence*

16555	B06, 09/15/03-06/15/04
16556	C06, 10/15/03-07/15/04
16557	D06, 11/15/03-08/15/04
16558	E06, 12/15/03-09/15/04

**GC 1511 Introduction to Business and Society**

(prereq BC; meets CLE req of Social Science Core)

Role of business in economic/social life of the United States. Symbiotic relationship between business activity and broader aspects of society. Environmentalism, consumerism, cultural diversity, economic systems, ethics, management, marketing, accounting/finance, legal issues. Kroll, Patrick A, 4 cr

*Extended Term Correspondence*

16559	B04, 09/15/03-06/15/04
16560	C04, 10/15/03-07/15/04
16561	D04, 11/15/03-08/15/04
16562	E04, 12/15/03-09/15/04

**GC 1513 Principles of Small Business Operations**

(prereq TC)

Fundamentals of starting up, purchasing, owning, and operating a small business. Researching business opportunities. Assessing competition. Seeking financing. Organizing/planning internal matters. Developing operating strategies. Kroll, Patrick A, 3 cr

*Extended Term Correspondence*

16563	B07, 09/15/03-06/15/04
16564	C07, 10/15/03-07/15/04
16565	D07, 11/15/03-08/15/04
16566	E07, 12/15/03-09/15/04

**GC 1540 Accounting Fundamentals I**

(prereq TC)

Making accounting entries from business transactions in journals. Posting to ledger accounts. Completing accounting cycle. Preparing/interpreting financial statements. Kroll, Patrick A, 3 cr

*Extended Term Correspondence*

16813	B06, 09/15/03-06/15/04
16814	C06, 10/15/03-07/15/04
16815	D06, 11/15/03-08/15/04
16816	E07, 12/15/03-09/15/04

**GC 1571 Introduction to Microcomputer Applications**

(prereq 0713 or 0717 or 0721 or 0722 or equiv; credit cannot be granted if credit has already been received for: 1573 or 1574)

Hands-on course. Basic concepts. Word processing (edit/format text, tables, footnotes, headers, footers, mail merge, styles). Spreadsheets (data entry, format cells/worksheets, formulas, decision making using IF/THEN/ELSE, lookup tables, graphs). Robertson, Douglas Frederick, 4 cr

*Requires computer with printer and CD-ROM drive.*

*Platform and software: PC with Word 2000 and Excel 2000, or Mac with Word 98 or 2001 and Excel 98 or 2001.*

*Extended Term Telecommunications*

16938	B03, 09/15/03-06/15/04
16939	C03, 10/15/03-07/15/04
16940	D03, 11/15/03-08/15/04
16941	E03, 12/15/03-09/15/04

**GC 1816 African-American Literature**

(prereq BC; meets CLE req of Cultural Diversity Theme; meets CLE req of Literature Core)

Short stories, novels, poetry, and drama by African American writers evaluated in context of internationalization. Interconnection between literature of African Americans in the United States and other international writers of African descent. Gidmark, Jill Barnum, 3 cr

*Extended Term Correspondence*

16567	B03, 09/15/03-06/15/04
16568	C03, 10/15/03-07/15/04
16569	D03, 11/15/03-08/15/04
16570	E03, 12/15/03-09/15/04

**GC 1836 Asian-American Literature**

(prereq BC; meets CLE req of Cultural Diversity Theme; meets CLE req of Literature Core)

Historical/contemporary prose, poetry, and drama analyzed to assess writers' interpretations of their identity. Issues of generational conflict/peer pressure. Gidmark, Jill Barnum, 3 cr

*Extended Term Correspondence*

16817	B02, 09/15/03-06/15/04
16818	C02, 10/15/03-07/15/04
16819	D03, 11/15/03-08/15/04
16820	E03, 12/15/03-09/15/04

**GENETICS, CELL BIOLOGY AND DEVELOPMENT (GCD)****College of Biological Sciences****GCD 3022 Genetics**

(Credit will not be granted if credit has been received for: BIOL 4003, BIOL 1101W; prereq Biol 1002 or 1009; not for biology majors)

Mechanisms of heredity, their implications for biological populations, and applications to practical problems.

Brooker, Robert James, 3 cr

*Extended Term Correspondence*

16571	B02, 09/15/03-06/15/04
16572	C02, 10/15/03-07/15/04
16573	D02, 11/15/03-08/15/04
16574	E02, 12/15/03-09/15/04

**GEOLOGY AND GEOPHYSICS (GEO)****Institute of Technology****Geo 1101 Introduction to Geology**

(Credit will not be granted if credit has been received for: GEO 1001, GEO 5001, GEO 2111H; meets CLE req of Environment Theme)

Physical processes that shape the Earth: volcanoes, earthquakes, plate tectonics, glaciers, and rivers. In this course students gain a better understanding of our planet in the context of current environmental issues and global change. Kirky, Kent Charles, 3 cr

*No laboratory component.*

*Extended Term Correspondence*

16922	B01, 09/15/03-06/15/04
16923	C02, 10/15/03-07/15/04
16924	D02, 11/15/03-08/15/04
16925	E02, 12/15/03-09/15/04

**Geo 1102 Introduction to Earth History**

(Credit will not be granted if credit has been received for: GEO 1002, GEO 5002; meets CLE req of Environment Theme)

Evolution of life on Earth. Interrelationships of plate tectonism, climate change, and organic evolution that led to the present ecosystem. Impacts of hominid evolution on Earth systems and of geological processes on human society. Kirky, Kent Charles, 3 cr

*No laboratory component.*

*Extended Term Correspondence*

16926	B01, 09/15/03-06/15/04
16927	C01, 10/15/03-07/15/04
16928	D01, 11/15/03-08/15/04
16929	E01, 12/15/03-09/15/04

**GERMAN (GER)****College of Liberal Arts****Ger 1001 Beginning German I**

Emphasis on working toward novice-intermediate low proficiency in all four language modalities (listening, reading, speaking, writing). Topics include everyday subjects (shopping, directions, family, food, housing, etc.). Steinhausen, Virginia I, 5 cr

*For computer requirements see webct.umn.edu and click on Browser Set Up. Requires sound.*

**ONLINE COURSE**

*Extended Term Telecommunications*

16608	B03, 09/15/03-06/15/04
16609	C03, 10/15/03-07/15/04
16610	D03, 11/15/03-08/15/04
16611	E03, 12/15/03-09/15/04

## Financial Aid for IDL Courses

**Term-based telecommunications (online section A):** No restrictions for financial aid.

**Extended term (sections B, C, D, and E, both correspondence and telecommunications):**

U of M, Twin Cities, Office of Student Finance-administered programs are *not applicable* to this type of registration. **Other types of aid** may be available; contact your financial aid program.

### Ger 1002 Beginning German II

(*prereq 1001*)

Continues the presentation of all four language modalities (listening, reading, speaking, writing), with a proficiency emphasis. Topics included free-time activities, careers, and the culture of the German-speaking areas. Steinhagen, Virginia I, 5 cr

*Requires Internet access for course exercises.*

*Extended Term Correspondence*

16612	B02, 09/15/03-06/15/04
16613	C02, 10/15/03-07/15/04
16614	D02, 11/15/03-08/15/04
16615	E02, 12/15/03-09/15/04

## HISTORY (HIST)

### College of Liberal Arts

#### Hist 1011W World History

(*Credit will not be granted if credit has been received for: HIST 1017, HIST 1011V; meets CLE req of Historical Perspective Core; meets CLE req of International Perspect Theme; meets CLE req of Writing Intensive*)

World civilizations from prehistory to 1550, comparing religion, politics, economy, society, and culture. Examples drawn from Africa, Europe, Asia, and the Americas. Ragnow, Marguerite, 4 cr

*Extended Term Correspondence*

16821	B03, 09/15/03-06/15/04
16822	C03, 10/15/03-07/15/04
16823	D03, 11/15/03-08/15/04
16824	E03, 12/15/03-09/15/04

#### Hist 1012W World History: The Age of Global Contact

(*Credit will not be granted if credit has been received for: HIST 1018, HIST 1012V; meets CLE req of Historical Perspective Core; meets CLE req of International Perspect Theme; meets CLE req of Writing Intensive*)

Case study approach to world history from 1450 to 1920s. Comparisons of and connections among various cultures. Emphasis on analyzing primary documents to show how historical knowledge is produced. Mazis, John Athanasios, 4 cr

*Extended Term Correspondence*

16758	B02, 09/15/03-06/15/04
16759	C02, 10/15/03-07/15/04
16760	D02, 11/15/03-08/15/04
16761	E02, 12/15/03-09/15/04

#### Hist 1301W U.S. History to 1880

(*Credit will not be granted if credit has been received for: HIST 1301V, HIST 1307; meets CLE req of Cultural Diversity Theme; meets CLE req of Historical Perspective Core; meets CLE req of Writing Intensive*)

America to 1880. Ronnander, Carrie Margaret, 4 cr

*Students rent the video "Glory" on their own.*

*Extended Term Correspondence*

16767	B03, 09/15/03-06/15/04
16768	C04, 10/15/03-07/15/04
16769	D04, 11/15/03-08/15/04
16770	E04, 12/15/03-09/15/04

#### Hist 1302W U.S. History: 1880 to Present

(*Credit will not be granted if credit has been received for: HIST 1308, HIST 1302V; meets CLE req of Cultural Diversity Theme; meets CLE req of Historical Perspective Core; meets CLE req of Writing Intensive*)

Modern America from 1880 to the present. Woodard, David E, 4 cr

*Extended Term Correspondence*

20661	B07, 09/15/03-06/15/04
20663	C07, 10/15/03-07/15/04
20664	D07, 11/15/03-08/15/04
20665	E07, 12/15/03-09/15/04

#### Hist 3812 The Civil War and Reconstruction

United States from 1848 to 1877. Causes of sectional crisis; Southern secession; Lincoln and emancipation; military history; impact of war North and South; Reconstruction efforts to change the Southern life and transform the status of African Americans. Woodard, David E, 3 cr

*Includes the PBS video series, "The Civil War."*

*Extended Term Correspondence*

16825	B06, 09/15/03-06/15/04
16826	C06, 10/15/03-07/15/04
16827	D06, 11/15/03-08/15/04
16828	E06, 12/15/03-09/15/04

#### Hist 3822 United States in the 20th Century Since 1945

(*meets CLE req of Historical Perspective Core*)

American politics and society in the postwar era, the diplomacy of the Cold War, the civil rights movement, the Vietnam War, cultural clashes in the 1960s, Watergate, the conservative resurgence, and the end of the Cold War. Woodard, David E, 3 cr

*Extended Term Correspondence*

16801	B04, 09/15/03-06/15/04
16802	C04, 10/15/03-07/15/04
16803	D04, 11/15/03-08/15/04
16804	E04, 12/15/03-09/15/04

#### Hist 3871 American Indian History: Pre-Contact to 1830

(*Credit will not be granted if credit has been received for: AMIN 3871; meets CLE req of Cultural Diversity Theme; meets CLE req of Historical Perspective Core*)

Introduction to American Indian history from ancient native America to the removal era. Focuses on the social, cultural, political, and economic diversity of Native American peoples and Native American experiences with European colonialism. Jarvis, Brad Devin, 4 cr

*Extended Term Correspondence*

16616	B02, 09/15/03-06/15/04
16617	C02, 10/15/03-07/15/04
16618	D02, 11/15/03-08/15/04
16619	E02, 12/15/03-09/15/04

#### Hist 3872 American Indian History: 1830 to the Present

(*Credit will not be granted if credit has been received for: AMIN 3872; meets CLE req of Cultural Diversity Theme; meets CLE req of Historical Perspective Core*)

Focus on the impact of federal Indian policy on American Indian cultures and societies, and on American Indian culture change. Jarvis, Brad Devin, 4 cr

*Extended Term Correspondence*

16829	B02, 09/15/03-06/15/04
16830	C02, 10/15/03-07/15/04
16831	D02, 11/15/03-08/15/04
16832	E02, 12/15/03-09/15/04

#### Hist 3881 History of American Foreign Relations to 1914

(*meets CLE req of International Perspect Theme*)

American involvement in world affairs from 1760-1914, including political, economic, social, and cultural relations by individuals, groups, governmental, and nongovernmental agencies focusing on nation building, creation of

continental and commercial empires, hemispheric hegemony, cultural expansion, and wartime diplomacy. Pilz, Jeffrey J, 3 cr

*Extended Term Correspondence*

21668	B01, 09/15/03-06/15/04
21669	C01, 10/15/03-07/15/04
21670	D01, 11/15/03-08/15/04
21671	E01, 12/15/03-09/15/04

#### Hist 3882 History of American Foreign Relations: 1914 to Present

(*meets CLE req of International Perspect Theme*)

American involvement in world affairs 1914 to present. Political, economic, social, and cultural activities by individuals, groups, and governmental and nongovernmental agencies, participation in international organizations, commercial and cultural imperialism, and war and Cold War diplomacy. Pilz, Jeffrey J, 3 cr

*Extended Term Correspondence*

23486	B01, 09/15/03-06/15/04
23487	C01, 10/15/03-07/15/04
23488	D01, 11/15/03-08/15/04
23489	E01, 12/15/03-09/15/04

## HUMANITIES (HUM)

### College of Liberal Arts

#### Hum 1004 Humanities in the West IV

(*Same as: HUM 3004; meets CLE req of International Perspect Theme; meets CLE req of Other Humanities Core*)

European civilization from 17th/18th centuries. Old Regime through French Revolution/ Napoleon, new science, Enlightenment, cult of sensibility, art, music. Integrative study of works by creative figures such as Cervantes, Descartes, Rembrandt, Bach, Pope, Voltaire, Rousseau, Goethe, Watteau, David, Goya, Mozart. Ouren, Dallas L, 4 cr

*Course is in preparation; please check with IDL before enrolling.*

*Extended Term Correspondence*

16620	B03, 09/15/03-06/15/04
16621	C03, 10/15/03-07/15/04
16622	D03, 11/15/03-08/15/04
16623	E03, 12/15/03-09/15/04

#### Hum 1005 Humanities in the West V

(*Same as: HUM 3005; meets CLE req of International Perspect Theme; meets CLE req of Other Humanities Core*)

Industrial Revolution, liberalism, socialism, romanticism. Impact of science, especially evolution theory, on religious/humanistic thought. Roots of existentialism: art, music. Wordsworth, Adam Smith, Marx, Dostoevsky, Delacroix, Courbet, Beethoven, Darwin, Nietzsche, Joyce, Monet, Wagner. Ouren, Dallas L, 4 cr

*Extended Term Correspondence*

16833	B01, 09/15/03-06/15/04
16834	C01, 10/15/03-07/15/04
16835	D01, 11/15/03-08/15/04
16836	E01, 12/15/03-09/15/04

#### Hum 3004 Humanities in the West IV

(*Same as: HUM 1004; meets CLE req of International Perspect Theme; meets CLE req of Other Humanities Core*)

European civilization from 17th/18th centuries. Old Regime through French Revolution/ Napoleon, new science, Enlightenment, cult of sensibility, art, music. Integrative study of works by creative figures such as Cervantes, Descartes, Rembrandt, Bach, Pope, Voltaire, Rousseau, Goethe, Watteau, David, Goya, Mozart. Ouren, Dallas L, 4 cr

*Course is in preparation; please check with IDL before enrolling*

*Extended Term Correspondence*

- 16624 B03, 09/15/03-06/15/04
- 16625 C03, 10/15/03-07/15/04
- 16626 D03, 11/15/03-08/15/04
- 16627 E03, 12/15/03-09/15/04

**Hum 3005 Humanities in the West V**

*(Same as: HUM 1005; meets CLE req of International Perspect Theme; meets CLE req of Other Humanities Core)*

Industrial Revolution, liberalism, socialism, romanticism. Impact of science, especially evolution theory, on religious/humanistic thought. Roots of existentialism: art, music. Wordsworth, Adam Smith, Marx, Dostoevsky, Delacroix, Courbet, Beethoven, Darwin, Nietzsche, Joyce, Monet, Wagner. Ouren, Dallas L, 4 cr

*Extended Term Correspondence*

- 19959 B01, 09/15/03-06/15/04
- 19960 C01, 10/15/03-07/15/04
- 19961 D01, 11/15/03-08/15/04
- 19962 E01, 12/15/03-09/15/04

**INFORMATION NETWORKING (INET)**

**College of Continuing Education**

**Inet 4051 IT Infrastructure Operations (Capstone)**

*A-F only; (prereq CSci 42II or one info networking course, sr)*

Network, server, and database operations, including infrastructure architecture, organizational structure, security, metrics, vendor relations, outsourcing, capacity planning, strategic planning, and budgeting. Case study. Victoria, Douglas D, 3 cr

*Registration closes one week before term starts. For computer requirements see webct.umn.edu and click on Browser Set Up.*

**ONLINE COURSE**

*Term Based Telecommunications*

- 30029 A31, 09/02/03-12/12/03

**JOURNALISM AND MASS COMMUNICATION (JOUR)**

**College of Liberal Arts**

**Jour 3007 The Media in American History and Law: Case Studies**

*A-F only; (prereq Non-jour major or jour major with course appr on prog plan or prejour with adviser approval; meets CLE req of Historical Perspective Core)*

Case-studies approach to focus on legal and ethical issues. Media in the socioeconomic-political-technological context of a specific historical period. Roberts, Nancy Lee, 3 cr

*Extended Term Correspondence*

- 16628 B02, 09/15/03-06/15/04
- 16629 C02, 10/15/03-07/15/04
- 16630 D02, 11/15/03-08/15/04
- 16631 E02, 12/15/03-09/15/04

**Jour 3173W Magazine Writing**

*A-F only; (prereq 3004W, 3101, jour major or approved IDIM major or ICP major or BIS major; meets CLE req of Writing Intensive)*

Writing feature articles for consumer and trade publications; study of market free-lance methods. Roberts, Nancy Lee, 3 cr

*The IDL version of Jour 3173 cannot be applied to the journalism major.*

*Extended Term Correspondence*

- 16632 B04, 09/15/03-06/15/04
- 16633 C04, 10/15/03-07/15/04
- 16634 D04, 11/15/03-08/15/04
- 16635 E04, 12/15/03-09/15/04

**Jour 5501 Communication and Public Opinion**

*A-F only; (prereq Non-jour major or jour major with course appr on prog plan or prejour with adviser approval)*

Theories of communication process and of persuasion and attitude change. Functions of interpersonal and mediated communication in diffusion of information and in opinion formation. Carter Jr, Roy E, 3 cr

*Use of e-mail is strongly recommended.*

*Extended Term Correspondence*

- 16640 B01, 09/15/03-06/15/04
- 16641 C01, 10/15/03-07/15/04
- 16642 D02, 11/15/03-08/15/04
- 16643 E02, 12/15/03-09/15/04

**Jour 5601W History of Journalism**

*A-F only; (prereq Jour major or jour minor or IDIM major or ICP major or BIS major; meets CLE req of Writing Intensive)*

Development of American newspapers/periodicals from beginnings in Europe to present day. Rise of radio/television. Relation of communications development to political, economic, social trends. Clepper, Irene, 3 cr

*Extended Term Correspondence*

- 16837 B05, 09/15/03-06/15/04
- 16838 C05, 10/15/03-07/15/04
- 16839 D05, 11/15/03-08/15/04
- 16840 E05, 12/15/03-09/15/04

**Jour 5606W Literary Aspects of Journalism**

*A-F only; (Credit will not be granted if credit has been received for: ENGW 5606; prereq Jour major or jour minor or IDIM major or ICP major or BIS major; meets CLE req of Writing Intensive)*

Literary aspects of journalism as exemplified in, and influenced by, works of English/American writers past/present. Roberts, Nancy Lee, 3 cr

*Extended Term Correspondence*

- 16644 B04, 09/15/03-06/15/04
- 16645 C04, 10/15/03-07/15/04
- 16646 D04, 11/15/03-08/15/04
- 16647 E04, 12/15/03-09/15/04

**LATIN (LAT)**

**College of Liberal Arts**

**Lat 1001 Beginning Latin I**

*(Credit will not be granted if credit has been received for: LAT 3111, LAT 1111H)*

Gradual mastery of Latin structure in order to attain reading knowledge; practice in oral reading and composition. Carozza, Jennifer A, 4 cr

*Extended Term Correspondence*

- 16648 B02, 09/15/03-06/15/04
- 16649 C02, 10/15/03-07/15/04
- 16650 D02, 11/15/03-08/15/04
- 16651 E02, 12/15/03-09/15/04

**Lat 1002 Beginning Latin II**

*(prereq 1001 or equiv)*

Continuing work on Latin grammar and syntax; graduated readings from Roman authors including Cicero, Catullus, and Roman comedy. Carozza, Jennifer A, 4 cr

*Extended Term Correspondence*

- 16841 B01, 09/15/03-06/15/04
- 16842 C01, 10/15/03-07/15/04
- 16843 D01, 11/15/03-08/15/04
- 16844 E01, 12/15/03-09/15/04

**MANAGEMENT (MGMT)**

**Curtis L. Carlson School of Management**

**Mgmt 3001 Fundamentals of Management**

*A-F only; (prereq 30 cr)*

General aspects/characteristics of organizations and their members. Why people/groups in organizations feel/ behave as they do. Processes/methods that improve behavior/attitudes/effectiveness of organizational members. Organizational member/manager skills. 3 cr

*Students admitted to School of Management majors may not take the IDL version of Mgmt 3001. For computer requirements see webct.umn.edu and click on Browser Set Up.*

**ONLINE COURSE**

*Extended Term Telecommunications*

- 30064 B06, 09/15/03-06/15/04
- 30065 C06, 10/15/03-07/15/04
- 30066 D06, 11/15/03-08/15/04
- 30067 E06, 12/15/03-09/15/04

**Also see GC 1235W, Law in Society; GC 1511, Introduction to Business and Society; and GC 1513, Principles of Small Business Operations.**

*see also...*  
*these noncredit course listings*  
**Continuing Professional Education**  
• *Business Management Programs,*  
page 150

**MANUFACTURING TECHNOLOGY (MT)**

**College of Continuing Education**

**MT 4012 Manufacturing Processes**

A description and modeling of many commonly used manufacturing processes. Covers process descriptions, process capabilities and performance, process models relating process parameters to part, and process characteristics and process control. Fundamental aspects of a large number of manufacturing processes offered by studying selected classes of different kinds of processes. 3 cr

*Registration closes one week before term starts. For computer requirements see webct.umn.edu and click on Browser Set Up.*

**ONLINE COURSE**

*Term Based Telecommunications*

- 30030 A31, 09/02/03-12/12/03

**MT 4201 Statistical Process Control**

Statistical quality control in manufacturing: cost of quality, hypothesis testing, control charts, other quality improvement methods, process capability, acceptance sampling methods, reliability, gauge capability studies. Includes design of experiments: factorial designs, introduction to Six Sigma concepts, computer analysis methods, blocking and randomization of experiment trials, impact of Taguchi methods. 3 cr

Registration closes one week before term starts. For computer requirements see [webct.umn.edu](http://webct.umn.edu) and click on Browser Set Up.

**ONLINE COURSE**

Term Based Telecommunications

30031 A31, 09/02/03-12/12/03

**MARKETING (MKTG)**

**Curtis L. Carlson School of Management**

**Mktg 3001 Principles of Marketing**

A-F only; (prereq Econ 1101, at least 60 cr)

Introduction to terms, concepts, and skills for analyzing marketing problems. Factors outside the organization affecting its product, pricing, promotion, and distribution decisions. Cases from actual organizations. 3 cr

Students admitted to School of Management majors may not take the IDL version of Mktg 3001. For computer requirements see [webct.umn.edu](http://webct.umn.edu) and click on Browser Set Up.

**ONLINE COURSE**

Extended Term Telecommunications

30068 B02, 09/15/03-06/15/04  
30069 C02, 10/15/03-07/15/04  
30070 D02, 11/15/03-08/15/04  
30071 E02, 12/15/03-09/15/04

**MATHEMATICS (MATH)**

**Institute of Technology**

**Math 1031 College Algebra and Probability**

(prereq 3 yrs high school math or grade of at least C- in GC 0731; credit will not be granted if credit received for: 1051, 1155; meets CLE req of Mathematical Thinking Core)

Algebra, analytic geometry explored in greater depth than is usually done in three years of high school mathematics. Additional topics from combinations, permutations, probability. Gupta, Shamlall, 3 cr

Extended Term Correspondence

22898 B01, 09/15/03-06/15/04  
22899 C01, 10/15/03-07/15/04  
22900 D01, 11/15/03-08/15/04  
22901 E01, 12/15/03-09/15/04

**Detailed Information about IDL Courses**

Get detailed information about course textbooks/materials, lessons, submissions, exams, papers, etc., online by visiting [www.cce.umn.edu/idl](http://www.cce.umn.edu/idl), clicking on "courses" and using the "Search IDL courses" boxes. For a paper copy of this same information, call, write, or e-mail CCE Student Support Services: see inside cover.

*Once the baby and I are up to it, we are moving to Sardinia, Italy, for our next job. As soon as I feel comfortable, I will continue with more [U of M] IDL courses."*

**Melissa Marban**

America's Cup sailing race team member

**Math 1142 Short Calculus**

(Credit will not be granted if credit has been received for: MATH 1271, MATH 1371, MATH 1571H, MATH 1281; prereq 3 1/2 yrs high school math or grade of at least C- in 1031 or 1051; meets CLE req of Mathematical Thinking Core)

Derivatives, integrals, differential equations, partial derivatives, maxima /minima of functions of several variables, Lagrange multipliers, applications. For students requiring calculus through multivariable calculus. No trigonometry included. Gupta, Shamlall, 4 cr

Extended Term Correspondence

16652 B04, 09/15/03-06/15/04  
16653 C04, 10/15/03-07/15/04  
16654 D04, 11/15/03-08/15/04  
16655 E04, 12/15/03-09/15/04

**Math 1155 Intensive Precalculus**

(Credit will not be granted if credit has been received for: MATH 1031; prereq 3 yrs high school math or placement exam or grade of at least C- in GC 0731; meets CLE req of Mathematical Thinking Core)

Algebra, analytic geometry, exponentials, logarithms, trigonometry, complex numbers, beyond usual coverage found in three-year high school mathematics program. Combined version of 1051-1151. Gupta, Shamlall, 5 cr

Extended Term Correspondence

16656 B01, 09/15/03-06/15/04  
16657 C01, 10/15/03-07/15/04  
16658 D01, 11/15/03-08/15/04  
16659 E01, 12/15/03-09/15/04

**Math 1271 Calculus I**

(Credit will not be granted if credit has been received for: MATH 1142, MATH 1371, MATH 1571H, MATH 1281; prereq 4 yrs high school math including trig or placement test or grade of at least C- in 1151 or 1155; meets CLE req of Mathematical Thinking Core)

Differential calculus of functions of a single variable. Introduction to integral calculus of a single variable, separable differential equations. Applications: max-min, related rates, area, volume, arc-length. Varadachari, V C, 4 cr

Extended Term Correspondence

16660 B01, 09/15/03-06/15/04  
16661 C01, 10/15/03-07/15/04  
16662 D01, 11/15/03-08/15/04  
16663 E01, 12/15/03-09/15/04

**Math 1272 Calculus II**

(Credit will not be granted if credit has been received for: MATH 1372, MATH 1572H, MATH 1252, MATH 1282; prereq 1271 or equiv with grade of at least C-)

Techniques of integration. Calculus involving transcendental functions, polar coordinates. Taylor polynomials, vectors/curves in space, cylindrical/spherical coordinates. Varadachari, V C, 4 cr

Extended Term Correspondence

16664 B01, 09/15/03-06/15/04  
16665 C01, 10/15/03-07/15/04  
16666 D01, 11/15/03-08/15/04  
16667 E01, 12/15/03-09/15/04

**Math 2243 Linear Algebra and Differential Equations**

(Credit will not be granted if credit has been received for: MATH 2373; prereq 1272 or 1282 or 1372 or 1572)

Linear algebra: basis, dimension, matrices, eigenvalues/eigenvectors. Differential equations: first-order linear, separable; second-order linear with constant coefficients; linear systems with constant coefficients. Varadachari, V C, 4 cr

Extended Term Correspondence

23107 B01, 09/15/03-06/15/04  
23108 C01, 10/15/03-07/15/04  
23109 D01, 11/15/03-08/15/04  
23110 E01, 12/15/03-09/15/04

**Math 2263 Multivariable Calculus**

(Credit will not be granted if credit has been received for: MATH 2373; MATH 2374, MATH 2573H, MATH 3251; prereq 1272 or 1372 or 1572)

Derivative as a linear map. Differential/integral calculus of functions of several variables, including change of coordinates using Jacobians. Line/surface integrals. Gauss, Green, Stokes theorems. Varadachari, V C, 4 cr

Extended Term Correspondence

18975 B01, 09/15/03-06/15/04  
18976 C01, 10/15/03-07/15/04  
18977 D01, 11/15/03-08/15/04  
18978 E01, 12/15/03-09/15/04

Also see GC 0721, Introductory Algebra; GC 0722, Introductory Algebra (Computer); GC 0731, Intermediate Algebra; and GC 0732, Intermediate Algebra (Computer).

**MECHANICAL ENGINEERING (ME)**

**Institute of Technology**

**ME 3322 Heat Transfer and Fluid Flow**

A-F Only; (prereq ME upper div, wood/paper sci, 3321)

Mechanisms of heat transfer: conduction, radiation, convection, phase change. Fluid flow: mass/momentum conservation laws, statics, inviscid model, Bernoulli's equation. Convection: external/internal flows, heat transfer coefficient, forced/natural convection, heat exchangers. Phase change: boiling/condensation. Kulacki, Francis A, 4 cr

Registration closes a week before term begins; instructor permission required after then. Requires advanced computer capability. Visit <http://www.cce.umn.edu/idl/me3322.html> for details about technical requirements.

**ONLINE COURSE**

Term Based Telecommunications

22878 A31, 09/02/03-12/12/03

**MUSIC (MUS)**

**College of Liberal Arts**

**Mus 1001 Fundamentals of Music**

(prereq For nonmusic majors; meets CLE req of Other Humanities Core)

Study of music notation and fundamental concepts underlying musical structure. Intervals, clefs, chords, scales, cadences, harmonic analysis; rhythm and meter. Emphasis on active participation: playing the piano, singing, clapping rhythms, aural perception. Damschroder, David A, 3 cr

Requires computer with CD-ROM drive and sound.

Extended Term Correspondence

16676 B04, 09/15/03-06/15/04  
16677 C04, 10/15/03-07/15/04  
16678 D04, 11/15/03-08/15/04  
16679 E04, 12/15/03-09/15/04

**Mus 3045 The Avant-Garde**

A-F only

You do not need to read music or have any prior experience in music to enjoy this stimulating introduction to recent music. The course centers on composers of the American musical avant-garde, ca. 1950-1970, including John Cage and Pauline Oliveros, in their sonic and social contexts. Attention is given to the recent impact on music from non-Western culture. The assignments (reading, listening, journal writing, original composition, and performance) are designed to be achievable by people with no prior musical training. Lubet, Alex J, 3 cr

*Extended Term Correspondence*

17239	B03, 09/15/03-06/15/04
17240	C03, 10/15/03-07/15/04
17241	D03, 11/15/03-08/15/04
17242	E03, 12/15/03-09/15/04

**NORWEGIAN (NOR)****College of Liberal Arts****Nor 1001 Beginning Norwegian**

(Credit will not be granted if credit has been received for: NOR 4001)

Emphasis on working toward novice-intermediate low proficiency in all four language modalities (listening, reading, speaking, writing). Topics include everyday subjects (shopping, directions, family, food, housing, etc.). Solheim, William Anders, 5 cr

*Extended Term Correspondence*

16680	B02, 09/15/03-06/15/04
16681	C02, 10/15/03-07/15/04
16682	D02, 11/15/03-08/15/04
16683	E02, 12/15/03-09/15/04

**Nor 1002 Beginning Norwegian**

(Credit will not be granted if credit has been received for: NOR 4002; prereq 1001)

Continues the presentation of all four language modalities (listening, reading, speaking, writing) with a proficiency emphasis. Topics include free-time activities, careers, and the Norwegian culture. Solheim, William Anders, 5 cr

*Extended Term Correspondence*

16845	B02, 09/15/03-06/15/04
16846	C02, 10/15/03-07/15/04
16847	D02, 11/15/03-08/15/04
16848	E02, 12/15/03-09/15/04

**NURSING (NURS)****School of Nursing****Nurs 3690 Life Span, Growth, and Development I**

(prereq One general psychology and one general biology course or instr consent)

An introductory, multimedia course that incorporates biological, sociological, and psychological perspectives of human life span development from the prenatal period through young adulthood. Davis, Joan Audrey, 2 cr

*Extended Term Correspondence*

16849	B05, 09/15/03-06/15/04
16850	C05, 10/15/03-07/15/04
16851	D05, 11/15/03-08/15/04
16852	E05, 12/15/03-09/15/04

**Nurs 3691 Life Span, Growth, and Development II**

(prereq 3690, one general psychology and one general biology course or instr consent)

An introductory, multimedia course that incorporates biological, sociological, and psychological perspectives of human life span development for the period of young adulthood through aging and the death experience. Davis, Joan Audrey, 1 cr

*Extended Term Correspondence*

16853	B05, 09/15/03-06/15/04
16854	C05, 10/15/03-07/15/04
16855	D05, 11/15/03-08/15/04
16856	E05, 12/15/03-09/15/04

**PHILOSOPHY (PHIL)****College of Liberal Arts****Phil 1001 Introduction to Logic**

(meets CLE req of Mathematical Thinking Core)

Application of formal techniques for evaluating arguments. Murphy, Timothy Garrick, 4 cr

*Extended Term Correspondence*

16684	B04, 09/15/03-06/15/04
16685	C04, 10/15/03-07/15/04
16686	D04, 11/15/03-08/15/04
16687	E04, 12/15/03-09/15/04

**Phil 1002W Introduction to Philosophy**

(Credit will not be granted if credit has been received for: PHIL 1006W, PHIL 1002V, PHIL 1026W, PHIL 1102; meets CLE req of Other Humanities Core; meets CLE req of Writing Intensive)

Problems, methods, historical/contemporary schools of philosophy. Eliot, Christopher Hobson, 4 cr

*Extended Term Correspondence*

16688	B03, 09/15/03-06/15/04
16689	C03, 10/15/03-07/15/04
16690	D03, 11/15/03-08/15/04
16691	E03, 12/15/03-09/15/04

**Phil 1003W Introduction to Ethics**

(Credit will not be granted if credit received for: 1103 or 1103V; meets CLE req of Other Humanities Core; meets CLE req of Writing Intensive)

Central concepts and principal theories of moral philosophy. Rodrigues, Mariana Elena, 4 cr

*Print course with related Web site. Internet access recommended.*

*Extended Term Correspondence*

16692	B03, 09/15/03-06/15/04
16693	C03, 10/15/03-07/15/04
16694	D03, 11/15/03-08/15/04
16695	E03, 12/15/03-09/15/04

**PHYSICAL MEDICINE AND REHABILITATION (PMED)****Medical School****PMed 1003 Orientation to Occupational Therapy**

Survey of the profession. For students investigating the field of occupational therapy. Anderson, Diane Roselyn, 1 cr

*Extended Term Correspondence*

17047	B03, 09/15/03-06/15/04
17048	C03, 10/15/03-07/15/04
17049	D03, 11/15/03-08/15/04
17050	E03, 12/15/03-09/15/04

**PHYSICS (PHYS)****Institute of Technology****Phys 1011 Physical World**

A-F only; (prereq 1 yr high school algebra)

Fundamental laws and principles governing the physical world, discussed in the context in which encountered in modern science and technology. Cassola, Robert L, 3 cr

*There is no laboratory component for this course.*

*Extended Term Correspondence*

16857	B01, 09/15/03-06/15/04
16858	C01, 10/15/03-07/15/04
16859	D01, 11/15/03-08/15/04
16860	E01, 12/15/03-09/15/04

**Phys 1111 Basic Physics I**

(max crs 4; prereq High school algebra, geometry, trigonometry)

Algebra-based course that describes the motion of a body in one dimension and examines Newton's laws of motion. Throughout the course emphasis is placed on developing a systematic approach to problem solving and applying this approach to a variety of problems. Understanding of physical principles is enhanced by several experiments. No lab component is offered. Cassola, Robert L, 3 cr

*Does not count as a science course with lab.*

*Extended Term Correspondence*

17202	B03, 09/15/03-06/15/04
17203	C03, 10/15/03-07/15/04
17204	D03, 11/15/03-08/15/04
17205	E03, 12/15/03-09/15/04

**Phys 1112 Basic Physics II**

(max crs 4; prereq 1111 or equiv)

Algebra-based course that examines a variety of topics, including work, energy, momentum, collisions, circular motion, universal gravitation, heat, and electricity. Throughout the course a systematic approach to problem solving is emphasized. Understanding of physical principles is enhanced by several experiments. No lab component. Cassola, Robert L, 3 cr

*Does not count as a science course with lab.*

*Extended Term Correspondence*

17206	B03, 09/15/03-06/15/04
17207	C03, 10/15/03-07/15/04
17208	D03, 11/15/03-08/15/04
17209	E03, 12/15/03-09/15/04

**Phys 2311 Modern Physics**

(prereq 1302 or 1402, Chem 1022, Math 2243)

Provides a broad overview of the important physical concepts developed during the twentieth century. Topics covered include special relativity, wave-particle duality, Schrodinger equation, Bohr atom, the hydrogen atom in wave mechanics, many-electron atoms, X-rays, nuclear structure, radioactivity, nuclear reactions, and statistical physics. Cassola, Robert L, 4 cr

*There is no laboratory component for this course.*

*Extended Term Correspondence*

17210	B02, 09/15/03-06/15/04
17211	C02, 10/15/03-07/15/04
17212	D02, 11/15/03-08/15/04
17213	E02, 12/15/03-09/15/04

**PSYCHOLOGY (PSY)****College of Liberal Arts****Psy 1001 Introduction to Psychology**

(Credit will not be granted if credit has been received for: GC 1281; meets CLE req of Social Science Core)

Introduction to the scientific study of human behavior and a prerequisite for all advanced courses in psychology. The course introduces the problems, methods, and findings of modern psychology to beginning students. Luciana, Monica Marie, 4 cr

*This is the print version of Psy 1001 through Independent and Distance Learning.*

*Extended Term Correspondence*

16930	B04, 09/15/03-06/15/04
16931	C04, 10/15/03-07/15/04
16932	D04, 11/15/03-08/15/04
16933	E04, 12/15/03-09/15/04

**Psy 1001 Introduction to Psychology**

*(Credit will not be granted if credit has been received for: GC 1281; meets CLE req of Social Science Core)*

Introduction to the scientific study of human behavior and a prerequisite for all advanced courses in psychology. The course introduces the problems, methods, and findings of modern psychology to beginning students. Brothen, Thomas, 4 cr

*This is the online version of Psy 1001 through Independent and Distance Learning. For computer requirements see [webct.umn.edu](http://webct.umn.edu) and click on Browser Set Up.*

**ONLINE COURSE**

*Extended Term Telecommunications*

- 16934 B21, 09/15/03-06/15/04
- 16935 C21, 10/15/03-07/15/04
- 16936 D21, 11/15/03-08/15/04
- 16937 E21, 12/15/03-09/15/04

**Psy 3604 Introduction to Abnormal Psychology**

*(Credit will not be granted if credit has been received for: PSY 5604H; prereq 1001)*

Diagnosis, classification, etiologies of behavioral disorders. Weiszhaar, Orville L, 3 cr

*This is the print version of Psy 3604 through Independent and Distance Learning.*

*Extended Term Correspondence*

- 16763 B05, 09/15/03-06/15/04
- 16764 C05, 10/15/03-07/15/04
- 16765 D05, 11/15/03-08/15/04
- 16766 E05, 12/15/03-09/15/04

**Psy 3604 Introduction to Abnormal Psychology**

*(Credit will not be granted if credit has been received for: PSY 5604H; prereq 1001)*

Diagnosis, classification, etiologies of behavioral disorders. Weiszhaar, Orville L, 3 cr

*This is the online version of Psy 3604 through Independent and Distance Learning. For computer requirements see [webct.umn.edu](http://webct.umn.edu) and click on Browser Set Up.*

**ONLINE COURSE**

*Extended Term Telecommunications*

- 16959 B10, 09/15/03-06/15/04
- 16960 C10, 10/15/03-07/15/04
- 16961 D10, 11/15/03-08/15/04
- 16962 E10, 12/15/03-09/15/04

**Financial Aid for IDL Courses**

**Term-based telecommunications (online section A):** No restrictions for financial aid.

**Extended term (sections B, C, D, and E, both correspondence and telecommunications):**

U of M, Twin Cities, Office of Student Finance-administered programs are *not applicable* to this type of registration. **Other types of aid** may be available; contact your financial aid program.

**Psy 3993 Directed Study: Stress Management**

*(max crs 24; 8 repeats allowed; prereq instr consent, dept consent, college consent)*

Concept of stress, ways of measuring, concept and methods of coping. Information from medical and psychological research. Techniques for dealing with stress directly and for health maintenance. Weiszhaar, Orville L, 3 cr

*This is the print version of Psy 3993, Stress Management, through IDL.*

*Extended Term Correspondence*

- 16779 B02, 09/15/03-06/15/04
- 16780 C02, 10/15/03-07/15/04
- 16781 D02, 11/15/03-08/15/04
- 16782 E02, 12/15/03-09/15/04

**Psy 3993 Directed Study: Stress Management**

*(max crs 24; 8 repeats allowed; prereq instr consent, dept consent, college consent)*

Concept of stress, ways of measuring, concept and methods of coping. Information from medical and psychological research. Techniques for dealing with stress directly and for health maintenance. Weiszhaar, Orville L, 3 cr

*This is the online version of Psy 3993, Stress Management, through IDL. For computer requirements see [webct.umn.edu](http://webct.umn.edu) and click on browser set up.*

**ONLINE COURSE**

*Extended Term Telecommunications*

- 20800 B10, 09/15/03-06/15/04
- 20801 C10, 10/15/03-07/15/04
- 20802 D10, 11/15/03-08/15/04
- 20803 E10, 12/15/03-09/15/04

**Psy 3993 Directed Study: Positive Psychology**

*(max crs 24; 8 repeats allowed; prereq instr consent, dept consent, college consent)*

Scientific study of human strengths and positive functioning to help students understand the factors that allow individuals, families, and communities to flourish. Topics: optimism, joy, happiness, positive thinking, humor, emotional intelligence, positive social networks, and the biological impact of positive emotions. Weiszhaar, Orville L, 3 cr

*This is the print version of Psy 3993, Positive Psychology, through IDL.*

*Extended Term Correspondence*

- 21882 B20, 09/15/03-06/15/04
- 21883 C20, 10/15/03-07/15/04
- 21884 D20, 11/15/03-08/15/04
- 21885 E20, 12/15/03-09/15/04

**Psy 3993 Directed Study**

*(max crs 24; 8 repeats allowed; prereq instr consent, dept consent, college consent)*

Scientific study of human strengths and positive functioning to help students understand the factors that allow individuals, families, and communities to flourish. Topics: optimism, joy, happiness, positive thinking, humor, emotional intelligence, positive social networks, and the biological impact of positive emotions. Weiszhaar, Orville L, 3 cr

*This is the online version of Psy 3993, Positive Psychology, through IDL. For computer requirements see [webct.umn.edu](http://webct.umn.edu) and click on Browser Set Up.*

**ONLINE COURSE**

*Extended Term Telecommunications*

- 21886 B30, 09/15/03-06/15/04
- 21887 C30, 10/15/03-07/15/04
- 21888 D30, 11/15/03-08/15/04
- 21889 E30, 12/15/03-09/15/04

**PUBLIC HEALTH (PUBH)**

**School of Public Health**

**PubH 3040 Dying and Death in Contemporary Society: Implications for Intervention**

*(Credit will not be granted if credit has been received for: PUBH 5040; prereq Health science major or social work major or education major or mortuary science major or instr consent)*

Basic background information on concepts, attitudes, ethics, and lifestyle management in relation to dying, death, grief, and bereavement. Emphasis placed on the intervention and educational aspects of the above topics for community health and helping professionals and educators. Rothenberger, James Henry, 2 cr

*Extended Term Correspondence*

- 23550 B01, 09/15/03-06/15/04
- 23551 C01, 10/15/03-07/15/04
- 23552 D01, 11/15/03-08/15/04
- 23553 E01, 12/15/03-09/15/04

**PubH 5003 Fundamentals of Alcohol and Drug Abuse**

*(Credit will not be granted if credit received for: 3003, 3004; education student or instr consent)*

Scientific/sociocultural aspects of alcohol/drug problems. Emphasizes role of education in health conservation and drug abuse prevention. Rothenberger, James Henry, 1 cr

*Primarily designed to meet teachers licensure requirement; Preview syllabus at [www.epi.umn.edu/ph5003](http://www.epi.umn.edu/ph5003).*

*Nonadmitted students who want temporary graduate status must have permission from the School of Public Health. Registration closes one week before term starts; permission required after then.*

**ONLINE COURSE**

**GRADUATE CREDIT AVAILABLE**

*Term Based Telecommunications*

- 16788 A31, 09/02/03-12/12/03

**RUSSIAN (RUSS)**

**College of Liberal Arts**

**Russ 1101 Beginning Russian I**

Listening, speaking, reading, writing. Williams, Denise Elizabeth, 5 cr

*Extended Term Correspondence*

- 16706 B04, 09/15/03-06/15/04
- 16707 C04, 10/15/03-07/15/04
- 16708 D04, 11/15/03-08/15/04
- 18974 E04, 12/15/03-09/15/04

**Russ 1102 Beginning Russian II**

*A-F only; (prereq 1101 or equiv)*

Listening, speaking, reading, writing. Williams, Denise Elizabeth, 5 cr

*Extended Term Correspondence*

- 16865 B04, 09/15/03-06/15/04
- 16866 C04, 10/15/03-07/15/04
- 16867 D04, 11/15/03-08/15/04
- 16868 E04, 12/15/03-09/15/04

**SOCIAL WORK (SW)****College of Human Ecology****SW 5317 Social Work With Involuntary Clients**

(prereq Grad or nondegree seeking student or instr consent)

Includes theory, ethics, effectiveness, and intervention methods for work with client systems that experience pressured contact with a social worker. Interventions at micro, mezzo, and macro levels are included. Practice in varied settings, such as child welfare, mental health, corrections, and public schools, is included. Practice related to organizational responses to change is also included. Childers, Paula Margaret, 2 cr

*IDL version of this course to be used for undergraduate credit only.*

*Extended Term Correspondence*

16873	B01, 09/15/03-06/15/04
16874	C01, 10/15/03-07/15/04
16875	D01, 11/15/03-08/15/04
16876	E01, 12/15/03-09/15/04

**SW 5711 Co-Occurring Addictive and Mental Health Disorders**

A-F only; (prereq Cannot be taken for cr by MSW students)

Understanding the mentally ill and chemically abusive or dependent client. Prepares individuals who work with this population through learning to provide skilled intervention, advocacy, education, and support for both the client and those that are part of his or her environment.

Explore social, environmental, and multicultural factors that contribute to the scant resources for these clients. Meets partial state requirements for becoming licensed as an alcohol and drug counselor. Cannot be taken for credit by MSW students as the material is covered in other graduate social work courses. Dimock, Peter, 2 cr

*Registration closes one week before term starts. For computer requirements see webct.umn.edu and click on Browser Set Up. Nonadmitted students who want temporary graduate status must have permission from the School of Social Work.*

**ONLINE COURSE****GRADUATE CREDIT AVAILABLE**

*Term Based Telecommunications*

30114	A31, 09/02/03-12/12/03
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**SPANISH (SPAN)****College of Liberal Arts****Span 1001 Beginning Spanish I**

(prereq Less than 2 yrs of high school Spanish, dept consent)

Basic listening, speaking, reading, writing skills. Emphasizes development of communicative competence. Some cultural readings. Morales, Flavio Antonio, 5 cr

*Extended Term Correspondence*

16712	B02, 09/15/03-06/15/04
16713	C02, 10/15/03-07/15/04
16714	D02, 11/15/03-08/15/04
16715	E02, 12/15/03-09/15/04

**Span 1002 Beginning Spanish II**

(prereq 1001 completed at UMNTC, dept consent)

Listening, speaking, reading, writing. Emphasizes development of communicative competence. Cultural readings. Morales, Flavio Antonio, 5 cr

*Extended Term Correspondence*

16716	B02, 09/15/03-06/15/04
16717	C02, 10/15/03-07/15/04
16718	D02, 11/15/03-08/15/04
16719	E02, 12/15/03-09/15/04

**Span 1003 Intermediate Spanish I**

(prereq 1002 or 1022 or entrance proficiency test)

Speaking/comprehension. Developing reading/writing skills based on materials from Spain/Spanish America. Grammar review. Compositions. Morales, Flavio Antonio, 5 cr

*Extended Term Correspondence*

16720	B02, 09/15/03-06/15/04
16721	C02, 10/15/03-07/15/04
16722	D02, 11/15/03-08/15/04
16723	E02, 12/15/03-09/15/04

**Span 1004 Intermediate Spanish II**

(prereq 1003 or entrance proficiency test or instr consent, dept consent)

Speaking/comprehension. Developing reading/writing skills based on materials from Spain/Spanish America. Grammar review. Compositions. Morales, Flavio Antonio, 5 cr

*Extended Term Correspondence*

16724	B02, 09/15/03-06/15/04
16725	C02, 10/15/03-07/15/04
16726	D02, 11/15/03-08/15/04
16727	E02, 12/15/03-09/15/04

**STATISTICS**

**See GC 1454, Statistics.**

**SWEDISH (SWED)****College of Liberal Arts****Swed 1001 Beginning Swedish I**

(Credit will not be granted if credit has been received for SWED 4001)

Emphasis on working toward novice-intermediate low proficiency in all four language modalities (listening, reading, speaking, writing). Topics include everyday subjects (shopping, directions, family, food, housing, etc.). Edberg-Caldwell, Gun E, 5 cr

*Extended Term Correspondence*

16728	B02, 09/15/03-06/15/04
16729	C02, 10/15/03-07/15/04
16730	D02, 11/15/03-08/15/04
16731	E02, 12/15/03-09/15/04

**Swed 1002 Beginning Swedish II**

(Credit will not be granted if credit has been received for SWED 4002; prereq 1001)

Continues the presentation of all four language modalities (listening, reading, speaking, writing), with a proficiency emphasis. Topics include free-time activities, careers, and the Swedish culture. Edberg-Caldwell, Gun E, 5 cr

*Extended Term Correspondence*

16878	B02, 09/15/03-06/15/04
16879	C02, 10/15/03-07/15/04
16880	D02, 11/15/03-08/15/04
16881	E02, 12/15/03-09/15/04

**Swed 1003 Intermediate Swedish I**

(Credit will not be granted if credit has been received for SWED 4003; prereq 1002)

Emphasis on intermediate proficiency in listening, reading, speaking, and writing. Contextualized work on grammar and vocabulary is combined with authentic readings and essay assignments. Edberg-Caldwell, Gun E, 5 cr

*Extended Term Correspondence*

16733	B02, 09/15/03-06/15/04
16734	C02, 10/15/03-07/15/04
16735	D02, 11/15/03-08/15/04
16736	E02, 12/15/03-09/15/04

**Swed 1004 Intermediate Swedish II**

(Credit will not be granted if credit has been received for SWED 4004; prereq 1003)

Emphasis on developing intermediate mid-high proficiency in listening, reading, speaking, and writing. Contextualized work on grammar and vocabulary is supported by work with authentic readings and essay assignments. Edberg-Caldwell, Gun E, 5 cr

*Extended Term Correspondence*

16882	B02, 09/15/03-06/15/04
16883	C02, 10/15/03-07/15/04
16884	D02, 11/15/03-08/15/04
16885	E02, 12/15/03-09/15/04

**WOMEN'S STUDIES (WOST)****College of Liberal Arts****WoSt 3003W Gender and Global Politics**

(Credit will not be granted if credit has been received for: WOST 3003V; meets CLE req of International Perspective Theme; meets CLE req of Social Science Core; meets CLE req of Writing Intensive)

An introduction to the study of women's lives throughout the world. Drawing on a range of reading materials and media (feminist scholarship, fiction, film, news media, oral history, autobiography), the course draws attention to the similarities and differences in women's experiences from a cross-cultural and historical perspective. Voight, Char, 3 cr

*For computer requirements see webct.umn.edu and click on Browser Set Up.*

**ONLINE COURSE**

*Extended Term Telecommunications*

16740	B03, 09/15/03-06/15/04
16741	C03, 10/15/03-07/15/04
16742	D03, 11/15/03-08/15/04
16743	E03, 12/15/03-09/15/04

**WOOD AND PAPER SCIENCE (WPS)****College of Natural Resources****WPS 4305W Pulp and Paper Technology**

(prereq Jr or instr consent; meets CLE req of Writing Intensive)

Pulping processes, fiber refining and processing, paper manufacturing, fiber and paper properties, paper recycling, water requirements and effluent treatment. Chemical and mechanical pulping, pulp preparation, secondary fiber, de-inking, wet end additives. Lab problems and exercises. Tschirner, Ulrike Waltrau, 3 cr

*For computer requirements see webct.umn.edu and click on Browser Set Up. Prerequisite of high school chemistry. Intended for working professionals. Nonadmitted students who want temporary graduate status must have permission from College of Continuing Education, 612-625-2088. Registration closes one week before term starts; instructor permission required after then.*

**ONLINE COURSE****GRADUATE CREDIT AVAILABLE**

*Term Based Telecommunications*

22880	A31, 09/02/03-12/12/03
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**WPS 4313 Pulp and Paper Unit Operations**

(prereq 4305, ChEn 4001, Math 2263, ME 3321, ME 3322, or instr consent)

Application of the principles of momentum, heat, and mass transfer to unit operations in the pulp and paper industry; fluid transport, filtration, sheet formation, sedimentation, drainage, pressing, heat exchange, evaporation, washing, bleaching, humidification and drying, chemical and energy recovery. Computer simulation of multiple-stage systems. Ramaswamy, Sridharan, 4 cr

*For computer requirements see webct.umn.edu and click on Browser Set Up. Prerequisite of B.S. basic sciences/engineering or two years of college level math, chemistry and one year of physics. Intended for working professionals. Nonadmitted students who want temporary graduate status must have permission from College of Continuing Education, 612-625-2088. Registration closes one week before term starts; instructor permission required after then.*

**ONLINE COURSE****GRADUATE CREDIT AVAILABLE**

*Term Based Telecommunications*

23680	A31, 09/02/03-12/12/03
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