UNIVERSITY OF MINNESOTA

▼ 10 years ago

A few differences • then we tracked 1,000,000+ bytes (MB) of storage • today we track 1,000,000,000+ bytes (GB) of storage.

Then • our May 1992 CIS newsletter featured new hardware, such as • a Zeos for $1325 with DOS 5.0 or Windows 3.1, a 42MB hard drive, a 14" monochromatic display and a 386 33MHz processor • a Mac LCII for $1700 with an 80MB hard drive, a 12" color display and the new 68030 processor.

Now • on the U's Techmart Website • Gateway features a "value" system for $1401 with a 40GB hard drive, a CD drive, a 15" color display and a 1.2GHz processor • the Indigo iMac is featured at $733 and includes a CD drive, a 15" color display, a 20GB hard drive and a 500MHz PowerPC G3 processor: **techmart.umn.edu**

Information Technology

Newsletter

Student Web Core Service Helps Faculty Members Develop Course Websites

→ **Student Web Core: a service from ADCS/DMC** ↙ ↓

What's smart, skilled and spins great webs?

If the webs are University of Minnesota course Websites, one of the best answers is, "the staff of the Student Web Core Service." More and more faculty members are adding online components to their courses, often in response to student demand. However, some are finding that developing these components takes more time, effort, and, depending on the components desired, skills than they currently have. But if they have access to some funds, such faculty members can hire our Student Web Core Service employees to create part or all of their course Websites or other instructional technology projects.

Services provided

The service is administered by Academic and Distributed Computing Services (ADCS) and coordinated by Digital Media Center (DMC) staff members. We hire undergraduates who have Web development skills and train them, if necessary, in the use of additional software applications such as the WebCT course site management system. Potential clients may meet for free with one of our educational technology consultants and a Student Web Core

http://www.umn.edu/oit

Service student employee to clarify their project goals and estimate production time. If the faculty member wants to proceed, the student then produces the Website or components under the supervision of the consultant, and the faculty member is billed $26 per hour, which is much less than a professional Website developer would charge.

Work examples

Our talented Student Web Core Service students can assist faculty and instructional staff members by digitizing and editing graphics, audio and video; scanning text and creating PDF documents; and creating and maintaining Websites using HTML (hypertext mark-up language) and Dreamweaver or WebCT software.

These course Web components and sites can range from quite simple to wonderfully complex.

Example 1

Figure 1 shows a screenshot of the home page of a human resources and industrial relations course taught by Sid A. Benraouane – Innovative Leadership: How to Manage Change and Uncertainty – created with WebCT. This straightforward site contains several kinds of course information, including suggestions for using the Website effectively; a threaded discussion tool; and an end-of-term course evaluation.

Example 2

The screen shot shown in Figure 2 is from one of the more complex sites constructed by our students, a page for an applied economics course, Kent Olson's Principles of Farm Management. This site has many components and over 200 pages so far. A special feature is the use of video clips of the instructor welcoming students and of interviews with Minnesota farmers.

Most of the site was created outside of WebCT and may be accessed by the public, but the instructor uses WebCT to deliver password-protected quizzes to students enrolled in the course.

Funding sources

Funds for Student Web Core Service fees may be available from your department or college. The College of Liberal Arts, for example, uses some of its information technology fees to provide faculty members with grants for this purpose.

For more information about the CLA grants see: http://www.cla.umn.edu/students/infotech-fees /rfp/index.shtml

Hiring process

If you are interested in hiring a Student Web Core Service student, contact Mike Dunham:

* send e-mail to webcore@umn.edu
* or call him at 612.624.0004

■ Kim Wilcox, Digital Media Center

**Figure 1: HRIR 5000,
How to Manage Change and Uncertainty**

Figure 2, Principles of Farm Managment: http://www.ardilla.umn.edu/FarmMgmt/ApEc3811/

UNIVERSITY OF MINNESOTA

Get the Quicktime Plug-in
Get Acrobat Reader
WebCT for Registered
Students
Kent Olson's Home Page
Dept. of Applied Economics

Home   Background   Resources   Lessons   Field Trips   Course Info   Site Map   E-mail Kent

In This Section:
Welcome
Site Overview
Get Started

Home ➡ Welcome

Welcome to Principles of Farm Management!

This course is designed to train future and current farm managers on the principles of farm management. We will learn both the long-run (or strategic) and short-run (or operational) aspects of managing a farm.

Built around the increasing need for a farming business plan, this course helps farmers to develop, use, and follow a successful plan for their farm. After covering the basics of how to develop strategic, production and operations, financing, and staffing and organization plans, we will learn how to implement and control these plans in a risky world.

This course is for managers, not for record keepers or producers. Managers need to understand and use budgets, records, and financial statements, but, in this very competitive world, a manager who emphasizes record keeping over managing will not be in business long. Similarly, the person who just produces and does the work because he or she "knows what needs to be done" but does not manage the farm will have trouble surviving as well.

Video Length: 42s

Speed	56K/s	100K/s	300K/s
Video	219 K	519 K	860 K
Audio Only	83 K	83 K	83 K

Text Transcript: welcome.rtf
Get the Quicktime Plug-in

Audio Only:

NOTICE: This site is designed primarily for University of Minnesota students enrolled in ApEc 3811. To help others interested in learning about farm management, this site has been made available to the public. University of Minnesota students who are registered for the class have access to other sites containing specific information concerning the course, grades, schedules, quizzes, and some other material. If you have suggestions, questions, or other comments, please email Kent Olson.

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**Figure 2:
Principles of
Farm Management**

Into Computers? Databases You Should Know About

Andrea Halverson, Science/Engineering Library, Walter Library, http://sciweb.lib.umn.edu

Digital technology, computer science, telecommunications, information technology, high-speed networks — these are just some of the many terms used to describe the diverse world of computer technology. A vast sea of knowledge is available on this subject, and the University of Minnesota Libraries licenses access to a variety of resources to help you locate and sort through this abundance of information. From e-journals, to general databases, to society publications, to conference proceedings, to highly specialized databases, there is something for everyone interested in finding information on computer technology. These resources are available in the library or from remote locations.

Due to publisher licensing restrictions, access to these resources from outside a University library (e.g., from home or office) is limited to students, faculty and staff of the University of Minnesota, Twin Cities. However, on-site access (from within a University library) to most of these resources is available to all users.

For a more complete list of information resources in the computer science field, visit the Science & Engineering Library's "Resources in Computer Science" Web page at: http://sciweb.lib.umn.edu/subject /compsci.html

INSPEC®

A comprehensive technical database, INSPEC®, is produced by the Institution of Electrical Engineers (IEE) and is the online version of Computer and Control Abstracts, Physics Abstracts and Electrical and Electronics Abstracts. INSPEC is located online at: http://www.lib.umn.edu/cgi-bin/ovid-inspec.cgi

INSPEC provides access to the world's leading scientific and technical publications in the areas of information technology, computer hardware and software, computer applications, computational mathematics, information science, electronics, communications, control engineering, electrical engineering and physics. INSPEC provides citations and abstracts to journal articles, conference proceedings, reports, theses and dissertations and books. The database covers materials back to 1969 and is updated weekly. Approximately 16 percent of the database's source publications are in languages other than English, but all articles are abstracted and indexed in English. Author-prepared abstracts are used when available.

INSPEC includes:
- indexing of over 4,100 journals, of which 750 are abstracted cover-to-cover;
- over 6,500,000 records, with over 6,000 added each week.

Full-text articles are not available in INSPEC, so when you locate an item in the database, you'll need to look up the name of the journal, conference proceeding or other document in MNCAT®, the University Libraries' online catalog <http://www.lib.umn.edu/books>, to see if the item is available in print or electronic format at the Libraries. The University Libraries subscribes to over 144 full-text e-journals in the computer science field. E-journals licensed by the University Libraries are directly accessible via the Web version of MNCAT — just click on the link in the Internet field of the record. To view a list of the computer science e-journals available, with links to the journals, go to: http://sciweb.lib.umn.edu/subject /ej/compsci.html

IEEE Explore™

IEEE's (Institute of Electrical and Electronics Engineers, Inc.) most comprehensive IEEE Explore™ product is the IEEE/IEE Electronic Library (IEL), which is located at: http://www.lib.umn.edu /cgi-bin/ieee.cgi

The IEL provides full-text access back to 1988 for IEEE, Computer Society, and IEE journals, magazines, transactions and conference proceedings, as well as all current IEEE standards. The IEEE produces approximately 30 percent of the world's published literature on computers, electrical engineering and control technology, holds more than 300 major conferences annually and has more than 860 active standards with 700 under development. A crucial part

Walter Library Update

As the dust settles in the newly renovated Walter Library, the services and facilities of the architecturally and technologically impressive building continue to expand.

Digital scanning

Digital Scanning Services are now being offered for a fee by the Photocopy Services in the Basement Level of the library. Through this service, customers can convert print documents to electronic format for e-mailing.

Study space

Abundant study space is available throughout the building with study tables in the Science & Engineering Library and the Learning Resources Center on the Second Floor and relaxed sitting areas in the Great Hall on the Second Floor. Two group study rooms are available on the Basement Level, with additional seating areas nearby. A study lounge, located on the First Floor of the building near the Pleasant Street entrance, is also available.

High-speed access for laptops

High-speed network access is now available in the Science & Engineering Library, the Learning Resources Center and other locations throughout the building. High-speed laptop plug-ins are available at the study tables on the Second Floor and in the group study rooms on the Basement Level. High-speed wireless access is available in most public spaces in the building. Modem access is also available.

ADCS Computer Lab

The ADCS Computer Lab in Room 103 is now open; it offers state-of-the-art hardware and software, including 65 PCs and 34 Macs with flat-panel monitors; the latest office, graphics and Web development software; scanners; CD/DVD burners; and color laser printing. The lab will be open 24-hours/day during the regular school semester.

■ Andrea Halverson, Science & Engineering Reference, Walter Library

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of the IEEE's mission is to provide highly relevant technical information, and it has implemented a rigorous peer review process to ensure the high quality of its technical material. IEEE publications are highly respected and frequently cited in the industry.

The IEL provides users with desktop access to almost one-third of the world's technical literature in computer science and electrical engineering and includes:

- over 759,000 documents from over 12,000 publications;
- more than 2 million full-text PDF images, including all charts, graphs, diagrams, photographs and illustrative material;
- more than 25,000 new pages per month.

Since most of the IEL documents are full-text, retrieval is as simple as printing out or downloading items directly from the IEEE Explore Website. For documents prior to 1988 that are not full-text, you will need to look up the name of the journal, conference proceeding or other document in MNCAT® to see if the item is owned by the University Libraries.

ACM Digital Library

The ACM Digital Library is produced by the Association for Computing Machinery (ACM). The ACM Digital Library offers bibliographic information, Tables of Contents, abstracts, reviews and full-text for articles published in ACM periodicals and proceedings as far back as 1947, plus selected works published by affiliated organizations. To access it, click on "Digital Library" on this Website: http://www.acm.org

The ACM Digital Library contains:

- over 69,000 full-text articles from journals, magazines and conference proceedings;

- about one-half million article references for ACM articles with about 200,000 links to full bibliographic information for those references, with 50,000 further links to full text.

The ACM Digital Library documents that are full-text can be retrieved by simply printing or downloading them. For documents that are not full-text, you'll need to look up the name of the journal, conference proceeding or other document in MNCAT® to see if the item is owned by the University Libraries.

Other Resources

▼ Computer Database

For a general database providing a combination of indexing, abstracts and full-text articles back to 1980 for 150 leading business and technical publications in the computer, electronics and telecommunications industries, check out the Computer Database at: http://www.lib.umn.edu/articles/about.phtml?id=917

To learn more about this database, look at the article "Using Your Computer to Keep Up with Computers" by Nancy Herther in the February 2001 issue of this newsletter: http://www.umn.edu/oit/newsletter/01/0201_itn/libr.html

▼ Lecture Notes in Computer Science

Lecture Notes in Computer Science (LNCS) provides full text of significant conference proceedings in the field of computer science. Produced by Springer-Verlag Heidelberg, LNCS is a good source to use when following new developments in computer science research and teaching; it's located online: at http://link.springer.de/series/lncs/

▼ Computer Science Bibliographies

The Collection of Computer Science Bibliographies is a collection of bibliographies of scientific literature in computer science from various sources. The collection currently contains more than 1.2 million references, mostly to journal articles, conference papers and technical reports, and more than 150,000 references containing URLs to an online version of the paper; it's located at: http://liinwww.ira.uka.de/bibliography

█ Communications about this article can be addressed to: Andrea Halverson, Science & Engineering Reference, Walter Library, ahalv@tc.umn.edu.

Library News Briefs   http://www.lib.umn.edu

New Humanities/Social Sciences Databases

The Libraries are very proud to announce four new databases of broad, general interest. They are all available to current students, staff and faculty of the U's Twin Cities campus and are listed in the **Articles And More** section of our Web page. Enjoy!

1. ▶ Essay and General Literature Index covers 1985 to the present. This key database cites essays and articles contained in collections of essays and other works published in the United States, Great Britain and Canada. Over 300 volumes and 20 annual or serial publications are indexed annually. Each record includes the full bibliographic information for the titles in which the collected works are found. Subjects covered include: archaeology, folklore, architecture, history, art, linguistics, children's literature, music, classical studies, poetry, drama, political science, economics, religion, fiction, women's studies and film.

2. ▶ Readers' Guide Retrospective currently covers 1969 to 1980. By fall 2002, we hope the file will go back to 1890, giving you an incredible, quick and easy way to search through the most popular general-interest periodicals published in the United States, reflecting the history of 20th century America. Created by HW Wilson, this index provides comprehensive indexing to the key publications of the century.

3. ▶ Biography Reference Bank (see sources covered below). Biography Reference Bank combines the complete content of *Wilson Biographies Plus Illustrated* with the complete and enhanced content of *Biography Index Plus*. *Wilson Biographies Plus* Illustrated contains the full-text of more than 95,000 biographies and obituaries and more than 26,000 photographs of the subjects. *Biography Index Plus* (enhanced with full-text when available) is a bibliographic database that cites biographical material appearing in periodicals indexed in other Wilson Company databases and additional selected periodicals, current books of individual and collective biography and incidental biographical material in otherwise non-biographical books.

4. ▶ Polling the Nations covers 1986 to the present. This compilation includes over 14,000 surveys conducted by more than 700 polling organizations in the United States and more than 80 other countries. Each of the nearly 350,000 records reports a question asked and the responses given. Also

included in each record is the polling organization responsible for the work, the date the information was released, the sample size and universe; it contains the same data that is available in the *American Public Opinion Index* and microfiche set.

■ Kate McCready and Nancy Herther

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Online: Nature Research & Reviews titles

In addition to the *Nature* weekly journal, the U of M Libraries have now licensed online access to these Research & Reviews titles from Nature Publishing Group:

1. Nature Biotechnology (1998–)
2. Nature Cell Biology (05/99–)
3. Nature Genetics (06/98–)
4. Nature Immunology (07/00–)
5. Nature Medicine (09/98–)
6. Nature Neuroscience (05/98–)
7. Nature Reviews Cancer (10/01–)
8. Nature Reviews Drug Discovery (01/02–)
9. Nature Reviews Genetics (10/00–)
10. Nature Reviews Immunology (10/01–)
11. Nature Reviews Molecular Cell Biology (10/00–)
12. Nature Reviews Neuroscience (10/00–)
13. Nature Structural Biology (07/98–)

The titles are accessible via our catalog MNCAT® and through the Libraries' Electronic Journals section of our Web page: http://www.lib.umn.edu

■ Jim Stemper and Nancy Herther

Should I Hate Committees?

a periodic column

Committees are one way to share the knowledge of its members and to, hopefully, move a project forward. But is it the most effective way to get something done? Based on my personal experience, most committees never accomplish their task. And if most committees never accomplish their task, should I consider them a waste of time and a barrier to getting something done? Should I hate committees?

Actually, I don't think committees are bad. I think they can be an effective way to accomplish a task. So it's not the committees themselves that are bad. Committees are bad when those who set them up lack a clearly defined purpose and choose the wrong committee members.

Successful committees need at least two things. First, they must have a clearly defined goal or task. Second, they must choose the right people. Choosing people in line with your objective who will perform a clearly defined role in the committee is essential. Don't just choose people who like to attend committees.

For a variety of personal reasons some people like to be on as many committees as possible. They may want to self-promote, feel important, socialize and network, get into other people's business or feel a sense of power. Whatever their reasons, these are not the kind of people you want on your committee. They are not team players. They aren't there to get work done but to accomplish their own

personal agenda. They are counter-productive to getting results. Yet they seem to be in the majority of those who participate in committees.

It may be hard to tell which people will be productive committee members and who have personal agendas to advance. However, if you keep seeing the same faces, and if certain people are always talking on these committees, these might be clues to identifying those people who would not be good choices for your committee. They may be committee "bugs," not true team players that will help you accomplish your objective.

Think of how much it costs the University for just one committee meeting. Think of the per hour cost of each attendee and the length of time that is involved, including travel time and socializing before and after the meeting. Never mind the additional time it takes to move a project forward while committee members delay decisions and actions that are needed to accomplish the objective, all the while focusing on their own personal agendas. Committees can cost a lot of money and waste a lot of time.

What do you think? Should I hate committees? Or should we try to keep the goals of the committee clearly defined, choose the members wisely and focus on accomplishing the objectives we set out to do?

■ Shih-Pau Yen, Academic and Distributed Computing Services

< The views expressed in this column are the personal opinion of the author and not the official view of the Office of Information Technology. >

▼ Help   Phone: Area Code = 612

Computer Misuse or Abuse (also see Procedure 2.8.1.1)
- • Emergency Network Help Line 625-0006
- • Non-emergency, e.g., spamming: `abuse@umn.edu`

1–HELP •24/7 unless otherwise noted 612-301-4357

Dial 1-HELP. Listen to the voice menu list of options.
Press the number of your desired option.
- • Technology Help: `http://www.umn.edu/adcs/help`
- ■ Passwords: new and forgotten ones
- ■ CCO Central systems, PeopleSoft
  - • by email: `x-help@umn.edu`
- ■ Internet, Email, Microcomputers
  - • call-in Monday–Thursday • 8 am–11 pm
  - • call-in Friday • 8 am–5 pm
  - • call-in Saturday • noon–5 pm
  - • call-in Sunday • 5 pm–11 pm
  - • walk-in 8 am–5 pm, M–F:
    152 Shepherd Labs; 93 Blegen Hall; 50 Coffey Hall
  - • by email: `help@umn.edu`
- ■ Networking and Telecommunications Services: NTS
  - • by email: `help@umn.edu`

▼ Dial-in Computer Access

Internet/PPP/SLIP: up to 53kps if v.90 612-627-4250
(56k K-flex, Flex56, X.2 protocols are unsupported)

▼ Quick Guide

Modem Usage (current activity on your account)
`http://www.nts.umn.edu/services/modemusage.html`
Internet/Email account management/validation
`http://www.umn.edu/validate`
MNCAT/LUMINA (Library) – `http://www.lib.umn.edu`
Office of Information Technology
`http://www.umn.edu/oit`
Onestop Services – `http://onestop.umn.edu`
TechMart – `http://www.techmart.umn.edu`
Technology Training Center
`http://www.umn.edu/adcs/info/training.html`
UM News Servers – `news.tc.umn.edu, news.umn.edu`

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Threats, UM Police Department ....911 on campus
- • off campus.. 624-3550
Computer Accommodation Program – voice/tty... 626-0365
U Computer Services/Computer Repair Serv 624-4800
Statistical Software Support:
   including SAS and SPSS 624-3330

Associate Vice President and
Chief Information Officer, Steve Cawley 612-625-8855

Newsletter subscription information and archives at http://www.umn.edu/oit/newsletter

Twin Cities campus address label trivia: the 2nd number after the Rec# is the Campus Mail delivery code, http://umn.edu/lookup

May.2002 [pantone295,1205]

☐ **Delete/Cancel**
☐ **Change Name**
☐ **Change Address**
☐ **Change Other**
☐ **Add**

If you cancel or change a campus address, please tell us the **Rec#.**
Just tear off the end page and send the entire mailing label to us. Or send email to:
`oitnsltr@umn.edu`