

# Distance Learning Tools: Real-Time Online Teaching and the Course Management Toolbox

Professor Fred J. Rees, Chair  
Music and Arts Technology  
Indiana University Purdue University Indianapolis

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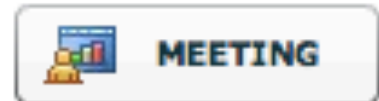


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## My Meetings

View



Name	St...	Role
N515 Fall 2010 C... <a href="#">Open</a>	09...	Host
N515 Fall 2010 C... <a href="#">Open</a>	09...	Host
N515 Fall 2010 C... <a href="#">Open</a>	09...	Host
N515 Fall 2010 C... <a href="#">Open</a>	08...	Host
N515 Fall 2010 C... <a href="#">Open</a>	08...	Host
tbrimmer test <a href="#">Open</a>	07...	Host
Gille Comeau Ses... <a href="#">Open</a>	06...	Host
N522 Class #11 ... <a href="#">Open</a>	06...	Host
Ottawa test mee... <a href="#">Open</a>	06...	Host
N522 Class #10 ... <a href="#">Open</a>	06...	Host

## N515 Fall 2010 Class #5

## Overview

**Name** N515 Fall 2010 Class #5

**URL** <http://breeze.iu.edu/r78144431/>

## Summary

**Start Time** 09/21/2010 5:45 PM

**Duration** 03:00

**Language** English

**Conference Numbers:**
**Participant Code:**

**Attendee List (1)**

My Status: Active

Fred Rees


**Class 5 Development and Design of Multimedia Titles.pptx**

File Share

Name	Size
do you know.docx	40 KB
5662676_do you know.docx	40 KB

Upload File Save To My Computer

**Camera and Voice**



Fred Rees

**Breakout Rooms: Configuration**

Assign Begin Breakouts

- Main Meeting (0)
- Breakout 1 (1) x
  - Fred Rees
- Breakout 2 (0) x
- Breakout 3 (0) x

Add Breakout +

# Development and Design of Multimedia Titles

**Chat**

To: Everyone

**Poll**

Question Multiple Choice

Answers (One per line)

Prepare Open Poll Close Poll

**Web Links 2**

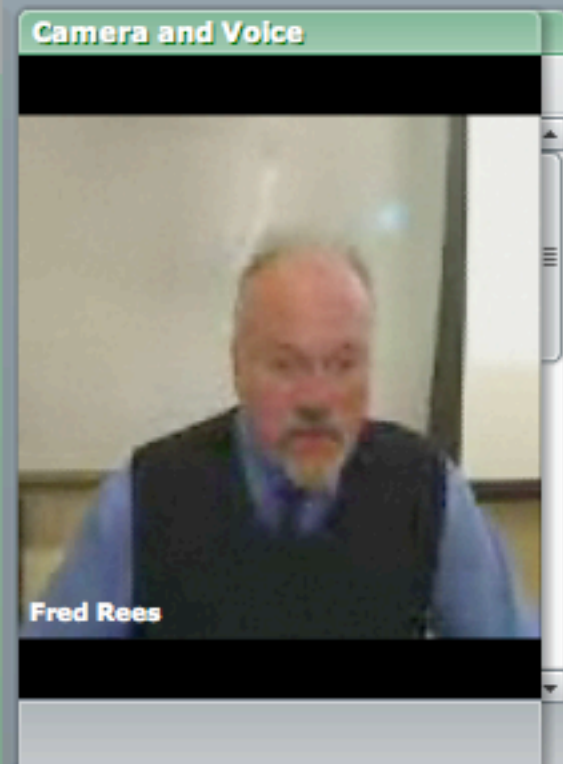
Browse To

**Note**

Share Stop Sharing Full Screen Sync

Talk Sharing +





**Chat**

**Nick:** thats pleasant  
**Mike Jones:** fractals  
**Dan:** uh oh, someone divided by 0  
**Stephanie:** the published sources is showing in breeze and the video is in iStream  
**Bryan:** can you tell me the iStream link?  
**Pete Shaulinski :**  
[https://www.indiana.edu/~istream/cas/flash/live\\_flash.cgi?filename=MUS-N\\_516\\_21684](https://www.indiana.edu/~istream/cas/flash/live_flash.cgi?filename=MUS-N_516_21684)

**Note**

**Online published sources.ppt**

**Online Published Sources**

<http://alexanderstreet.com/products/bakr.htm>  
(online music encyclopaedia)

[http://library.music.indiana.edu/music\\_resources/journals.html](http://library.music.indiana.edu/music_resources/journals.html)  
journal database

<http://mixonline.com/>  
typical online version of topical magazine

<http://www.alternatemusicpress.com/amp.html>

<http://asastore.aip.org/shop.do?clD=20>  
Acoustical Society of America online bookstore

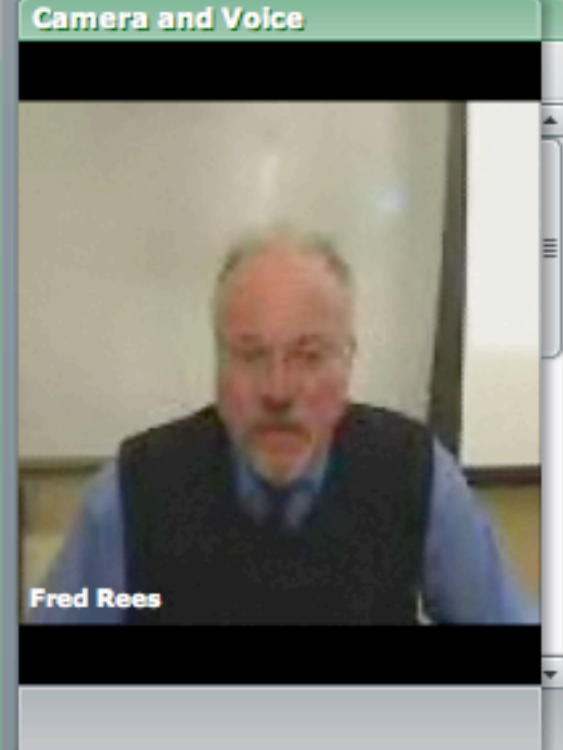
<http://asa.aip.org/classroom/booklet.html>  
typical online book

<http://research.umbc.edu/eol/eol.html>  
online ethnomusicology journal

<http://www.leeds.ac.uk/music/info/critmus/articles/1997/02/01.html#eg06>  
online musicology journal

PLAYING... 0:03:21





for next week....I am online on vacation in Florida...(this is my job's spring break) the wif is weak at best...I have already been kicked off twice due to weak wifi connectivity) I will contact all of my participants in the Text/hypertext area of this assignment to communicate with them  
**Aaron Lambert:** sorry for the long message.....

**EOL**  
*Ethnomusicology*  
*OnLine*  
peer-reviewed  
multimedia  
ejournal  
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ISSN 1092-7336

[Nine \(2005\)](#)

- **interview**  
[Tsugaru shamisen](#)
- **reviews**  
[shakuhachi book](#)  
(Lee)
- [Umm Kulthum book, film](#)  
(Pacholczyk)
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(Palombini)

[Seven \(2001\)](#)



Attendee List (9)

- Fred Rees
- Emmett O'Leary
- Graham Spice
- suswilli
- Aaron Lambert
- Brian Busch
- Kathryn
- Nick
- Ryan Malone

Chat

**Graham Spice:** sure, I'm good for video  
**Nick:** Sorry I'm late...  
**Emmett O'Leary:** I'd like to  
**suswilli:** I can but I need to figure out how to do it  
**Emmett O'Leary:** I'd like to  
**suswilli:** I can do the video dr rees  
**suswilli:** do I want to share the computer screen  
**Emmett O'Leary:** 4.6 million  
**Nick:** more  
**Ryan Malone:** If the growth rate remains constant the number could be 6 million this fall

Note

Share Camera and Voice





- Attendee List (30)**
- Fred Rees
  - Fred Rees 2
  - Aaron L. Hern
  - Albert Pickens
  - Andrew Martin
  - Austin
  - Brian Busch
  - Chris D
  - Chris Dobbs
  - Chris Roode

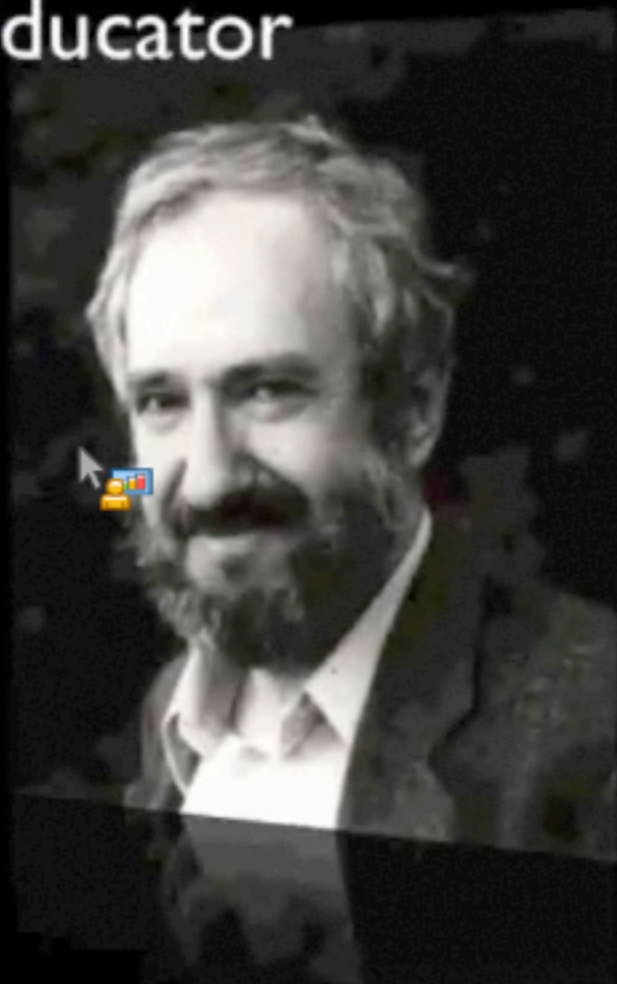
Graham Spice: good job Joshua  
 Chris Dobbs: good work Joshua  
 Shequez Morman: lol  
 Justin Riley: that's awesome  
 Fred Rees 2: Outstanding presentation. It was worth the fussing to get it up and running.  
 joshua fielder: I've really got to get the details of video conferencing down!  
 Justin Riley: great job!  
 Chris D: great job sam  
 Andrew Martin: The entire presentation is here:  
<http://www.youtube.com/watch?v=QZEXzPEKALg>

**Note**

**Share - Fred Rees**

# Seymour Papert

- Mathematician, Computer Scientist, Educator
- Born 1928 in Pretoria, South Africa
- Two Ph.D.'s in Mathematics
- Professor at MIT



PLAYING... 0:53:02





**Chat**

**Kevan Johnson:** yes  
**ethans!:** the first guy went last  
**Josh Demaree:** The slide didn't change?  
**Josh Demaree:** I see, nevermind  
**Nick:** are reviewing the pp or the actual project?  
**Kevan Johnson:** the eval sheet doesnt really seem to fit with evaluatin today's presentations

**Note**

Share - Fred Rees



Using the Multimedia of Podcasting to Improve Jazz Education

Kevin Celebi  
 N515 Presentation  
 December 8th, 2009

0:27:46



- Attendee List (28)
- chips
  - Fred Rees
  - Aaron Lambert
  - Aaron U
  - adam
  - Adam
  - Ashleigh
  - ashley rogers
  - Bryan
  - Caroline
  - Dan

Chat


**Tyson:** can you put the link in the chat? is that an option?  
**Jason:** whoo!!  
**Tyson:** haha  
**Tyson:** lol  
**greg brown:** wow  
**Tyson:** Pete, you a funny man  
**Pete Shaulinski:** lol  
**Aaron Lambert:** does anyone know the name of the folder we need to load or presentations to?  
**Aaron Lambert:** in the snapsrver

Note

Share - chips

## VII. Project Tools and Resources

Digital Audio workstation  
Midi Keyboard  
Audio Interface  
Microphones  
Video Editing software



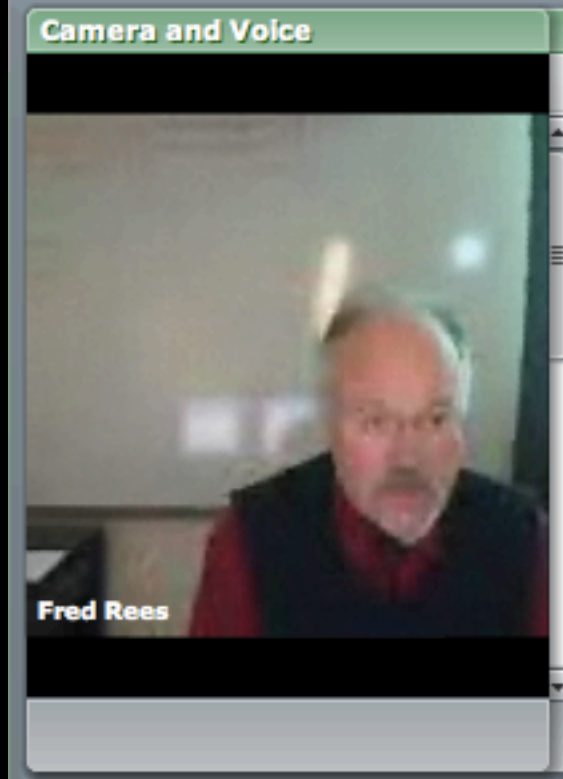
## VIII. Pilot Study

There will be online viewing of the project and followed by questions. Sponsor will fill out different survey

1. What emotional impact did the audience feel during this section?
2. Did the sounds chosen enhance the video? Why or why not
3. Did the internee complete the assignment on time?



PLAYING... 0:56:08



Chat

stories  
**batman:** 'that's crazy'  
**Spock:** it is logical to think the brain can gather information incidently  
**Aaron Lambert:** no it was my comment  
**Tyson:** practice?  
**Josh Demaree:** multiple glimpses of the same thing ean more memory blocks taken up mean higher likelihood of remembering it

Note

Cranny-Francis on Connection.ppt

# On Memory

- Human memories exist as traces that are reconstructed in the process of making sense of the present

[http://www.cc.gatech.edu/classes/cs6751\\_97\\_winter/Topics/human-cap/memory.html](http://www.cc.gatech.edu/classes/cs6751_97_winter/Topics/human-cap/memory.html)

<http://rapidbi.com/created/Millermagicalnumberseven7.html>

<http://cogprints.org/730/0/miller.html>

PLAYING... 0:19:39

iStream: Section 2863

https://www.indiana.edu/~istream/cas/choose\_output.cgi?section\_id=2863&semester=fall10

Bonjour Music and Ar...gy at IUPUI Academic Ran...niversities IUPUI: India...Indianapolis Apple Yahoo! Google Maps YouTube Wikipedia News (349) Popular

**INDIANA UNIVERSITY**

Streamed Class Sessions for 2863

Department	Course ID	Section	Date	Part	Media Type	Stream (click to play)	Download
MUS-N	515	2863	09/14/2010		MPEG4	<a href="#">Flash Player</a>	<a href="#">Download</a> (688.89M)
MUS-N	515	2863	09/07/2010		MPEG4	<a href="#">Flash Player</a>	<a href="#">Download</a> (704.38M)
MUS-N	515	2863	08/31/2010		MPEG4	<a href="#">Flash Player</a>	<a href="#">Download</a> (704.34M)
MUS-N	515	2863	08/24/2010		MPEG4	<a href="#">Flash Player</a>	<a href="#">Download</a> (704.28M)

[Return to Main iStream Page](#)

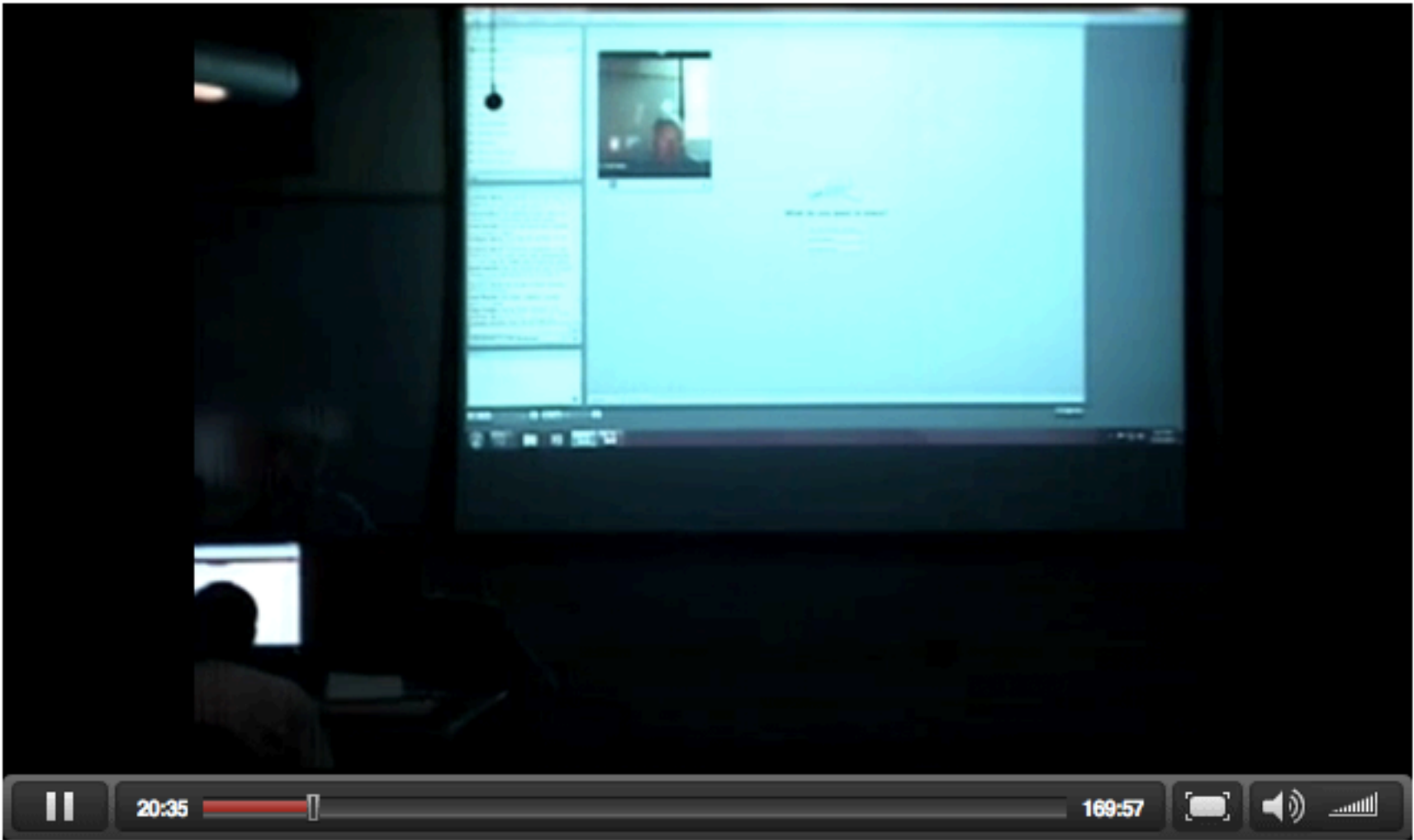
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Oncourse : My Workspace : Home

https://oncourse.iu.edu/portal#

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My Workspace 2010 Schol. Apps BSMT FA08 IN MUS E400 3114 FA08 IN MUS E536 5805 - more -

**Message of the Day**

To change the sites that appear in your tabs or to show or hide a site in this menu, click [Customize Tabs.](#)

**Options**

**Tell others about yourself**  
The Profile tool in My Workspace allows you to share information, including a picture, with your instructor or private. See [Oncourse Profile](#) for more information. [Post your profile.](#) [Posted 9/21/10]

**Communication tips**  
Instructors: There are many ways to communicate among all your course participants. See [Communication Tips](#) for more information. [Posted 9/16/10]

**Set your grade scale**  
Instructors: There is a default grade scale for each course. You can change the default no official IU grade scale. See [Set your grade scale](#) for more information. [Options](#) and edit the listed options. [do I change the grade entries?](#) [Posted 9/14/10]

**Oncourse CL Support**

- Request a practice exam
- Training and support
- Summary of known issues
- Message of the Day

**My Workspace Information**

**Options**

FALL 2010	SUMMER 2010	SPRING 2010
<a href="#">FA10 IN MUS N515 2862</a>	<a href="#">SU10 IN MUS E536 3846</a>	<a href="#">SP10 IN MUS L200 28453</a>
<a href="#">FA10 IN MUS N515 2863</a>	<a href="#">SU10 IN MUS E536 4339</a>	<a href="#">SP10 IN MUS N516 21683</a>
<a href="#">FA10 IN MUS N515 C16316</a>	<a href="#">SU10 IN MUS E536 C16287</a>	<a href="#">SP10 IN MUS N516 21684</a>
	<a href="#">SU10 IN MUS N518 3859</a>	<a href="#">SP10 IN MUS N516 C14171</a>
	<a href="#">SU10 IN MUS N518 3860</a>	
	<a href="#">SU10 IN MUS N518 C15969</a>	<b>FALL 2009</b>
	<a href="#">SU10 IN MUS N522 13667</a>	<a href="#">FA09 IN MUS E400 16445</a>
	<a href="#">SU10 IN MUS N522 13668</a>	<a href="#">FA09 IN MUS E536 18816</a>
	<a href="#">SU10 IN MUS N522 C15968</a>	<a href="#">FA09 IN MUS L200 34024</a>
		<a href="#">FA09 IN MUS N515 16475</a>
		<a href="#">FA09 IN MUS N515 16476</a>
		<a href="#">FA09 IN MUS N515 C12291</a>
<b>SUMMER 2009</b>	<b>SPRING 2009</b>	<b>FALL 2008</b>
<a href="#">SU09 IN MUS E536 C11649</a>	<a href="#">SP09 IN MUS E536 21552</a>	<a href="#">FA08 IN MUS E400 3114</a>
<a href="#">SU09 IN MUS N516 11927</a>	<a href="#">SP09 IN MUS E536 22824</a>	<a href="#">FA08 IN MUS E536 5805</a>
<a href="#">SU09 IN MUS N516 11928</a>	<a href="#">SP09 IN MUS N516 21582</a>	<a href="#">FA08 IN MUS N515 3146</a>
<a href="#">SU09 IN MUS N516 C11341</a>	<a href="#">SP09 IN MUS N516 21583</a>	<a href="#">FA08 IN MUS N515 3147</a>
<a href="#">SU09 IN MUS N518 7458</a>	<a href="#">SP09 IN MUS N516 C10241</a>	<a href="#">FA08 IN MUS N515 C8344</a>
<a href="#">SU09 IN MUS N518 7459</a>		<a href="#">FA08 IN MUS Z315 28179</a>
<a href="#">SU09 IN MUS N518 C11340</a>		<a href="#">FA08 IN MUS Z315 3180</a>
		<a href="#">FA08 IN MUS Z315 C8342</a>
<b>SUMMER 2008</b>	<b>PORTFOLIOS</b>	<b>OTHER</b>
<a href="#">SU08 IN MUS E536 7392</a>	<a href="#">BSMT</a>	<a href="#">My Workspace</a>
<a href="#">SU08 IN MUS E536 8024</a>		
<a href="#">SU08 IN MUS E536 8064</a>	<b>PROJECTS</b>	
<a href="#">SU08 IN MUS E536 8065</a>	<a href="#">2010 Schol. Apps</a>	
<a href="#">SU08 IN MUS E536 C8133</a>	<a href="#">NASM Self Study Site</a>	
<a href="#">SU08 IN MUS N515 12241</a>	<a href="#">CYSL 2+2 Development</a>	

**New Messages**   **New in Forums**

	New Messages	New in Forums
	none	none
16	6 <input type="checkbox"/>	32 <input type="checkbox"/>
	none	none
	none	none
87	6 <input type="checkbox"/>	none
	none	none
7	none	none
68	25 <input type="checkbox"/>	40 <input type="checkbox"/>
3	none	none
4	1 <input type="checkbox"/>	none
71	24 <input type="checkbox"/>	90 <input type="checkbox"/>
5	none	none
6	none	none
4	none	none
6	1 <input type="checkbox"/>	none
91	23 <input type="checkbox"/>	244 <input type="checkbox"/>
49	3 <input type="checkbox"/>	none
41	1 <input type="checkbox"/>	194 <input type="checkbox"/>
40	2 <input type="checkbox"/>	none
4	none	none
41	2 <input type="checkbox"/>	151 <input type="checkbox"/>
	none	none
2	58 <input type="checkbox"/>	none
3	none	none
8	none	135 <input type="checkbox"/>
9	1 <input type="checkbox"/>	none

Users present: Fred J Rees

- Home
- Syllabus
- Roster
- Assignments
- Resources
- Library Resources
- Gradebook
- Messages
- Forums
- Announcements
- Chat Room
- Site Setup**
- SIS Grade Roster
- Help

[Enter student view](#)

- Users present:
- Brian Busch
  - Dave Martin
  - Gardner
  - Michael Jay Kelly
  - Michael Maroon
  - Plewa
  - Matthew Joseph

**Site Setup**

- [Edit Site Information](#) | [Edit Tools](#) | [Reorder Tools](#) | [Add Participants](#) | [Manage Groups](#) | [Manage Access](#) | [Import from Site](#) | [Import from File](#)

**FA10 IN MUS N515 C16316**

Term: FALL 2010  
 Roster(s) with site access:  
 Site Contact and email: Fred J Rees, [frees@iupui.edu](mailto:frees@iupui.edu)  
 Available to: Site participants only  
 Display in public site list (share public files / announcements / syllabus): no  
 Creation Date: Jul 1, 2010 1:59 pm

**Site Description**  
 Combined Course

**FA10 IN MUS N515 C16316 Participant List (# 34)**

Viewing 1 - 34 of 34 items  
 show 200 items per page

Name	Id	Credits	Role	Status	Remove
Bacon, Gregory Allen ( gbacon )			student	Active	<input type="checkbox"/>
Bowers, Michael Robert ( mirobowe )			student	Active	<input type="checkbox"/>
Busch, Brian ( brbusch )			student	Active	<input type="checkbox"/>
Desjardins, Christopher Bernard ( cbdesjar )			student	Active	<input type="checkbox"/>
Dixon, Matt T ( matdixo )			student	Active	<input type="checkbox"/>
Dobbs, Christopher Stephen ( csdobbs )			student	Active	<input type="checkbox"/>
Dominy, Nathaniel Adam ( nadominy )			student	Active	<input type="checkbox"/>
Fielder, Joshua Brian ( jobfield )			student	Active	<input type="checkbox"/>
Forrester III, William Alonzo ( waforres )			student	Active	<input type="checkbox"/>
Gardner, Dave Martin ( gardnedm )			student	Active	<input type="checkbox"/>
Gragg, Joel Matthew ( imgragg )			student	Active	<input type="checkbox"/>

# Specific Outcomes

1. Cohort Effect
2. Virtual second class within the class
3. Online students tended to perform better than oncampus students
4. Students' presentations at a distance were often more inventive than oncampus students
5. Students in the course from non-traditional music disciplines (e.g., audio engineering, multimedia production, studio recording, music technology, film and film music production, music for games, music business) added their expertise to the classes
6. For the MS Music Technology programme (1999-2011), of 167 graduates, 49 did not possess undergraduate degrees in music (although all had formal music training at some level)
7. The final projects of these 49 graduates were generally technically and creatively better than those with undergraduate music degrees