

# Advanced Multimedia

## 1. Class Information

1. **Course Title:** Topical Seminar: Advanced Multimedia
2. **Course Number:** 5100:630-083 (80006)
3. **Dates:** Fall Semester 2002 (Aug. 26 to Dec. 2)
4. **Times:** Monday 4:50pm to 7:20pm
5. **Location:** Zook 435
6. **Instructor:** Dan Berlyoung
  1. **e-Mail:** danb@uakron.edu
  2. **Phone:** 330-785-1326

## 2. Course Description

1. This course will introduce the Instructional Technology graduate student to Interactive Multimedia and its role in the world Education. The students will become familiar with the tools provided by Macromedia Director by creating an interactive multimedia project.
2. Other tools will be used in the creation of the collateral material needed for this project. (Photoshop, SoundEdit 16, iMovie, etc.) Therefore this course assumes a reasonable familiarity with these tools as well as the Macintosh and/or Windows operating systems in general.
3. Organizational tactics, design considerations, and overall project design methodologies will be covered.

## 3. Course Objectives

1. To understand the organization of a multimedia project.
2. To understand the restrictions of a multimedia project.
3. To understand the strengths of a multimedia project.
4. To become familiar with Macromedia Director.
5. To become familiar with the organization of Director.
6. To become familiar with organizing collateral material in the cast windows in Director.
7. To become familiar with the different content editors inside of Director.
8. To become familiar with creating linear animations in Director.
9. To become familiar with creating interactive elements using Lingo in Director.
10. To become familiar with the process of creating a stand-alone self running Director project.
11. To become familiar with the process of creating a CD-ROM.

## 4. Rationale

1. The object of this course is to provide the student the opportunity to learn, make decisions about, and use interactive multimedia authoring software, as it relates to the development of educational courseware. Interactive educational software has a great impact on today's society and modern multimedia authoring allows the layman to create near professional quality products for use in the classroom with only a moderate level of computer skill and effort. This course will provide the education student the opportunity to acquire these skills and become familiar with one of the most popular tools.

## 5. Suggested Texts

### 1. Macromedia Director 8, Creating Powerful Multimedia Against The Clock Performance Support & Training Systems

1. Publisher: Prentice Hall
2. ISBN: 0-13-032523-6
3. List Price: \$39.99 (Amazon: \$37.33)

### 2. Director In A Nutshell

1. Author: Bruce A Epstein
2. Publisher: O'Reilly
3. ISBN: 1-56592-382-0
4. List Price 24.95 (Amazon: \$19.96)

### 3. The Lingo Programmer's Reference

1. Author: Darrel Plant, Doug Smith
2. Publisher: Ventana
3. ISBN: 1-56604-695-5
4. List Price \$39.99 (Amazon: \$31.99)

### 4. Lingo In A Nutshell

1. Author: Bruce A Epstein
2. Publisher: O'Reilly
3. ISBN: 1-56592-493-2
4. List Price 24.95 (Amazon: \$19.96)

## 6. Course Schedule (by week)

1. Introduction, Semester Overview, Quickie Animation
2. Project Planning and Movie Organization
3. Introduction to Macromedia Director
4. Collateral Material Introduction
5. Buttons, Menus and Movie Organization
6. Movie Playback Control
7. Menu Movie Overview
8. Interface Design
9. Stand Alone Projectors
10. Project Review
11. Lingo and Behaviors Review
12. Custom Behaviors #1 & #2
13. CD Mastering
14. Final Project Due Exam Week

*(This is a proposed schedule, it can and probably will change as the course progresses.)*

## 7. Evaluation Criteria

**1. There will be a single project due at the end of the class. There will be progress checks several times during the semester.**

**2. Point breakdown:**

1. Attendance: 10%
2. Participation: 10%
3. Project: 80%

**3. The project will be graded primarily on technical merit. While aesthetic aspects are important, they are not the primary concern of this class. Nevertheless, a project should look good as well as work correctly.**

**4. Due to the project nature of the grading, there will not be any formal mid-course grades given. But, I will be personally working with all students and offering opinions, suggestions, and evaluations at almost every class session so the instructor feedback will be fine-grained and continuous.**

**5. Grade Assignments:**

- |        |              |
|--------|--------------|
| 1. A   | 100-94 %     |
| 2. A-  | 93-90        |
| 3. B+  | 89-86        |
| 4. B   | 85-82        |
| 5. B-  | 81-78        |
| 6. C+  | 77-74        |
| 7. C   | 73-70        |
| 8. C-  | 69-66        |
| 9. D+  | 65-62        |
| 10. D  | 61-58        |
| 11. D- | 57-54        |
| 12. F  | 53 and under |