

# Syllabus for 1202DETC\_620\_9040

## Faculty Contact Information

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## Course Introduction

- This is a 3-credit graduate course.
- Semester covers 12 weeks.
- The course consists of consisting of units of study, covered over a 12 week term.
- The course officially begins on Jan 23, 2012 and ends on April 15th, 2012.
- The last date for withdrawal without penalty is: March 16th, 2012.
- Students are encouraged to contact their instructor as needed.

## Course Description

(Formerly OMDE 620. Developed by Joachim Hasebrook of Germany.) An examination of the use of digital media in a variety of educational settings to identify properties, strengths, and weaknesses of multimedia in different learning contexts. Basic psychological processes of perception, understanding, and learning are introduced. Focus is on multimedia and instructional design for online learning systems, such as Web-based training. Hands-on experiences with several multimedia and online learning and information systems are provided. Topics also include groupware and collaborative learning technologies, intelligent systems, instructional simulations, and virtual reality systems.

## Course Goals/Objectives

At the end of this course, students should be able to:

- define learning with multimedia.
- describe the development of media in the history of DE as a function of interaction and independence.
- identify the basic psychological processes involved in multimedia learning.
- outline the basics of sensation and perception in processing multiple media.
- explain the rationale of multimedia design principles.
- identify the opportunities for learning and teaching that multimedia learning affords.
- develop criteria for the evaluation of multimedia applications.
- apply these criteria and critically analyse various multimedia products.
- develop a proposal for a multimedia project.

## Course Materials

[Click here to view the required and recommended materials to be purchased and to access ordering information.](#)

## Grading Information and Criteria

- Assignment #1 Media Debate (15% of course grade)
- Assignment #2 Multimedia Evaluation (30% of course grade)
- Assignment #3 Multimedia Project Proposal (30% of course grade)
- Assignment #4 Podcast Presentation (15% of course grade)
- Another 10 % is awarded for online participation

## Project Descriptions

Assignment #1: Media debate - see details in Conference entitled Unit 2. Due date: end of Week 4

Assignment #2: Review of two multimedia products - see details in Conference entitled Unit 3. Due date: end of Week 8

Assignment #3: Multimedia project proposal - see details in Conference entitled Unit 4. Due date: end of Week 12

Assignment #4: Podcast presentation of project proposal - see details in Conference entitled Unit 4. Due date: end of Week 12

# Course Schedule

DETC 620 Learning and Training with Multimedia  
Spring 2012

Dr Jill Fresen

Week	Session Dates	Units, assignments and due dates
1	Jan 23 - 29	<b>Unit 1: Welcome and introduction</b>
2 - 4	Jan 30 - Feb 19	<p><b>Unit 2: Media and learning</b></p> <p><u>Assignment #1</u> Students prepare arguments in groups and participate in an online discussion ("Media Debate"). (15% of course grade). The discussion will take place from <b>Feb 14-19</b>.</p>
5 - 8	Feb 20 - Mar 18	<p><b>Unit 3: Evaluation of multimedia applications</b></p> <p><u>Assignment #2</u> As members of a jury in a multimedia award, students are to select multimedia examples and write an expert appraisal that discusses the quality of the products. This assignment is due at the <b>end of Unit 3 (Mar 18)</b>. (30% of course grade).</p>
9 - 12	Mar 19 - Apr 15	<p><b>Unit 4: Proposal and audio presentation (podcast) for a multimedia project</b></p> <p><u>Assignment #3</u> <u>Assignment #4</u> At the <b>end of Unit 4 (April 15)</b> students are to submit an individual multimedia project proposal and an audio presentation (podcast) introducing and defending their proposal. (30% of course grade) and a podcast presentation (15% of course grade).</p>
13	Apr 16 - 19	<b>Feedback and reflection</b>

