ELIS: Embedded Library Instruction Services

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**Recommended Citation**

What is ELIS - Embedded Library Instruction Services?

• **Personal pro-active** library instruction
• All types of courses: web-enhanced, hybrid, and online-only
• Delivered via course management system (CMS), wiki, and NMU Listserv
• All levels: one-year certificate through doctorate
Five Aspects of ELIS

- Library Resources
- Course-specific Library Instruction
- Methods of Delivery
- Collaboration
- Needs Assessment
ELIS - Embedded Library Instruction Services

Key to Success: TRUST
between AIS Faculty & Course Instructor
The Team

- NMU President, Provost, Deans, Department Heads, & Program Directors
- Ten AIS Faculty (librarians + archivist)
- Center for Instructional Technology in Education (CITE)
- Course Instructors
The History

2000
- Presence in WebCT through “test student” (generic identity)
- Librarian and CJ instructor collaborated (LI & co-author assignments)
- Links to librarian & library guides
- Instructor-created Library discussion threads

2004
- Presence in WebCT as “guest speakers” (real name identity)
- Librarian-created Library discussion threads
- Librarian sessions using Mediasite Live streaming
- Expansion into Education & Nursing programs
More History

2009

- Presence in WebCT as “embedded librarian”
- Developed and implemented new policies & procedures
- AIS Dean designated ELIS as 1 of 5 Library Strategic Directions for NMU’s *Road Map to 2015*

2010 - NMU implemented Moodle™ (branded as NMU EduCat™)

2011 - ELIS becomes one of the Library’s AQIP (Academic Quality Improvement Program) assessment projects for FY 2012
Number of Courses by Department/Area with Embedded AIS Faculty
160 Cumulative 2000-2012

- Education, 40
- Business, 12
- Psych/PYTD, 18
- Nursing, 33
- NativeAm/Gender/HS, 5
- EN, 10
- Speech Lang Hear, 3
- SO/SW/AN, 5
- ArtD, 3
- BI/CH, 6
- CapS, 7
- CJ/PoliSci, 5
- HPER, 6
- FYE, 2
- Geog/EnvSci, 2

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ELIS Growth

- Initial implementation and promotion through Library Liaison Program
- Campus-wide promotion began Fall 2011
- ELIS Request form for NMU instructors
- Current semester courses with Embedded AIS faculty (automatically generated nightly)
ELIS Presence
Fall 2009 semester

- Total WebCT sections: 948
- Total ELIS presence: 17 sections
- ELIS share in WebCT: 1.8%
- Total Library Instruction (incl. ELIS): 130
- ELIS share of LI: 13%
- AIS faculty embedded: 4 of 9
ELIS Presence
Winter 2012 semester

- Total EduCat sections: 1,056
- Total ELIS presence: 82 sections
- ELIS share in EduCat: 7.8%
- Total Library Instruction (incl. ELIS): 143
- ELIS share of LI: 57%
- AIS faculty embedded: 8 of 10
How Students Contact Us for Help

- Discussion threads / forums
- e-mail
- Phone
- IM/chat
- Skype
- Facebook
- Meet in-person
Additional Assistance

- **Library Distance Education Services**
- Virtual office hours
- Personal on-the-fly videos *(Jing)* (free)
- [Acrobat.com](http://acrobat.com) online meeting & desktop sharing (fee/free)
- Public Services desk
Collaboration

- Assignments
- Bibliographic Styles
- Go-to person for problem solving
  - Computer access issues
  - Resource scarcity
  - Instruction in course delivery tools
Number of Questions Answered Winter 2012 by Method Received 138 Total
## ELIS Benefits / Costs

<table>
<thead>
<tr>
<th>Benefits</th>
<th>Costs</th>
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<tr>
<td>• Embedded faculty are familiar with assignments, so students receive personal instruction inside course at point of need.</td>
<td>• Learning how to use CMS to deliver assistance.</td>
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<td>• Strengthens connection between library, course instructor, &amp; students.</td>
<td>• Initial time to build customized template for each department/program.</td>
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<td>• Helps new instructors &amp; students become familiar with library resources.</td>
<td>• Time to add content beyond template to some courses.</td>
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<td>• Resources customized for individual course assignments.</td>
<td>• Checking library discussion &amp; general course postings/announcements.</td>
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<td>• Provides library instruction where traditional methods not feasible.</td>
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ELIS Presence in CMS

- Olson Library Blocks
  - Customized OneSearch ( Summon ) widget
  - Video tutorials
  - Library & Style Guides
  - Course-specific resources
  - Zotero
  - How to contact embedded faculty

- Research Assistance Forum
ELIS Module - WebCT (old)

WebCT Campus Edition™ at NMU

Northern Michigan University

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Current Examples of ELIS

Embedded AIS Faculty in **NMU EduCat™**
(NMU login only)
Example of ELIS (screen shots)

During the presentation, we demonstrated how ELIS looked in different courses. Since these are not accessible to the public, the following 4 slides show the customized ELIS resources in Forums (center) and blocks (right side).
ELIS Module - EduCat basic (no embedded liaison)
Discussion forums for Galvain tips and statistics videos are under Course Information near the top of our course.

Module 2: What is empirical research?

Discussion forums on statistics videos and Galvain text are near the top of our course.

Directions for Module 2

Click on the video icon to start the statistics videos. 

DRY MIX
Introduction to Research (research process)
Part A
Tips for Evaluating Sources
Sample Article Critique format
Article Critique 1

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ELIS Module - EduCat Customized (with embedded liaison & Zotero block)
Assessment

Library’s FY 2012 AQIP plan specified: “The method of delivery will be considered effective if 75% of students are able to complete their library research successfully, based on the information gathered by the assessment instrument.”
Assessment

- Summer 2011 - Researched & designed instrument (rubric)
- Fall 2011 & Winter 2012 - Identified pilot group of 3 Nursing courses requiring library research
- Course instructors volunteered
- Instructors applied rubric to one course section while grading papers.
Assessment
Winter 2012

Face-to-Face only - No ELIS
NU 421 - Nursing Issues Seminar

Face-to-Face + ELIS
NU 311 - Nursing Research

Online-only + ELIS
NU 322 - Pediatric Clinic
The Future

- NMU’s *Road Map to 2015*
- Olson Library Strategic Direction
- Add basic ELIS Library Blocks to ALL EduCat courses
- Increase number of participating departments
- All AIS faculty embedded
- Develop more-efficient methods of collecting embedded data
Questions?

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Thank you!