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An Approach to Support the Online Initiatives: Pedagogy, Technology, and Resources



The Growth of Online Education

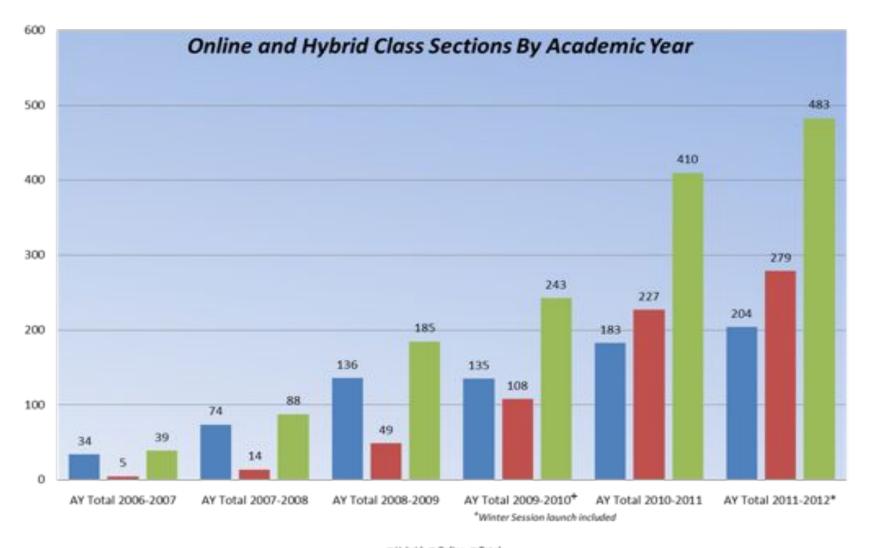
Online education

The number of students taking at least one online class has grown so much that nearly one-third of students enrolled in degree-granting postsecondary institutions take an online class.

| | STUDENTS TAKING AT LEAST ONE ONLINE COURSE | BATE OF GRUNE ENROLLMENT | ONLINE ENROLLMENT PERCENT OF TOTAL ENROLLMENT |
|-----------|--|-----------------------------|---|
| Fall 2002 | 1,602,970 | N/A | 9.6% |
| Fait 2003 | 1,971,397 | 23.0% | 11.7% |
| Fail 2004 | 2,329,783 | 18.2% | 13.5% |
| Fall 2005 | 3,180,050 | 36.5% | 18.2% |
| Fall 2006 | 3,488,381 | 9.7% | 19.6% |
| Fait 2007 | 3,938,111 | 12.9% | 21.6% |
| Fall 2008 | 4,606,353 | 16.9% | 24.1% |
| Fall 2009 | 5,579,022 | 21.1% | 28.6% |
| Fall 2010 | 6,142,280 | 10.1% | 31.3% |

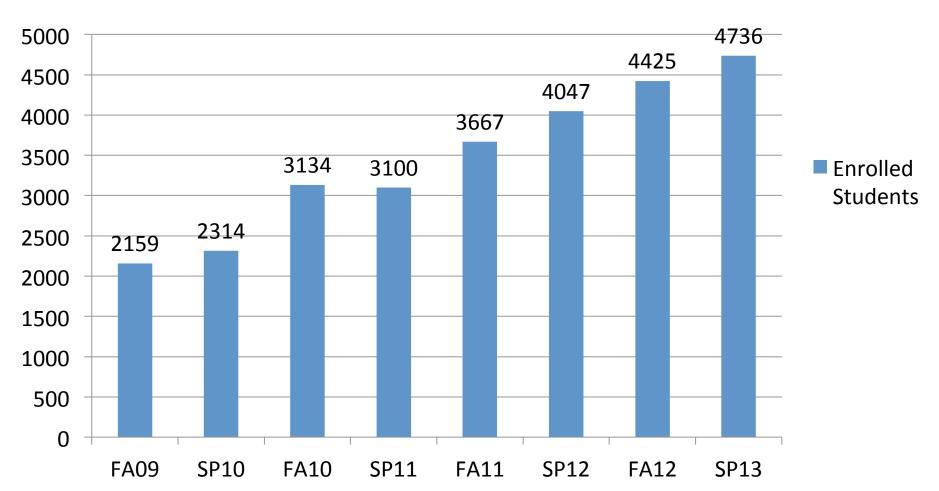
Source: Going the Distance: Online Education in the United States, 2011" by the Sabson Survey Research Group, Sabson College Post-Gazema

Rapidly Increasing Online/Hybrid Course Offerings



Rapidly Increasing Student Enrollment in Online/ Hybrid Course

Enrolled Students



By 2016, 8% will be generated by on-line courses.

By 2016, to offer 10 fully online graduate programs.

By 2014, 3% of the total annual undergraduate Student Semester Hour production will be generated by on-line courses.

Montclair's Online Initiatives The Spring 2013 launch of the first 2 Online Programs: MA in Child Advocacy and MA in Educational Leadership.

The Spring 2013 Launch

- First two fully online programs go live
 - MA Child Advocacy & Policy
 - MA Educational Leadership
 - Providing students ability to
 - Achieve degree and career aspirations
 - Balance coursework with life
 - Online



Approaches to Support the Online Initiatives

- Matrix-managed Collaborative Approach
 - University Administration
 - Academic Affairs
 - Information Technology Division
- The Tasks Targeted by the Approach
 - Online Program Development
 - Quality Control for Online Courses
 - Faculty Development and Support
 - Online Students Recruitment, Admission and Support

TTI: An Approach to Support Online Initiatives





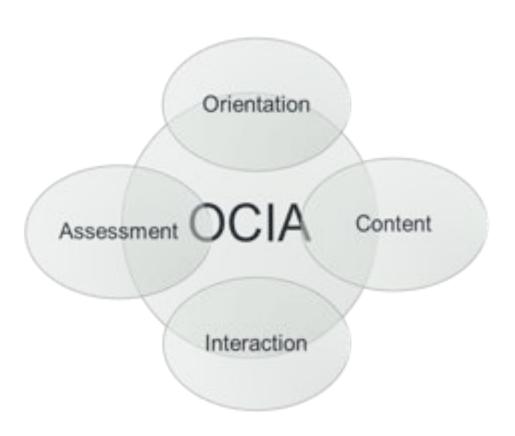




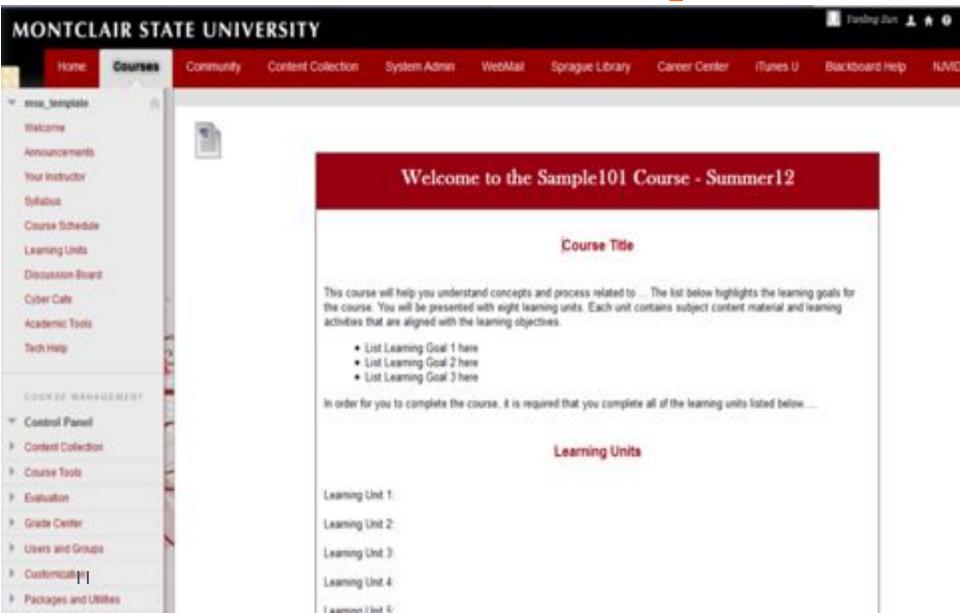
Technology Training and Integration

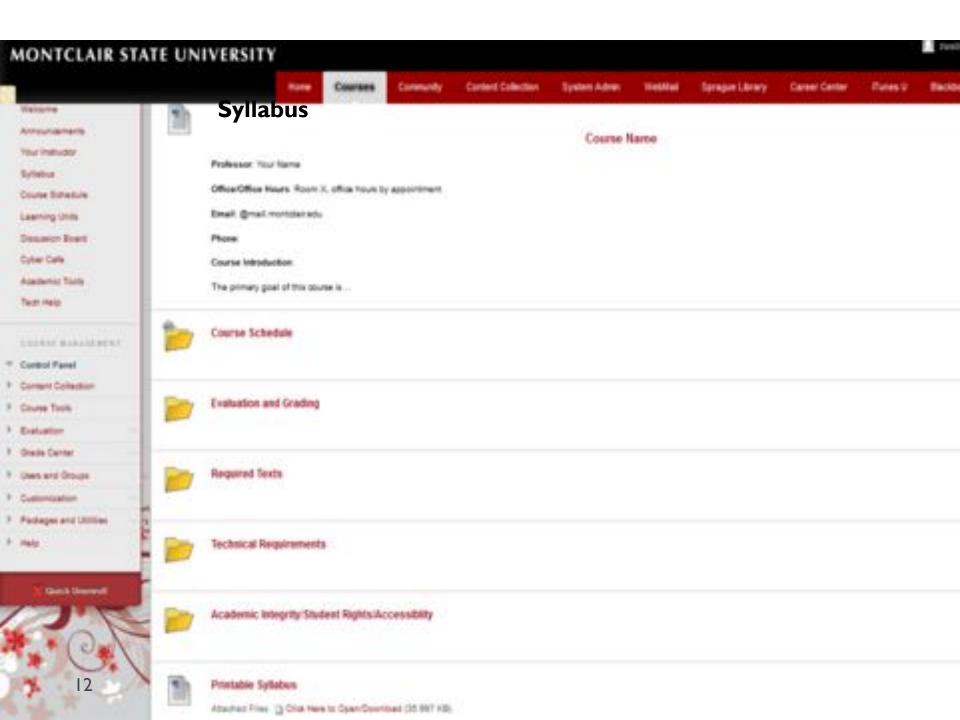
Instructional Design Services

IDS: The OCIA Course Design Model



Online Course Template







(T) Course Schedule

msu_template

Welcome

Annuncements

Your Instructor

Syllabor

Course Schedule

Learning Units

Discussion Search

Cyter Cale

Anadamin Torra

Tech Help

COURSE WOOLGEBERT

Control Panel

Contact Collection

P Course Tools

9 Evaluation

F. Grade Certer

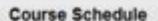
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Home

Courses

Community



Course Schedule

Content Collection

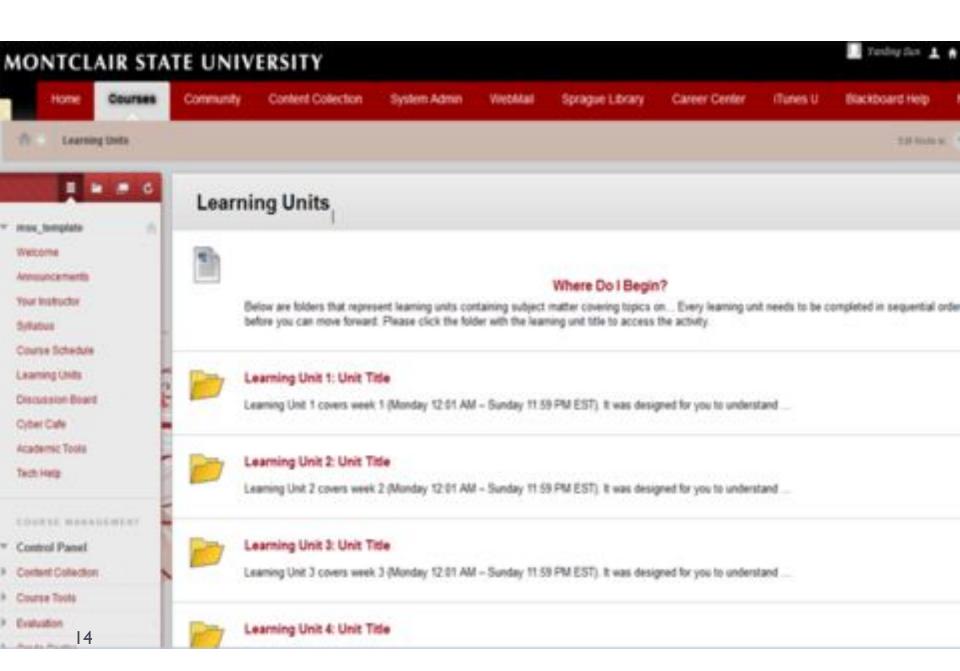
System Admin

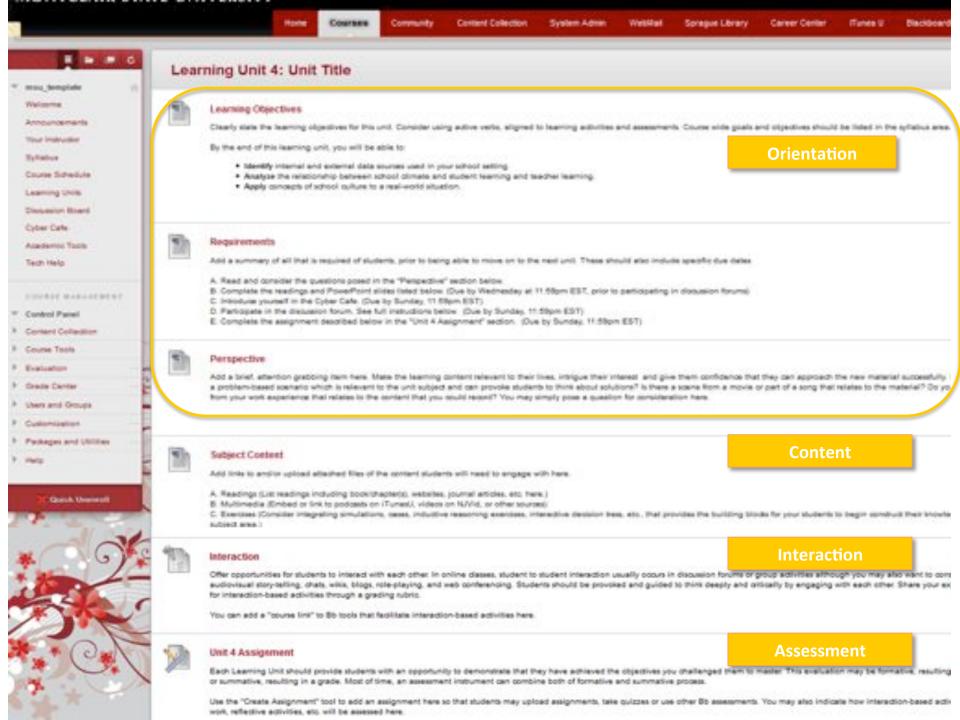
Webstall

Sprague Library

Career Center

| Learning Units | Time Duration (EST) | Activities | Assignment |
|----------------|-----------------------------------|------------------------|--------------------------------|
| Unit 1: Topic | (Mori) 12:01 AM - (Suri) 11:09 PM | Brisin Text, Chapter 2 | Cyter Cefé Group Discussion |
| init 2. Topic | (Mon) 12:01 AM - (Sun) 11:59 PM | | Service Control |
| Unit 3: Topic | (Minr) 12/01 AM - (Sun) 11/89 PM | | |
| Unit 4. Topic: | (Mor) 12:01 AM - (Sur) 11:09 PM | | |
| Jnit 5: Topic | (Mori) 12:01 AM - (Sur) 11:09 PM | | |
| Jrid & Topic | (Mon) 12:01 AM - (Sun) 11:50 PM | | |
| Jest 7: Topic | (Mon) 12:01 AM = (Sun): 11:59 PM | | |
| Unit 8: Topio | (Mor) 12:51 AM - (Sur) 11:58 PM | | |





Team Approach to Course Design

Instructional Designers (ID)

- Pedagogical consultation
- Recommend online best practices and appropriate technologies
- Design the presentation of your course content
- Design your Courses in the LMS using MSU Model

Faculty, Subject Matter Expert (SME)

- Work collaboratively with IDs
- Chunk course units
- Develop course content using the MSU Model
- Communicate with IDs for strategies, technologies, learning activities, etc.
- Conduct review and approval of the course



Technology Training and Integration

Empowering Online Teaching and Learning



Empowering Online Teaching AND Learning

the are pleased to learnth this control faculty development program and welcome you to our feet control. The project reacting environment provides it orman set of polabilities and controlled by the project of the pro the ent pleased to branch this circum faculty development judgment and selections you to our first colour. The ordine leading envelopment physides is unique sal of judgment and selections and selections are the colours of the physical selection and the colours of the physical selection and the physical selections are the physical selections for integrating accompanies instructional lactures are the physical selection and the physical selections. This program is immediately you with guidelines for integrating accompanies instructional lactures. includenges when compared to the traditional in-claserace, face-to-face environment, This program is intended to provide you with an owner-year of seathing and learning prices, an introduction to transcure procedure, the program is intended by provide you with guidelines for integrating depreciate for integrating depreciate for integrating depreciate for integrating seathing and learning and learning. These components are necessary to offer a fight-scaling cross learning departments. They are applicable for both scaling and learning.

reproduction to various pedagogical considerations. An orientation to best online practices, as well as to provide you with quistienes for integrating appropriate instructional technology to a feet the provided provided by the provided provided the provided provided the provided provided to the provided prov This observe is considered the periodogoal brack of our boulty development program (PCSF), the arms offer a technology track to strengthen year mankey of matructures sectionary and track to be periodogoal brack of our boulty development program, Planta find additional design Section 1.

This coules starts on October 1st and ends on October 28th, it is fully delivered prime by alligning the Discriboard Learning Management, System. THE COURSE IS SUPERSONNED THE DESCRIPTION OF THE STATE OF

- The goals of the course are to guide you to
 - One professional exp. peed business and minimizes to expresse prices strategies, seasonal extrategions
 - Studied assumentation of appropriates institutional technologists to expect your teaching grass.

This program includes the following but issuing units: Labrary Units

- Line 1: Introduction to Teaching and Learning Crone

This course benefits an designed by MSU's instructional design learn, guided by the research-based source design hours, byte Quality Mollers, Charge courses at MSU subspline. This course benefits the required and designation functional and interaction-functional approach. Similar year instruction to required a course benefits. This course uses a tempolate designed by MSU/s instructional design team, guided by the research based course design rubin; from Quarty Malters, Cycline on the course tempolate are designed with a teamer-carriered and interestion familiated approach. Email your instructor to required a citizy of this course tempolate. Unit 2: Online Seathing transgement Stransges Unit 3: Online Instruction and Interaction

To get started, watch the course overview others become their begin (dearing Lint) 1 (propage the "Learning Lints" line in the left course manual



Approach to Faculty Development

Models Best Practice

- Uses common online/hybrid course template (OCIA model & QM Aligned)
- Integrates replicable pedagogical approaches
- Leverages appropriate technology

Fosters a Social Learning Community

- Relies on group activities and peer support and feedback
- Leverages faculty participants' diverse prior experience

Integrates with Technology Track

Faculty participants may take technology training simultaneously

Overview of Four Learning Units

1

Introduction to Teaching and Learning Online

2

Approach to Online Instruction

3

Online Community and Interaction

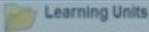
4

Online Learning Assessments & Other Key Topics

Learning Units How and where do I begin? Seriou are folders that represent learning units covering topics on online teaching and learning. Each learning unit needs to be completed within the time trains appetled before in can move forward. Please click the learning unit tills to access the materials and activities contained within each unit. When my are in each learning unit, staff to reading the Learning Objectives, Unit Requirements, and Perspective before engaging with the Subject Content and Assignments. Learning Unit 1: Introduction to Teaching and Learning Online Learning Unit 1 covers week 1 (Monday, March 4th 12:01 AM - Sunday, March 10th 11:59 PM EST), in this unit, we will discuss the benefits of online feaching the characteristics of online learners, as well as highlight the differences between online and tace-to-face leaching and learning environment In addition, we will introduce Quality Mattern' standards which include eccentral elements of high guality online courses, and the MSU course design model and lemplate. Learning Unit 2: Approaches to Online Instruction Learning Unit 2 covers week 2 Monday March 11th 1201 AB - Sunday March 17th 11 SBPW EST), in this unit, we introduce effective approaches to a instruction including guidelines, learning objectives, and examine how to effectively manage an entire course. This and also includes information an Learning Unit 3: Online Community and Interaction Learning Unit 3 covers week 3 (Monday March 19th 12:01 AM - Sunday March 29th 11:59 PM EST), In this unit, we examine expended components of online communities. We also review must types of interaction and discuss how to best promote interaction throughout students' online learning Learning Unit 4: Online Learning Assessments & Other Key Topics examine different types of assessments, and highlight best practices for effective outrine learning assessments, its addition, we fook at other teerings such as copyright and accessibility issues that may impact online teaching and learning.

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Learning Unit 3: Online Community and Interaction



Learning Unit 3 covers week 3 (Morbin: March 19th 1201 AM - Sunda; March 26th 1159 PM EST), In this unit, we examine expended components of ordine communities. We also review major types of interaction and discuss how to best promote interaction throughout students' ordine learning.



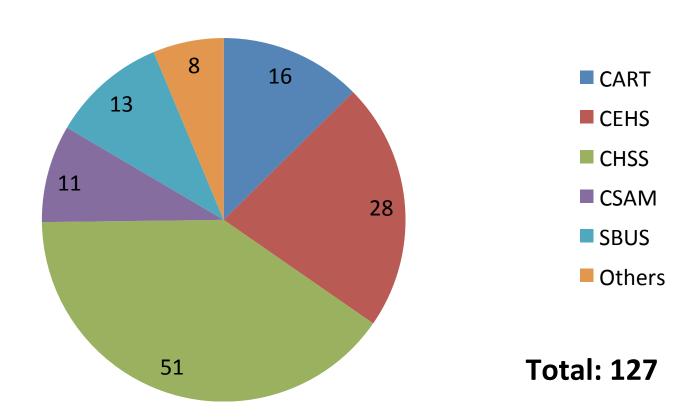
Learning Unit 4: Online Learning Assessments & Other Key Topics

Learning Unit 4 covers week 4 (Montas) March 25th 12:01 AM - Sunday, March 31ot 11:59 PM EST), In this pictive eligible unline learning easens may examine different tipes of assessments, and highlight best practices for effective ordine teaming assessments. In addition, we look at other key topic such as copyright and accessibility issues that may impact online leaching and learning

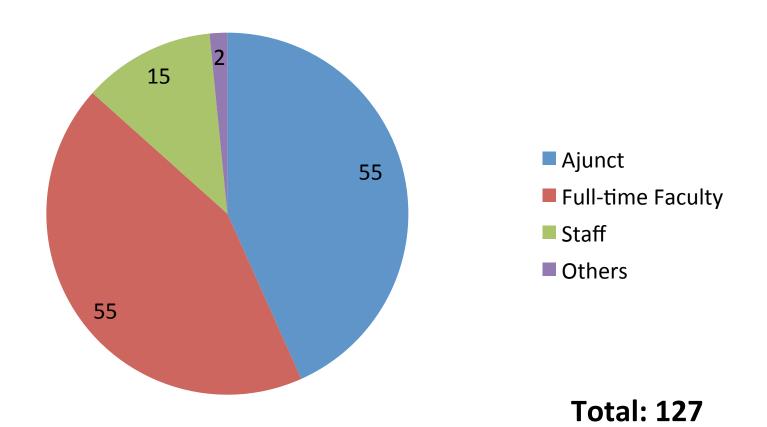
Cohort-based Offerings of FDP

- First launch in October 2012
 - Received 60 registrations within the first 3 days
 - Offered 2 cohorts
- 4 cohorts in Spring 2013
- 127 registrants so far
- Plan to offer one section in July 2013
- Continuous offerings each semester

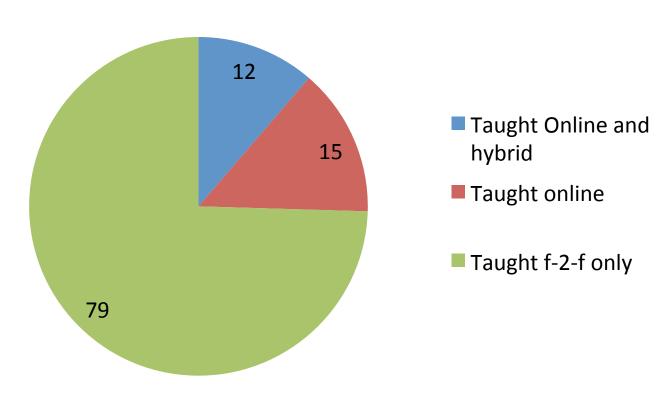
Faculty Participants by College



Faculty Participants by Status



Faculty Participants by Teaching Experience



Total: 106

Faculty Participant Feedback



"Before I took this course, I thought designing an online course meant simply recording my lectures and posting them online. Now I see what a small role the online lectures play."

Faculty Participant Feedback: What did you like most about the course?

"I liked the Cybercafe and learning who else was in the course and why."

"Practical ideas provided by the content. The experience of being a student in an online course."

"The excellent student discussions and information provided by participants who have experience teaching online."

"The resources; interactions with and ideas of colleagues from various programs and of various skill levels and experiences."



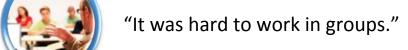
Faculty Participant Feedback:

What did you like the least about the course?

"Although I thoroughly enjoyed the course, it was very difficult to schedule the time required into my teaching schedule (class time, prep time, grading). I think it would be most useful during a less busy time for full-time instructors."

"Cohorts were a little small I thought, I wanted to engage with more people's ideas."

"I did not like to check again and again for my partners' contributions to the wikis or discussion boards and find out that they behave like my own students, procrastinating their work!!!"



FDP Process

- Instructional Designers' team work
- Plan, pilot, first launch, feedback, revision
- Spring offerings with 4 cohorts
- Revision in summer, reoffering
- Considering new FDP-related offerings



Technology Training and Integration

The Technology Training and Development Services



Technology Training & Development Services

TRAINING & DEVELOPMENT ... EVENTS BLACKBOARD ... TECHNOLOGY TOOLKIT CONTACT US ...

Search





1 2 3 4 5 6 7

Overview

Welcome to the Technology Training & Development Services website! It is our continued commitment to provide quality technology training and support services to our campus community, thus enabling our faculty, staff and students to effectively integrate technology into the teaching and learning environment and our administrative operating units. We achieve this mission by offering a wide variety of training opportunities (both face-to-face and online), faculty development programs, customized group training, consultation services and supportive web enhanced documentation. We remain highly focused on providing quality instruction demonstrating "Best Use" principles that enhance the teaching and learning environment at Montclair State University.

The Technology Training & Development Services website includes information and resources regarding training workshops, supportive documentation/resources and information regarding upcoming faculty/staff events.

Announcements



Monthly Bb System Maintenance:

Information Technology will be performing. monthly Bb system maintenance the last Thursday (10pm-1am) of each month, The next scheduled maintenance date will be on Thursday, October 27th from 10pm-12am. Blackboard will be unavailable during this time, MORE ...

Tech Tips

A New Set of TTI Web Resources

The TTI group has developed a new set of web resources to more effectively assist the University community. Please check it out. st Nttg://tti.montdair.edu/ More...

Training Calendar



Assessments in Blackboard SONLINE) & ONLINE

10:00 am Blackboard

Present course offerings: Align with pedagogy



3 Foundational courses are offered in sequential order

DESIGNING A STUDENT-FRIENDLY ONLINE COURSE

Introductory Course

Introduction to basic course design practices including features used to construct student-friendly navigation, effective content sequencing, etc



DESIGNING & FACILITATING INTERACTION IN BLACKBOARD

This workshop focuses on how to build an effective social learning environment utilizing discussion boards, blogs, wikis, journals and groups to facilitate online interaction and collaboration.

Interaction focused Workshop



DESIGNING ASSESSMENTS IN BLACKBOARD

This workshop focuses on how to build online assessment instruments by introducing assignments, exams, projects, etc. It is intended to help faculty effectively assess student learning.

Shift in Training Model





Foundation Courses

- Building a Student-Friendly Online Course
- Facilitating Online Interaction
- Designing Assessments Online



Individual Courses

- Transforming a f-2-f course to an Online/Hybrid Course
- Assessing Learning through scoring rubrics
- Facilitating Effective Online Teamwork and Collaboration
- Designing Accessible Online Course Materials



Technology Training and Integration

The Annual Summer Institute

The Annual Summer Institute

- A 3-day event in June
- A comprehensive and systematic approach to design and development of online courses
- Faculty Peer Presentations
- Theme oriented each day
 - Online Instruction
 - Online Interaction
 - Online Assessment

Summer Institute 2012



The 2012 TTI Summer Institute takes a comprehense and systematic approach to the design and development of online courses. It coaches faculty through the process of instructional design, introduces strategies for building online collaboration, and discusses methodologies for creating instructional activities and learning assessments. The institute is committed to promoting active learning, facilitating integrative collaboration, building effective online learning assessment, and developing successful online course management skills. This event demonstrates instructional technologies that can be integrated into online courses to facilitate online learning. It also provides an opportunity for faculty to share experiences and work on an online course with individual consultation provided by our Technology Training and Integration (TTI) staff.

Click the image to the right for 2012 presentations. All Summer Institute participants are enrolled into the Blackboard course, "TTI Summer Institute 2012 Workshops". Please log into the course for the workshop resources and documentation.





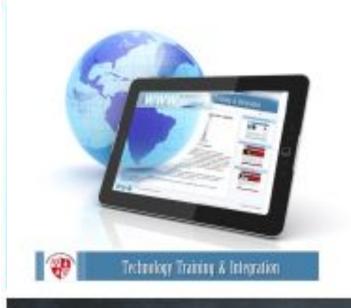
How the Summer Institute Works:

The Summer Institute will offer a broad range of perspectives on online and hybrid course design and teaching. Participants will learn about online program development at MSU and hear from faculty who have experience teaching online courses, are in the process of developing an online course, or who have effectively integrated technologies into teaching. Practical resources and information will be provided to participants regarding online course planning/analysis, design, development, implementation and evaluation. There will also be an opportunity to participate in relevant workshops and presentations focused on effective online instruction, interaction and assessment. Each day offers opportunities to collaborate and learn from colleagues as well as benefit from TTI's team of instructional designers and trainers as participants develop their own online or hybrid course.

Who Should Attend?

Montclair State University faculty who:

. Man on and are interested in teaching Hybrid/online courses.



Technology Training and Integration

The Web Resources



Technology Training & Integration

Search Q

Welcome to the Technology Training & Integration website



Technology Training & Integration Mission Statement:

The Technology Training and Integration Group (TTI), a subdivision of the Office of Information Technology, is committed to providing services, support, and education to the campus community in order to effectively integrate technology into instructional and administrative operating units. We achieve this mission by offering a wide variety of training opportunities, faculty development programs and initiatives, and instructional design expertise delivered in a manner that is customized in order to facilitate, support, and enhance the scholarship of teaching and learning through the use of technology. Our focus is on adapting emerging and promising technologies to the teaching curriculum and demonstrating best pedagogical uses that will enhance the learning environment.

For Further Assistance please E-mail Susan Graham or call 973-655-5449. Meet the TTI GROUP







Training & Development



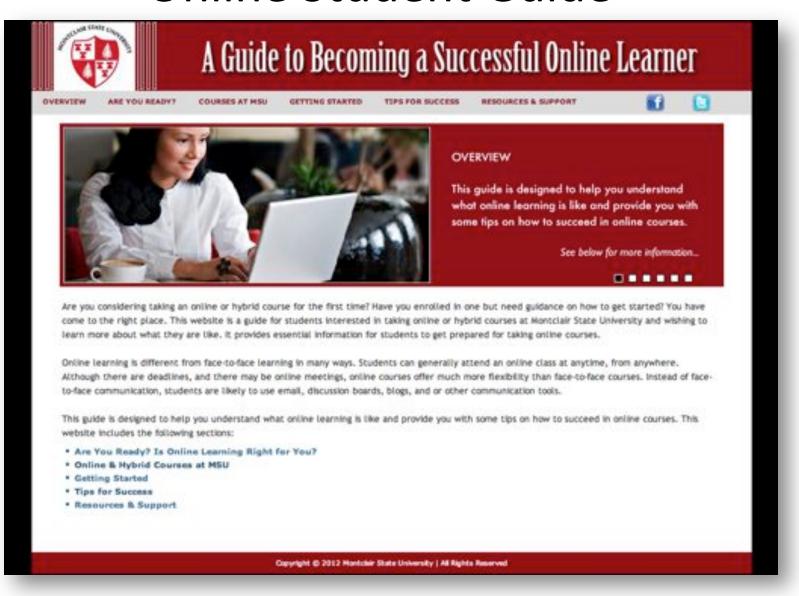
Instructional Design



We are often asked "What is instructional design?" Simply speaking, instructional design is a systematic and continuous process which is deeply rooted in learning principles/theories and is supported by educational technology to develop the most effective and efficient learning experience for students. Instructional design processes and methodologies can be applied to any subject or discipline across any educational delivery mode, such as face-to-face, hybrid and purely online. The instructional design process is a team-oriented collaboration, which includes faculty as subject-matter experts, instructional Designers and multimedia specialists, as needed.

This Instructional Design Services Website includes resources on course design, faculty development, online pedagogy and instructional design consultation. The website is designed to assist and guide faculty on how to start the online course development process and introduces what is involved in online teaching and learning. It serves as a foundational resource for online and hybrid course development and online teaching practice at Montclair State University.

Online Student Guide



Resources

- Technology Training and Integration http://tti.montclair.edu/
 - Instructional Design Services: http://tti.montclair.edu/instructionaldesign/
 - Technology Training & Development Services: http://tti.montclair.edu/training/
 - MSU's Guide to Becoming a Successful Online Learner: http://tti.montclair.edu/studentonline/

Questions?

- Yanling Sun: <u>suny@mail.montcair.edu</u>
- Carolyn Demefack: demefackc@mail.montcair.edu