

Online GIS Education

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Types of Online Learning

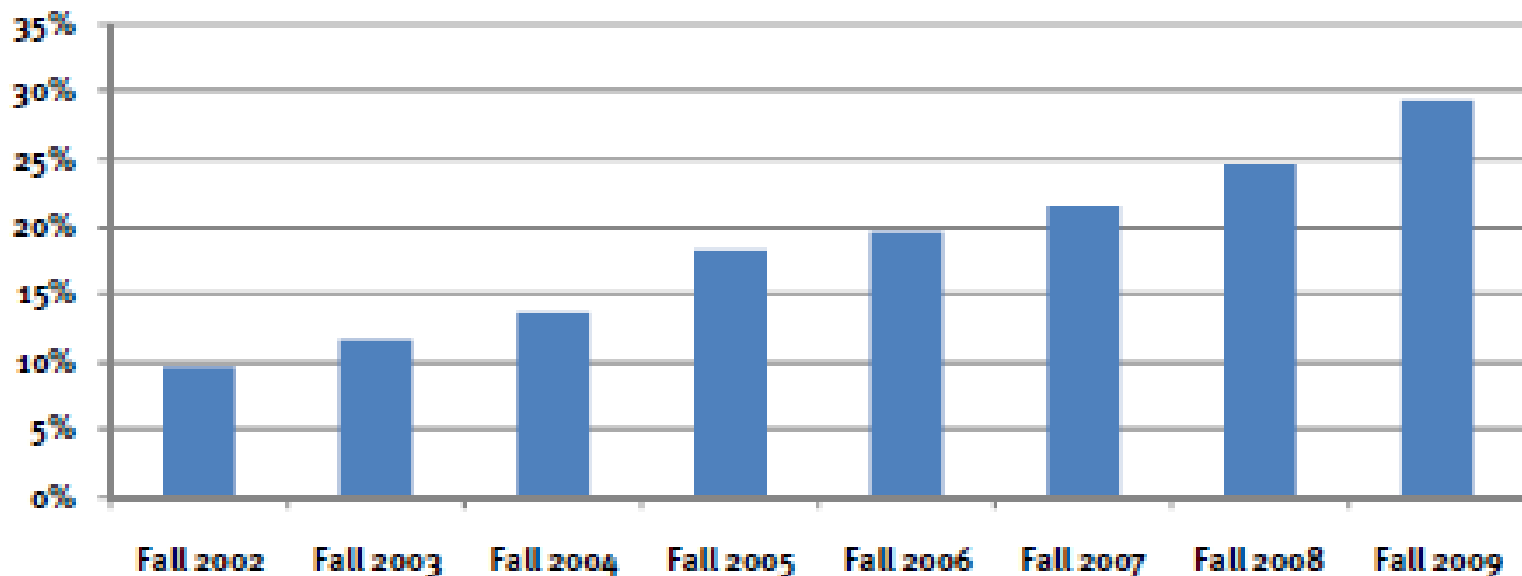
Proportion of Content Delivered Online	Type of Course	Typical Description
0%	Traditional	Course with no online technology used – content is delivered in writing or orally.
1 to 29%	Web Facilitated	Course that uses web-based technology to facilitate what is essentially a face-to-face course. May use a course management system (CMS) or web pages to post the syllabus and assignments.
30 to 79%	Blended/Hybrid	Course that blends online and face-to-face delivery. Substantial proportion of the content is delivered online, typically uses online discussions, and typically has a reduced number of face-to-face meetings.
80+%	Online	A course where most or all of the content is delivered online. Typically have no face-to-face meetings.

Class Differences: Online Education in the United States, 2010

http://www.usdla.org/assets/pdf_files/2010%20Sloan-C%20Report%20on%20Online%20Education%20Enrollment.pdf

Growth Trend in Learning Online

Online Enrollment as a Percent of Total Enrollment -
Fall 2002 through Fall 2009



Class Differences: Online Education in the United States, 2010

http://www.usdla.org/assets/pdf_files/2010%20Sloan-C%20Report%20on%20Online%20Education%20Enrollment.pdf

Why Rapid Growth?

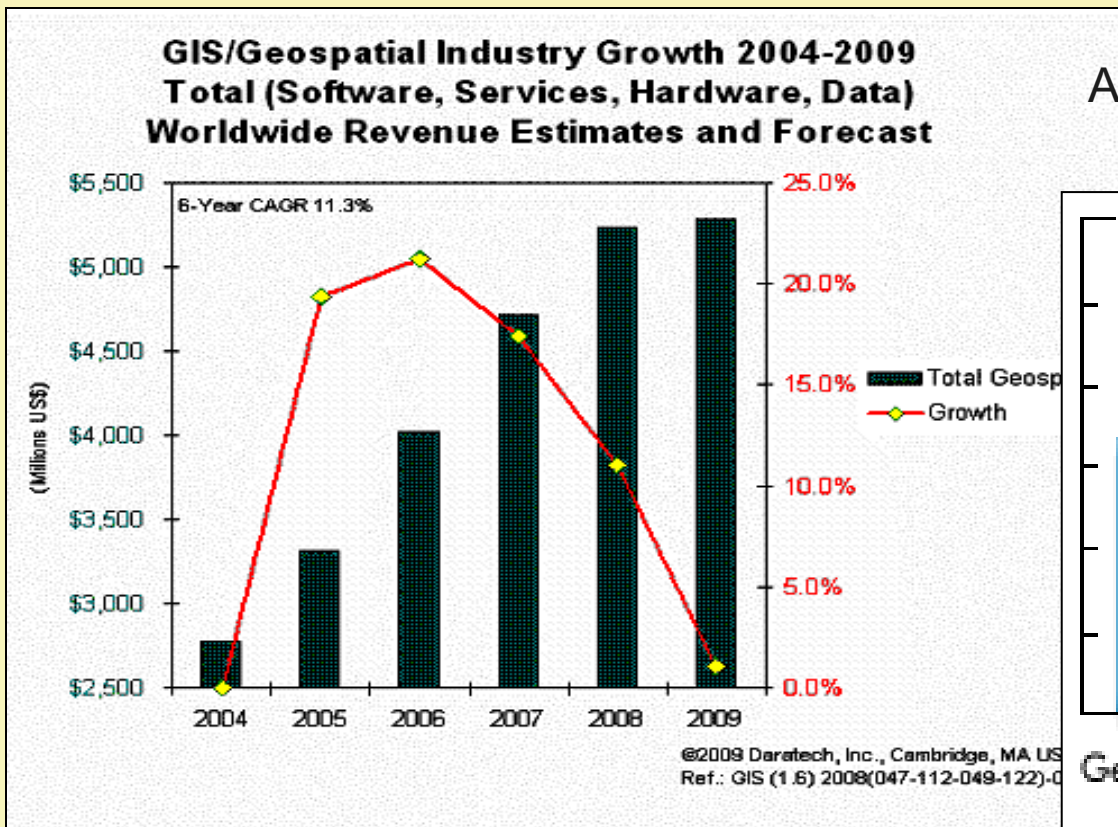
- Significant development in computer and telecommunication technologies
- Innovation in course management systems
 - Blackboard, Angel
- Expansion of web conferences and online meetings
 - Elluminate Live, WebEx
- Benefits for students
 - “Different time and different place” vs. “same time and same place”
 - Flexible schedule
 - Studying at multiple schools at once
 - Economic benefits

Why Rapid Growth?

- Economic benefits for both educational institutions and companies
- Economic downturn
 - *Poor economic times are good for higher education!*
- Predicted growth in job markets
 - Health Care
 - Advanced Manufacturing
 - Information Technology
 - Transportation
 - Military
 - **Geospatial Technology**

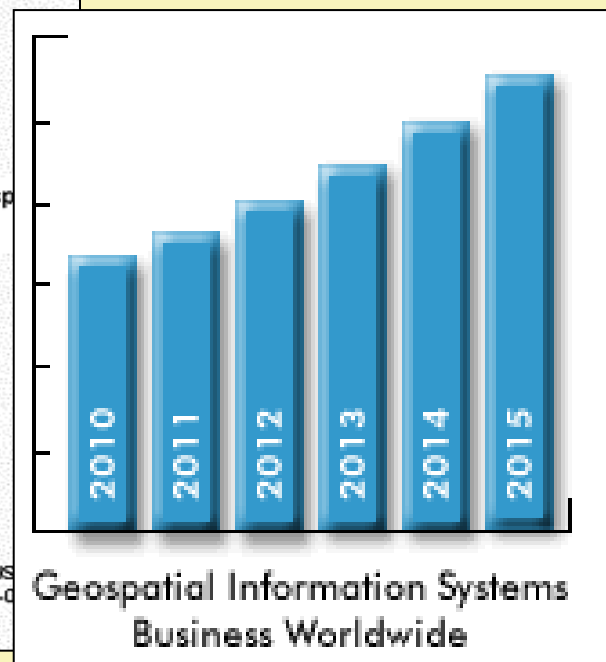
Geospatial Market Outlook

Daratech's Report in 2008, Worldwide



<http://www.gpsworld.com>

ARC's Report in Dec. 2010,
Worldwide



<http://www.arcweb.com>

Universities/Colleges with Online GIS Programs

ESRI's Online Database of Academic GIS Programs

The database allows a school to indicate which ESRI software products they are teaching with. The fact that a school teaches with ESRI products does not constitute an endorsement of the product. Some schools teach with a large number of software packages from different vendors. Many universities choose to emphasize the theory and application of geographic information science rather than just the technology.

Search for a GIS Program

(Search by any of all fields)

Keywords

City/Province

U.S. State

Zip/Postal Code

Country

Program Type

- Certificates in GIS
- Degree Program in GIS
- Graduate Program in GIS
- ESRI Virtual Campus
- Distance Learning

ESRI Product

- ArcInfo
- ArcView
- ArcEditor
- ArcGIS Server
- ArcIMS
- ArcPad

Other tools

[Enter your University in our Search System](#) | [Update your University Information](#) | [Suggestions](#)

ESRI's Online Database of Academic GIS Programs

Search Results	
Your search resulted in 85 matches	
Location	Program Details
Adelaide, South Australia	Adelaide University
Anchorage, AK	University of Alaska
Ankara, Ankara	Hacettepe University
Athens, GA	University of Georgia
Aurora, CO	American Sentinel University
Bakersfield, CA	California State University
Bakersfield, CA	Bakersfield College
Baltimore, MD	Johns Hopkins University
Big Rapids, MI	Ferris State University
Big Stone Gap, VA	Mountain Empire Community College
Bismarck, ND	Bismarck State College
Bo, Telemark	Telemark University
Brandon, Manitoba	Assiniboine Community College
Burnaby, BC	British Columbia Institute of Technology (Canada)
Cedar Rapids, IA	Kirkwood Community College (Agricultural Science)
Chestertown, MD	University of Southern Mississippi
Clyde, NC	Haywood Community College
Columbus, OH	Columbus State Community College
Cookeville, TN	Tennessee State University
Corvallis, OR	Oregon State University
De Kalb, IL	Northwestern State University
Debrecen, H-B	University of Debrecen
Denver, CO	Metro State University
Denver, CO	University of Northern Colorado
Denver, CO	University of Denver
Elko, NV	Great Basin College
Elmhurst, IL	Elmhurst University
Emporia, KS	Emporia State University
Enschede, na	ITC Institute of Technology (Geo-Information Observation)
Forence, AL	University of North Carolina
Fredericton, NB	University of New Brunswick
Gainesville, FL	University of Florida (Soil & Water Science)
Hattiesburg, MS	University of Southern Mississippi
Henderson, NV	Community College of Nevada
Hyderabad, AP	Vasavi College
Jacksonville, AL	Jacksonville State University
Kent, OH	Kent State University
Kiel, Schleswig-Holstein	Christian-Albrechts-Universität (Germany)
Kingsville, TX	Texas A&M University
Klamath Falls, OR	Oregon Institute of Science and Technology
La Crosse, WI	University of Wisconsin
Lansing, MI	Lansing Community College
Las Cruces, NM	New Mexico State University
Leeds, West Yorkshire	University of Leeds
London, London	University of London
London, London	City University
London, na	Birkbeck, University of London
Los Angeles, CA	University of California
Manchester, Manchester	Salford University
Minneapolis, MN	Saint Mary's University of Minnesota (Minneapolis)
Monticello, AR	University of Arkansas Monticello
Mumbai, Maharashtra	IIT Bombay (India)
Nanaimo, BC	Vancouver Island University
Newark, DE	University of Delaware
Newark, DE	University of Delaware (Administration)
Niagara-On-The-Lake, ON	Niagara College
North York, ON	York University
O'Halloran Hill, South Australia	Onkaparinga Institute of TAFE
Palmerston North, Manawatu	Massey University
Pensacola, FL	University of West Florida
Perth, Western Australia	Curtin University
Pittsburgh, PA	Carnegie Mellon University
Pocatello, ID	Idaho State University
Pretoria, Gauteng	University of Pretoria
Raleigh, NC	North Carolina State University (Resources)
Riverside, CA	University of California Riverside
Ruston, LA	Louisiana Tech University
St. John's, NF	Kevin College (Canada)
Stafford, TX	Houston Community College
Toowoomba, Queensland	University of Southern Queensland (Australia)
Toronto, ON	Ryerson Polytechnic University
Tyler, TX	University of Texas at Tyler
Tyler, TX	Tyler Junior College
University Park, PA	Pennsylvania State University
Uppsala, SE	SLU, Swedish University of Agricultural Sciences
West Hartford, CT	University of Hartford
West Long Branch, NJ	Monmouth University
Wilkes-Barre, PA	Wilkes University
Winnipeg, MB	University of Winnipeg

GIS Certificate and Masters Prog

GIS Certificate and Masters Program

last updated January 09, 2011

The following information is a simple collection of known websites.
No endorsement or evaluation of these programs is implied by their inclusion.

Note that there are also Bachelor's programs in GIS, but they are not included.

Index

- [US on-campus masters programs](#)
- [US on-campus certificate programs](#)
- [Canadian on-campus certificate and masters programs](#)
- [Other country on-campus certificate and masters programs](#)
- [Distance learning programs](#)
- [Related certificates](#)
- [GIS education needs surveys](#)

- **IMPORTANT** - April 2003 summary of Diploma, Certificate and Degree programs in GIS in the world prepared by Brian Berdusco. [Full report](#) from 2003 MSc thesis (zip file of document) and [html of the table](#) (large document, loads slowly).

- See also lists of links maintained by:
 - [GISOnline Graduate Courses](#)
 - [GeoCommunity](#)

http://www.ucgis.org/priorities/education/GIS_Cert+Masters_Prog/certificates.htm#DistanceLearning

Distance learning/On-line programs

NOTE: For more information on individual graduate courses and programs, see the following:

Birkbeck College, London UK

- <http://www.bbk.ac.uk/Departments/Geography/online.htm>

California State University Bakersfield, USA

- <http://academic.csub.edu/~vkohli/giscert.html>

Charles Sturt University, Australia

<http://clio.mit.csu.edu.au/gis>

Curtin University, Australia

<http://www.cage.curtin.edu.au/gis/distance.htm>

University of Denver

- Certificate of Advances Studies in Geographic Information Systems

- Masters Degree in Geographic Information Science

- <http://www.du.edu/gis/>

Elmhurst College, Elmhurst IL - Certificate in GIS (hybrid online)

- <http://www.elmhurst.edu/~geo/GISCertProgram.html>

ESRI Virtual Campus

- <http://campus.esri.com/>

Johns Hopkins University - post-baccalaureate Certificate in Geographic Information Science

- <http://advanced.jhu.edu/academic/environmental/gis/>

University of Leeds - postgraduate programs in GIS

- <http://www.geog.leeds.ac.uk/odl/>

University of North Dakota - Graduate Certificate in GIScience

- <http://distance.und.edu/degree/?id=geoinfoscience2>

ONLINE DEGREES » MASTER OF GEOGRAPHIC INFORMATION SYSTEMS

PRINT

- [OVERVIEW](#)
- [CURRICULUM](#)
- [COSTS](#)
- [ADMISSIONS](#)
- [FACULTY](#)
- [FAQs](#)
- [REQUEST INFORMATION](#)
- [APPLY NOW](#)

Master of Geogr Systems

The master of geographic in
degree is designed for work
leadership positions in the fi
world-class master's degree
this 35-credit program of stu
your own schedule, where a
for you.

Learn from Respected

Interact online with attentive
nation's top-rated graduate
information systems.

GIS Professional Dev

Penn State offers more than
courses in which geospatial
fulfill continuing professional
Please visit our [GIS professi](#)
more information.

Advance to the Cutti

Gain firsthand experience wi
and techniques available in t
information systems today.

Prepare for GISCI Certification

[Course Schedule](#)
[Professional Development Courses](#)

[COSTS](#)
[ADMISSIONS](#)
[FACULTY](#)
[FAQs](#)
[REQUEST INFORMATION](#)
[APPLY NOW](#)



Students in the MGIS program must take 6 credits at the 500 level and a minimum of 12 additional credits at the 500 level or above.

Required Courses (23–26 credits)		
GEOG 482	The Nature of Geographic Information Orientation to the properties of geographic data and the practice of distance learning.	2 credits
GEOG 483	Problem Solving with GIS How geographic information systems facilitate data analysis and communication to address common geographic problems. Prerequisite: GEOG 482	3 credits
GEOG 484	GIS Database Development Database design, creation, and maintenance, and data integration using desktop GIS software. Prerequisite: GEOG 483	3 credits
GEOG 583	Geospatial System Analysis and Design Systematic approach to requirements acquisition, specification, design and implementation of geospatial information systems. Prerequisite: GEOG 484	3 credits
GEOG 584	Geospatial Technology Project Management Principles of effective project management applied to the design and implementation of geospatial information systems.	3 credits
GEOG 586	Geographical Information Analysis Choosing and applying analytical methods for geospatial data, including point pattern analysis, interpolation, surface analysis, overlay analysis, and spatial autocorrelation. Prerequisite: GEOG 485, GEOG 486, or GEOG 487	3 credits
GEOG 596A	Individual Studies — Peer Review Preparation and presentation of a proposal for an individual capstone project.	3 credits (may be repeated up to 9 credits)
GEOG 596B	Individual Studies — Capstone Project Preparation and delivery of a formal professional presentation of the results of an individual capstone project.	3 credits (may be repeated up to 9 credits)



Live Chat



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Program

First Name

Last Name

Degree Earned

Email

Country

Zip Code

Phone - - x

Download Your Brochure

GIST Master's Program

GIST Certificate Program

Course Descriptions

GPS/GIS Field Techniques

Why a GIST Degree?

Degree Outcomes

Program Faculty

Dean's Message

Director's Message

Program Overview

The USC Dana and David Dornsife College of Letters, Arts and Sciences is the largest and oldest of the USC schools and is the academic heart of USC. USC Dornsife offers a wide variety of degrees and professional certificates, including two innovative programs in Geographic Information Science and Technology (GIST): the GIST Master of Science and the GIST Graduate Certificate Program. These GIST graduate programs are offered in an online format to mesh with the demanding schedules of working professionals and resident USC graduate students for whom campus-based studies are not an option.

In the past decade, Geographic Information Science (GIS) has grown exponentially. GIS are in use throughout the world and the demand for professionals trained in their use is expanding in the United States, Canada, much of Europe and parts of Asia. Currently, the number of people with expertise in GIS cannot possibly meet the surge coming from government, non-profits and the private marketplace. Recognizing this demand, USC Dornsife established the USC GIS Research Laboratory in 1996. It was designed to support the research needs of USC faculty and the GIS needs of graduate students. In 1998, USC Dornsife developed an online graduate certificate program in GIS as a collaborative enterprise with the UNIGIS International Network (www.unigis.net).

Advanced Diploma in GIS Applications



viu.ca > Instructional Dep

ADGISA

- Program Courses
- Admission Requirements
- Equipment and T
- [+] Fees
- Start Date and Application Dead
- How to Apply
- Information for International Students
- Practicum Information
- Graduation Requirements

[+] Fees

- Start Date and Application Deadline
- How to Apply
- Information for International Students
- Practicum Information
- Graduation Requirements
- Career Opportunities
- About the Instructors
- Frequently Asked Questions
- What Students Say
- Explore GIS
- [+] About Nanaimo
- GIS Information Sheet: Face To Face Fall 2010

outcomes are the same. Each course is worth 3 credits, with the exception of GEOG 591 - GIS Applications Project - which is worth 9 credits.

Face-to-Face	Online
GEOG 501 Foundations of Geographic Information Systems	GEOG 501 Foundations of Geographic Information Systems
GEOG 511 Geodatabases	GEOG 511 Geodatabases
GEOG 521 General Spatial Analysis	GEOG 521 General Spatial Analysis
GEOG 523 Advanced Applied Spatial Analysis	GEOG 523 Advanced Applied Spatial Analysis
GEOG 531 Visual Programming for GIS	GEOG 524 Remote Sensing and Digital Image Processing
GEOG 581 Management Issues In GIS	GEOG 525 Global Positioning Systems (GPS) and Survey Analysis
GEOG 591 GIS Applications Project: Practicum	GEOG 530 Programming Foundations
GEOG 593 Internet GIS	GEOG 531 Visual Programming for GIS
	GEOG 581 Management Issues In GIS
	GEOG 593 Internet GIS

⚠ ATTENTION: Summer registration is open. [Plan your schedule](#)

COLUMBUS STATE community college

[Blackboard](#) [CougarWeb](#) [Email](#)

Search



Quick Links



[About CSCC](#) [Programs & Courses](#) [Distance Learning](#) [Admissions](#) [Campus Life](#) [Services for Students](#) [For Businesses](#) [For the Community](#)



IAN and PIERCE FRESHWATER,
Doubly Successful

"We got both high school and college credit, basically free, for our efforts."

[IAN'S and PIERCE'S STORY](#) | [ALL STORIES](#)

Find a program in... **nursing**

Explore how Columbus State can help you get where you want to go. **OPEN** ▼



AVOID DROPPED CLASSES

**Fee deadline
WED. JUNE 22**



FUTURE STUDENTS

Apply to Columbus State

CURRENT STUDENTS

Register for Classes

Enrollment: 30,297 for Autumn 2010. That number includes two campuses and:

- Suburban classroom enrollment: (Autumn, 2009) 6,422
- Distance learning students (2008) 8,965

GIS Certificate Online Courses at CSCC



Columbus State Community College

PLAN OF STUDY

CAREER AND TECHNICAL
PROGRAMS
Effective Autumn Quarter 2010

GIS Certificate

Name _____
Student # _____
Date Entered _____
Advisor _____

FIRST QUARTER			SECOND QUARTER			THIRD QUARTER					
CR	GR		CR	GR		CR	GR				
		GEOG 207 Introduction to GIS	B	5				GIS 253 GIS Software II	T	3	
		GIS 100 Acquiring GIS Data*	T	3	GIS 251 GIS Software I	T	3	GIS 280 Advanced GIS Applications	T	4	
					XXXX XXXX Technical Elective ²	T	3	or			
					XXXX XXXX Technical Elective ²	T	3	GIS 290/GIS 291 Seminar for GIS/GIS Practicum ^{1,2}	T	5	
TOTAL			8			TOTAL			7-8		
FOURTH QUARTER			FIFTH QUARTER			SIXTH QUARTER					
TECHNICAL ELECTIVES			CERTIFICATE REQUIREMENTS			Faculty Advisor: Andrea Parsons, Coordinator 614-287-2409 Department DH 205 614-287-5030 Dick Bickerstaff, Chairperson 614-287-5032					
Must take at least one technical elective from: GIS 275 Planning and Implementing GIS GIS 277 Introduction to ArcIMS GIS 278 Introduction to Programming for GIS GIS 279 Introduction to GIS Database GIS 281 Introduction to ArcGIS Server GIS 289 Special Topics in GIS											
Must take at least one technical elective from: GIS 283 GIS in Emergency Management GIS 284 GIS in Health GIS 285 GIS in Business GIS 286 GIS in Utilities											
			TOTAL CERTIFICATE CREDIT HOURS 24-25 hours			* This course maybe taken prior to starting the GIS certificate. * This course may be taken during Summer Quarter. * Two technical electives required for certificate (any quarter).					

GIS Associate Degree Online Courses at CSCC



Columbus State Community College

PLAN OF STUDY

CAREER AND TECHNICAL PROGRAMS
Effective Autumn Quarter 2010

GEOGRAPHIC INFORMATION SYSTEMS

Name _____
Student # _____
Date Entered _____
Advisor _____

FIRST QUARTER			SECOND QUARTER			THIRD QUARTER		
	CR	GR		CR	GR		CR	GR
GEOG 207 Introduction to GIS	B	5	ENGL 101 Beginning Composition	G	3	ENGL 102 Essay and Research	G	3
GIS 100 Acquiring GIS Data	T	3	GEOG 280 Elements of Cartography	B	5	MATH 135 Elementary Statistics	B	5
MATH 148 College Algebra	B	5	GIS 105 Elements of Photogrammetry	T	2	ARCH 112 Construction Draft - CAD 1	T	2
CIT 103 Computer Concepts and Logic	B	3	GIS 110 Georeferencing & Editing GIS Data	T	2	GIS 253 GIS Software II	T	3
			GIS 251 GIS Software I	T	3	HUM XXX HUM 111, 112, 113, 151, 152 or 224	G	5
TOTAL		16	TOTAL		15	TOTAL		18
FOURTH QUARTER			FIFTH QUARTER			SIXTH QUARTER		
	CR	GR		CR	GR		CR	GR
COMM 105 Speech or			GIS 203 Remote Sensing of Environment	T	4	GIS 260 Introduction to Spatial Analysis	T	4
COMM 110 Conference and Group Discussion	G	3	GIS 280 Advanced GIS Applications	T	4	GIS 279 Introduction to GIS Databases	T	3
COMM 204 Technical Writing	G	3	GEOG 240 World Economic Geography	G	5	GIS 291 GIS Practicum	T	4
CIT 233 Expert Access	B	3	xxx xxx Technical Elective	T	3	GIS 290 Seminar for GIS	T	1
SURV 140 Surveying and GPS or						xxx xxx Technical Elective	T	3
SURV 141 Basic Surveying	T	4						
xxx xxx Technical Elective	T	3						
TOTAL		16	TOTAL		16	TOTAL		15
TECHNICAL ELECTIVES			GRADUATION REQUIREMENTS					
Must take at least two technical electives from:			G = General Education			Faculty Advisor:		
GIS 275 Planning and Implementing GIS	T	3	B = Basic Education			Andrea Parsons, Coordinator	614-287-2409	
GIS 277 Introduction to ArcIMS	T	3	T = Technical Education			Department DH 205	614-287-5030	
GIS 278 Programming for GIS	T	3				Dick Bickerstaff, Chairperson	614-287-5032	
GIS 281 Introduction to ArcGIS Server	T	3						
GIS 289 Special Topics in GIS	T	1-5						
Must take at least one technical elective from:								
GIS 283 GIS in Emergency Management	T	3	Total General Education	22 hours				
GIS 284 GIS in Health	T	3	Total Basic Education	26 hours				
GIS 285 GIS in Business	T	3	Total Non-Technical	48 hours				
GIS 286 GIS in Utilities	T	3	Total Technical Education	48 hours				
CMGT 221 Building Information Modeling	T	3	TOTAL CREDITS	96 hours				

CM/4/13/10GIS/Geographic Information Systems Tech

GIS.AAS

Required Skills

The image is a screenshot of a web page for Columbus State Community College's online learning section. The page has a dark blue header with the college's logo and the text "online learning at columbus state community college". A left-hand navigation menu lists various categories, with "Getting Started" selected. The main content area features a breadcrumb trail "Home » Getting Started » Required Skills" and a title "Required Skills in Distance Learning". Below the title, a paragraph states "Distance Learning presents a whole new series of advantages". A list of skills follows, each underlined and in red text: "Technical Skills", "Time Management", "Communication", "Reading", "Note Taking", and "Assertiveness".

COLUMBUS STATE
Community College

online learning
at columbus state community college

Home
About CSCC
Degrees
Courses
Getting Started
▶ about distance learning
▶ advantages & challenges
▶ technical requirements
▶ **required skills**
▶ readi assessment
▶ f.a.q.
▶ registration
After You've Registered
Resources
Help

Home » Getting Started » Required Skills

Required Skills in Distance Learning

Distance Learning presents a whole new series of advantages

- Technical Skills
- Time Management
- Communication
- Reading
- Note Taking
- Assertiveness

Technical Requirements

Technical Requirements for Web-based Courses

















Web-based Courses

Web-based Component Requirements

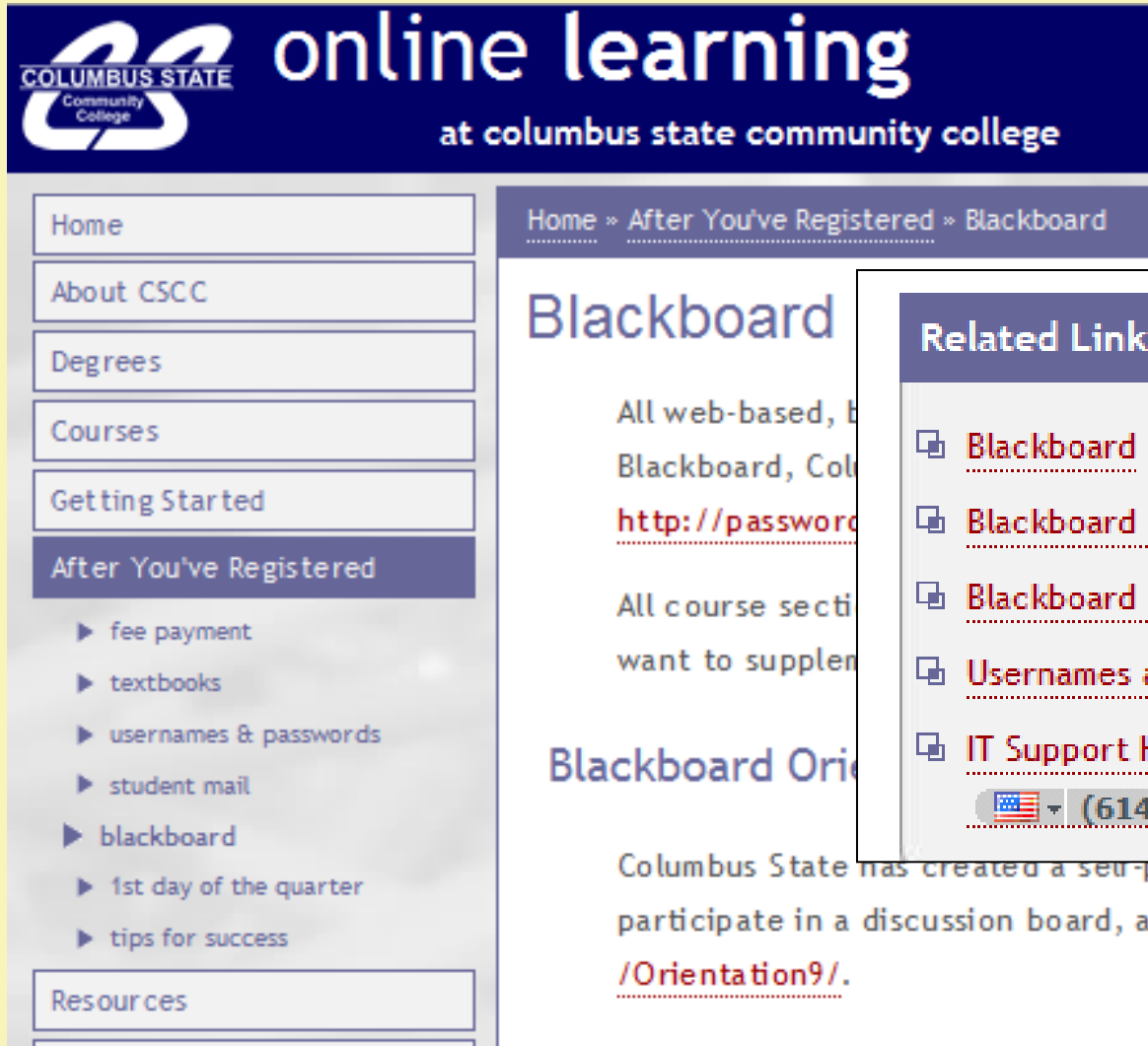
For courses, you need to have:

- A Computer that is less than 3 years old
- Internet Access
- A compatible Internet Browser

Download

 Microsoft PowerPoint Viewer 98 for Macs	 ...
 Microsoft Excel Viewer 2003	 ...
 Microsoft PowerPoint Viewer 2003	 ...
 Microsoft Word Viewer 2003	 ...
 Microsoft PowerPoint Animation Viewer	 ...
 SnapShot Viewer for Microsoft Access	 ...
 Open Office	 ...

Technical Requirements



The screenshot shows the website for Columbus State Community College's online learning. The header features the college's logo and the text "online learning at columbus state community college". A navigation menu on the left includes links for Home, About CSCC, Degrees, Courses, Getting Started, and After You've Registered. The "After You've Registered" section is expanded, showing sub-links for fee payment, textbooks, usernames & passwords, student mail, blackboard, 1st day of the quarter, and tips for success. The main content area displays a breadcrumb trail "Home » After You've Registered » Blackboard" and a heading "Blackboard". Below this, there is text about web-based courses and a link to "http://password". Another section titled "Blackboard Ori" (likely Orientation) mentions a discussion board and a link to "/Orientation9/". A "Related Links" box on the right contains links to Blackboard, Blackboard Learn Orientation, Blackboard Help, Usernames and Passwords, and IT Support Help Desk, along with a phone number (614) 287-5050 and a location icon.

COLUMBUS STATE
Community College

online learning

at columbus state community college

Home » After You've Registered » Blackboard

Blackboard

All web-based, Blackboard, Columbus State Community College

<http://password>

All course sections are available on Blackboard. If you want to supplement your learning, you can access the Blackboard Orientation page.

Blackboard Ori

Columbus State has created a set-up page for you to participate in a discussion board, at </Orientation9/>.

Related Links

- [Blackboard](#)
- [Blackboard Learn Orientation](#)
- [Blackboard Help](#)
- [Usernames and Passwords](#)
- [IT Support Help Desk - \(614\) 287-5050](#)

Home

About CSCC

Degrees

Courses

Getting Started

After You've Registered

- ▶ fee payment
- ▶ textbooks
- ▶ usernames & passwords
- ▶ student mail
- ▶ blackboard
- ▶ 1st day of the quarter
- ▶ tips for success

Resources

Technical Requirements

Letter mailed to students on the first day of the quarter

Spring Quarter, 2011

Dear GIS 260 Students,

Welcome to this course! I have enclosed ArcGIS Desktop - ArcInfo 10 software from ESRI for your use in this course.

IMPORTANT NOTES:

- 1.) Included in this mailing are instructions for installation. Please follow them step by step. *For those of you who have installed the software prior to this, it is important to note that you will need to register your software first.*
- 2.) *If you have a previous version of this software, you will want to uninstall that software before installing this version.*
- 3.) *There is a second DVD of tutorial data. Please do a complete installation of that as well. Use the default location.*

There will be pdf lectures available to you during the quarter. You must use the lectures provided on Blackboard as the primary source. If you would like to print copies of the lectures and assignments out, feel free to come to campus and use any of our computer labs to do this.

You will be required to buy the "GIS Tutorial 2 – Spatial Analysis Workbook updated for ArcGIS 10, by David W. Allen, 2nd Edition, Esri Press, 2010, 340 pages, ISBN: 9781589482586 for this course. Please VERIFY the edition is correct and that the ISBN is exactly the same. Please note that you do not need to install the software in the back of this book, please use the software provided. If you have software already installed, I would uninstall it and install the software provided. You can purchase the book from the CSCC bookstore, at Amazon or at ESRI Press. We work with this book within a week or two into the course, so please do not wait until the last minute to get it.

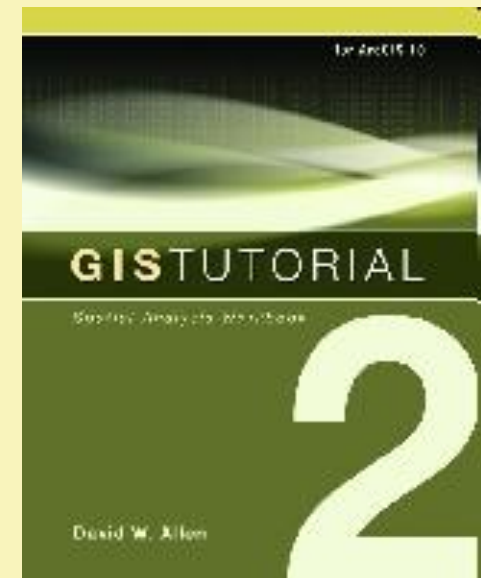
Here is the link for Amazon:

http://www.amazon.com/GIS-Tutorial-Spatial-Analysis-Workbook/dp/1589482581/ref=sr_1_1?s=books&ie=UTF8&qid=1299874187&sr=1-1

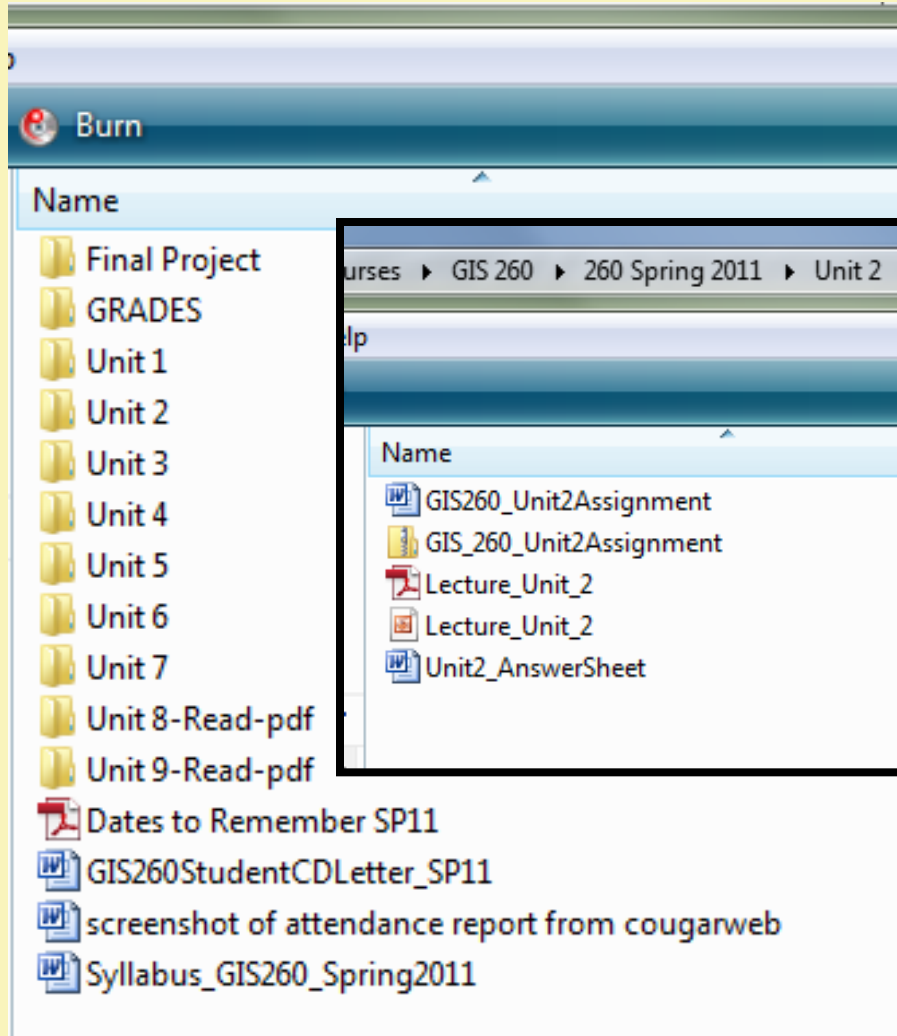
This class takes a lot of work and we get off to a fast start. Expect to work at least 10 hours a week on class material. Please feel free to contact me during the quarter whenever you need help – that is what I am here for. I look forward to working with you. Have a great quarter!

Dr. Fatemeh Masouleh
fmasoule@csc.edu

Adjunct Instructor, Geographic Information Systems



Course Materials



A screenshot of a Windows Explorer window showing a file list for 'Unit 2'. The address bar shows the path: 'Courses > GIS 260 > 260 Spring 2011 > Unit 2'. The file list is as follows:

Name	Date modified	Type	Size
GIS260_Unit2Assignment	2/27/2011 11:49 AM	Microsoft Word D...	
GIS_260_Unit2Assignment	2/27/2011 11:49 AM	Compressed (zipp...	
Lecture_Unit_2	3/20/2010 11:55 PM	Adobe Acrobat D...	
Lecture_Unit_2	3/20/2010 11:52 PM	PPT File	1
Unit2_AnswerSheet	10/12/2009 8:34 PM	Microsoft Word D...	

Lets take a look at Blackboard

Online Meetings & Desktop Share; WebEx

It's where the world is going

Meeting Center My WebEx

Browse Meetings

New User Reference

Attend a Meeting

Browse Meetings

Unlisted Meeting

Register

Host a Meeting

Schedule a Meeting

My Meetings

One-Click Meeting

My Recorded Meetings

Set Up

Support

MyResources

User Guides

Downloads

Training

Contact Us

Search for meetings by host, topic, or words in the agenda:

Today Daily

◀ Tuesday, May 17, 2011

Show past meetings

Time ▾

10:00 am

11:00 am

12:00 pm

1:00 pm

2:00 pm

3:00 pm

4:00 pm

5:00 pm

6:00 pm

7:00 pm

8:00 pm

Meeting Center My WebEx

New User Reference

Attend a Meeting

Browse Meetings

Unlisted Meeting

Register

Host a Meeting

Schedule a Meeting

My Meetings

One-Click Meeting

My Recorded Meetings

Set Up

Support

MyResources

User Guides

Downloads

Training

Contact Us



Did you know you can schedule a WebEx Personal Conference meeting if you select Personal Conference

Schedule a Meeting

To set advanced meeting options or to schedule a Personal Conference meeting, go to [Advanced Scheduler](#)

[Start](#)

* Meeting topic:

* Password:

* Confirm password:

Date: May 18 2011

Time: 9:45 am pm [New York Time](#)

Duration: 1 hr 0 min

Attendees:

[Use address book...](#)

Send a copy of the invitation email to me

Audio conference: WebEx Audio [Change audio conference...](#)

Done


Cisco WebEx Meeting Center - GIS 260 Office Hours


File Edit Share View Audio Participant Meeting Help


Quick Start Meeting Info New Whiteboard Partici... Chat REC Recor... Notes

Fatemeh Masouleh's meeting Record

Topic: GIS 260 Office Hours




 **Audio Conference**
(Connected) ✓



 **Invite & Remind**

 **Share My Desktop**


End Meeting

Speaking:

 **Fateme Masouleh** (Host, me)  

Make Presenter Audio  

Chat

Send to: **Everyone** 

Select a participant in the Send to menu first, type chat message, and send...

Send