Executive Summary

We have included Year 1 and 2 of the project because much of the remainder of the project will rely on the collective research and development of the group. Additionally, we have listed our best guess on what activities we will be focused on during these first 2 years. The course in development is a "music for the listener "course (sometimes known as "music appreciation.") The course is designed for the non-major and is offered as a general education credit.

The following will delineate some of the major concepts of the work we propose.

Releases - We have created a system of curriculum “releases” for each year. A release is simply a beginning (1.0) or major upgrade to existing course curriculum and materials that incorporate the results of our research and applied work. For example, release 1.0 will be our first attempt to include selections from VARIATIONS into the existing curriculum through Oncourse with the beginnings of a curriculum redesign to accommodate the first learning modules/objects. Release 1.5 will reflect changes to the curriculum and materials based on research gathered from release 1 using assessment tools outlined in the timeline. The goal of each release will be to incorporate DLI tools and assessment tools, as they are developed and appropriate. By release 3, we should be finished with the majority of materials and concentrating on assessment and reporting/journals/presentations, etc. Phased releases refer to the development of Learning Modules/Objects/ (see below) that coincide with curriculum development and DLI tool development.

Assessment - We will be concentrating on 2 types of delivery.
- Value-added/Lecture based. This is the traditional classroom scenario using lecture as the primary means of material delivery with DLI course materials in Oncourse as value-added.
- Fully Online. No face to face meetings.

Our intent is to show the difference between these 2 delivery methodologies. Additionally, we will incorporate usability/interface design assessment from Andy. Oncourse will be incorporating (Summer 2001) Flashlight as an option for faculty as well as the development of an anonymous survey device for implementing formative evaluation. Based on consultation from other DLI investigators, we will develop these tools for our use.

Learning Modules/Objects – These are small units that demonstrate, in an interactive way, concepts from the curriculum. For example, using tools developed in the DLI, a student could play a theme and variations through VARIATIONS, view it on the score viewer and chart it on the time sketch. An extended version of this learning object would allow a student to piece together their own theme and variations from selected midi files. Again, the point is to provide tools to engage students in higher order application and evaluation.

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Fall 2000

- **Research**
  - Develop a list of materials in IU Music library for conversion and use in spring 2001 class setting through Oncourse.
    - *(12/1/00) deliverable: a list of potential recordings for distance classroom use*
  - Review current thinking on Online Instruction *ongoing*
  - Review textbooks *ongoing*
  - Research authentication issues with VARIATIONS and Oncourse *ongoing*
  - Postulate and research differences of "Value added" Online instruction vs. No-classroom
    - *(12/1/00) deliverable: draft report*
- **Administrative**
  - Write a job description for GA to be advertised in Sp 01.
    - *(12/1/00) deliverable: draft*
  - Create a path for Authentication to Variations Through Oncourse *ongoing*

**Curriculum Development**

- Brainstorm for phased development of project *ongoing*
- Review and refine course outline and objectives *ongoing*
- Outline potential supplemental texts and/or CD ROM *ongoing*

- **Assessment**
  - Informal formative evaluation of colleagues in the field and students in the class regarding materials - *ongoing*
  - Preliminary Development of evaluation using Flashlight™ - *ongoing*

Spring 2001

- **Research**
  - Learning Modules/Object Concepts (ie. MERLOT).
    - *(5/1/01) deliverable: draft report 1*
  - Continued Review of current thinking on Online Instruction -Online only vs traditional w/ value added
    - *(5/1/00) deliverable: draft report 2*
  - Continued textbook review *ongoing*
  - Investigation of viability Pdf vs printed supplemental text
    - *(5/1/01) deliverable: draft report*
  - Active and collaborative learning techniques for traditional vs online
    - *ongoing*
- **Administrative**
  - Advertise GA position
• (2/1/01) deliverable: advertisement
• Formalize Authentication procedures between VARIATIONS and Oncourse
• Create a path for Authentication to Variations Through Oncourse
  • (6/30/01) deliverable: based on UITS authentication model for Kerberos- ongoing
• Digitized Music from VARIATIONS 12/1/00 list
  • (2/1/00) deliverable: available for use

• Curriculum Development
  • Implement digitized audio list into current curriculum design
    • (6/1/01) deliverable: implemented digitized music
  • Formalize phased release of project
    • ongoing based on fellow team
  • Formalize course outline and learning goals
    • (6/1/01) deliverable: draft report

• Assessment

  • Informal formative evaluation of colleagues in the field and students in the class regarding materials
    • ongoing
  • Implement Flashlight™ evaluation
    • (5/1/01) deliverable: draft evaluation

Summer 2001

• Research
  • Refine Learning Object Concepts
    • ongoing
  • Continued Review of current thinking on Online Instruction
    • ongoing
  • Needs assessment for supplemental text materials
    • ongoing

• Administrative
  • Apply for Session at MENC 2002
    • (8/1/01) deliverable: draft proposal
  • GA Secured
    • (6/1/01) deliverable: secured GA
  • Summer release for Lindsey and/or Fern
    • Deliverable: Summer 1 and 2

• Curriculum Development
  • Develop new course outline into modules
    • (8/1/01) deliverable: ± 4 modules
  • Formal course Outline and learning Goals
    • (8/1/01) deliverable: syllabus for fall 2001
• Prepare supplemental text
  • (8/1/01) deliverable: Read only docs (PDF vs. HTML)

• Assessment
  • Develop appropriate assessment instrument with DLI investigators
    • ongoing
  • Prepare for Fully Online verses value added assessment
    • ongoing

• Learning Object/Module Development
  • GA begins module development
    • See above

Fall 2001 (Release 1.0)

• Research
  • Continued Review of current thinking on Online Instruction
    • ongoing
  • Develop article for Peer review journal
    • (12/1/01) deliverable: draft

• Administrative
  • Apply for College Music Society
    • (10/1/01) deliverable: proposal

• Curriculum Development
  • Refine and upgrade release 1.0
    • ongoing

• Assessment
  • Evaluate the effectiveness of VARIATIONS use in Oncourse
    • (12/1/01) deliverable: draft
  • implement assessment instrument developed with DLI investigators
    • ??
  • Assessment of Fully Online vs value-added traditional
    • (12/1/01) deliverable: Prep for CMS prezo possible publication
  • Implement refined Flashlight™ evaluation
    • (12/15/01) deliverable: preliminary results

• Learning Object/Module Development
  • GA continues module development based on user/instructor feedback for release 1.X
    • ongoing
  • Begins release 1.x development with learning Objects
    • (11/1/01) deliverable: ± 4 more modules

Spring 2002 (Release 1.x)

• Research
  • Continued Review of current thinking on Online Instruction
• (05/1/02) deliverable: draft

• Administrative
  • Apply for Educause session
    • (03/15/02) deliverable: proposal
  • Attend MENC
    • (03/15/02)

• Curriculum Development
  • Develop new course outline into additional modules
    • (5/01/02) deliverable: modules
  • Formal course Outline and learning Goals
    • (5/1/02) deliverable: syllabus

• Assessment
  • Continued and refined assessment instrument with DLI investigators
    • ongoing
  • Continue Fully Online verses value added assessment
    • ongoing
  • refine Flashlight™ evaluation based on feedback
    • ongoing

• Learning Object/Module Development
  • GA continues module/object development based on user/instructor feedback
    • ongoing

Summer 2002

• Research
  • Use of new tools developed by DLI
    • ongoing

• Administrative
  • Summer release for Lindsey and/or Fern

• Curriculum Development
  • Develop new course outline into modules
    • (8/1/02) deliverable: additional modules
  • Prepare supplemental text
    • ongoing

• Assessment
  • Review , correlate and refine assessment instrument with DLI investigators
    • ongoing
  • Review correlate and refine Fully Online verses value added assessment
    • ongoing
  • Review , correlate and refine Flashlight™ evaluation based on feedback from Spring 2001
• ongoing
• **Learning Object/Module Development**
  • GA continues object/module development
  • ongoing

Fall 2002 (Release 2.0)
Spring 2003 (Release 2.x)
Summer 2003 (development)
Fall 2003 (Release 3.0)
Spring 2004 (Release 3.x)