Instructor: James A. West, Ed.D., MLS  
Phone: 309-298-2963  
Fax: 309-298-2978  
Email: ja-west2@wiu.edu (Make sure you include the “2” in the email address.)  
Office: Horrabin Hall – 95A  
Office Hours: Tuesday and Thursday: 8:30 – 9:30; Monday-Friday by appointment: via Phone or Skype  
Email: ja-west2@wiu.edu  (Include the “2” in the email address.)  
Office: Horrabin Hall – 95A  
Office Hours: Tuesday and Thursday: 8:30 – 9:30; Monday-Friday by appointment: via Phone or Skype  
Mailing address: B39 Knoblauch  
  Western Illinois University  
  Macomb, IL 61455

Course Description:
The purpose of this course is to enable you to design and develop an interactive, multimedia-based instructional product. This course builds on IDT 510: Principles of Instructional Design, in which you learned the knowledge and skills required to perform each step in an instructional design process model. Now you will follow the instructional design process and apply the skills you have gained in previous IDT courses to develop an interactive, multimedia-based instructional product.

Course Goals:
At the end of this course, you should be able to:
- Describe the advantages and disadvantages of multimedia-based instruction.
- Explain how the ID process model is used in developing multimedia-based instruction.
- List elements that make up an outstanding multimedia-based instructional product.
- Explain the importance of the analysis phase in instructional design.
- Define “instructional alignment” as it pertains to the Smith and Ragan ID model.
- Conduct a front-end analysis.
- Design instructional strategies appropriate to the goals identified in the front-end analysis.
- Develop a multimedia-based instructional product.

Prerequisites:
IDT 510 is a prerequisite for IDT 540. If you have not had IDT 510, you need Instructor permission to take this course.

Texts and Materials:
Recommended:
- Smith, Patricia L. & Tillman J. Ragan. (2005). Instructional design (3rd ed.). Upper Saddle River, NJ: Merrill. (You should have this already from IDT 510. If you have the 2nd edition, you do not need to purchase the 3rd edition.)
- Materials fee: $40.00 to be paid to the IDT department (graduate level courses)

Strongly Recommended:
- Lectora Professional Publishing Suite by Trivantis. This is the authoring application we will use to develop the interactive, multimedia-based instructional product. The IDT department will have copies for $80.00 by Weekend 2 (the normal fee is over $3,000.00). You must have access to this software to complete the course. The lab in Horrabin 72 has the software. You will not be able to complete your project during class time.
Course Focus and Format:
This course emphasizes applying theory and research to design and develop a multimedia-based instructional program. You will follow the instructional design process model described in the Smith and Ragan book to create an instructional product that is approximately one hour in length. You will use the Lectora authoring program to develop your multimedia-based instructional program; however, the emphasis of the class is on following the ID process rather than learning a new software program.

This course will require a considerable amount of time (120-150 hours), much of it outside the classroom. Since we only meet three weekends, it is critical that you remain current with the various assignments that are given throughout the course. Prior students have shown that if you stay current with the assignments, the overall requirements for the course are not difficult. On the other hand, if for any reason you do not stay current in completing the various assignments, it becomes virtually impossible for you to complete the work required to successfully complete this class.

This course syllabus has been prepared to help you in meeting the goals of the course. In addition to the syllabus, I will provide outlines for each of the three weekend sessions. These outlines will describe the agenda for the weekend, the learning objectives, and the assignments.

This course has been divided into the following instructional units that correlate with the three weekends the course is offered. Each weekend will concentrate on a specific part of the instructional design process according to the Smith and Ragan text:

Weekend 1: Analysis
Weekend 2: Design
Weekend 3: Development

Attendance:
Class attendance is mandatory. Some course requirements are tied specifically to the lectures and activities conducted in class; it will be impossible for me to cover a weekend with you individually if you miss a class. If you cannot attend all of the three weekend sessions, you should drop the course.

Students with disabilities who request classroom accommodations must establish a file with Disability Support Services in Memorial Hall, room 200. Only students with a file in the Disability Support Services office will receive accommodations. All student disability information remains confidential.

During the course, you will be involved in the following major activities:

1. Participating in class discussions and activities.
2. Completing course assignments.
3. Designing and developing a multimedia-based instructional product.

Grades:
There are several assignments for you to complete during this course. Each assignment is due on the due date listed in this syllabus.

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Point value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Lectora Assignment – Basics</td>
<td>25</td>
</tr>
<tr>
<td>2. Task Analysis and Goals/Objectives/Assessment</td>
<td>50</td>
</tr>
<tr>
<td>3. Lectora Assignments – Advanced</td>
<td>25</td>
</tr>
<tr>
<td>4. Design Documents</td>
<td>50</td>
</tr>
<tr>
<td>5. Prototype</td>
<td>50</td>
</tr>
<tr>
<td>6. Final Project</td>
<td>100</td>
</tr>
</tbody>
</table>

Total: 300
Submitting assignments:
This semester, IDT 540 will be completely paperless. All assignments (written and software-based) will be submitted through either WesternOnline or Google.

Late assignments:
Late assignments lose 10% of their value for each day they are late. If you submit an assignment to me via email, mail, ftp, etc., you are responsible for making sure that I have received all the components so that it runs without errors.

Your grades will be based on the following:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Score Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>270-300</td>
</tr>
<tr>
<td>B</td>
<td>240-269</td>
</tr>
<tr>
<td>C</td>
<td>210-239</td>
</tr>
<tr>
<td>D</td>
<td>180-209</td>
</tr>
<tr>
<td>F</td>
<td>0-179</td>
</tr>
</tbody>
</table>

Students with Disabilities:
In accordance with University policy and the Americans with Disabilities Act (ADA), academic accommodations may be made for any student who notifies the instructor of the need for an accommodation. For the instructor to provide the proper accommodation(s) you must obtain documentation of the need for an accommodation through Disability Resource Center (DRC) and provide it to the instructor. It is imperative that you take the initiative to bring such needs to the instructor's attention, as he/she is not legally permitted to inquire about such particular needs of students. Students who may require special assistance in emergency evacuations (i.e. fire, tornado, etc.) should contact the instructor as to the most appropriate procedures to follow in such an emergency. Contact Disability Resource Center (DRC) at 298-2512 for additional services.

STUDENTS RIGHTS AND RESPONSIBILITIES:
Please refer to the WIU Students Rights and Responsibilities website at http://www.wiu.edu/provost/student/ for information on WIU policies on academic dishonesty, grade appeal, etc.
Course Schedule:

<table>
<thead>
<tr>
<th>Course Date</th>
<th>Topics(s)</th>
<th>Project Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekend 1</td>
<td>• Course introductions&lt;br&gt;• Lectora software basics&lt;br&gt;• Instructional analysis&lt;br&gt;• Task Analysis&lt;br&gt;• Goals/Objectives/Assessment&lt;br&gt;• Consultations</td>
<td>• Assignment 1 (Lectora Basics) due at end of 8/27</td>
</tr>
<tr>
<td>August 26, 27</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weekend 2</td>
<td>• High Level Design&lt;br&gt;• Instructional Strategies&lt;br&gt;• Interface design&lt;br&gt;• Advanced Lectora&lt;br&gt;• Lab time&lt;br&gt;• Consultations</td>
<td>• Assignment 2 (Task Analysis and Goals/Objectives) due Wednesday, September 14&lt;br&gt;• Assignment 3 (Lectora Advanced) due at end of 9/17&lt;br&gt;• Assignment 4, pt.1 (HLD) due at end of class 9/12&lt;br&gt;• Assignment 4, pt. 2 (Instructional Strategies) due via email 9/25</td>
</tr>
<tr>
<td>September 16, 17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weekend 3</td>
<td>• Storyboards and prototypes&lt;br&gt;• Tech fair&lt;br&gt;• Lab time&lt;br&gt;• Consultations</td>
<td>• Assignment 5 (Prototype) due at the end of class on Saturday, 10/8</td>
</tr>
<tr>
<td>October 7, 8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>December 5</td>
<td></td>
<td>• Assignment 6 (Final Project) due by 12/9</td>
</tr>
</tbody>
</table>

Note: This schedule is subject to change.