IPRO 338/339

Improving the IPRO processes

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Problem:

- Delayed startup
- Learning Objectives Met
Proposed solutions:

- New IPRO deliverable: reflection
- iGROUPS: communication tool
- Audit of iKNOW
- Tests/training of IPRO learning objectives
- Intellectual Property Website
Knowledge Management

requirements for success:
process knowledge

User Demand
Appropriate Content
Process not product
# Current Deliverables

<table>
<thead>
<tr>
<th></th>
<th>Captures Process</th>
<th>Records Product</th>
<th>Documented on supply side: ICT</th>
<th>Demanded by other teams</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Plan</td>
<td></td>
<td>○</td>
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<tr>
<td>Midterm Progress Report</td>
<td>○</td>
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<tr>
<td>Web site (optional)</td>
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<tr>
<td>Final Oral Presentation</td>
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<td>Profession Exhibit for IPRO day</td>
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<tr>
<td>Abstract or Marketing Brochure</td>
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<tr>
<td>Final Project Report</td>
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Proposal: milestone reflections deliverable

A series of reflections completed throughout the course of the IPRO process.
Why iGROUPS

- Replace YahooGroups
- IPRO Look and Feel
- Integration with iKNOW
iGROUPS functions:

• Draws from iKNOW database
• Tools for Students
  – Email
  – File Sharing
  – Calendar
• Tools for IPRO Faculty
  – Email
  – Calendar
iGROUPS

Demonstration
iGROUPS: Future

Next semester
Pilot iGROUPS with a few IPROs
Test to ensure system scalability

Spring 2006
Roll out system to all IPROS
Audit of iKNOW

Ensuring quality of content

Spring 2004, Fall 2004, Spring 2005

Criteria for deletion:
1. Errors
2. Distorted pages
3. Missing information
4. Files duplication
Audit of iKNOW

TOTAL FILES

- 45% USEABLE FILES
- 5% DELETED FILES

DELETED FILES

- 20% ERRORS
- 30% DISTORTED FILES
- 5% MISSING INFO
- 5% FILES ENTERED MORE THAN ONCE
Audit of iKNOW

Advantages:

- FASTER FILE MANAGEMENT
- MORE ACCURATE FILES
- MORE DEFINED FILES
- MORE ORGANIZED IPRO SYSTEM
Learning Objectives:

Problem

IPRO Program needs improvement

The Department currently has no way of knowing if students are learning the necessary objectives
Spring 05 accomplishments

- Decided to train students in four knowledge areas.
- Did extensive research of each topic
- Got the approval from tenured faculty members for BOK in each knowledge area.
- Researched possible ways to deliver the material.
Results - summer 05

• Developed and administered the tests in four learning objectives based on the Body of Knowledge.
• Developed a pilot training program to be implemented in Fall 05.
Training Program

- **Tests:** Project management, Communication, Teamwork, Ethics
- **Additional Training:** Project management, Communication, Teamwork, Ethics
Results of Tests

mean = 6.85

mean = 5.0
## Results of Tests

<table>
<thead>
<tr>
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<th>Ethics</th>
<th>Team Work</th>
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<tr>
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<tr>
<td>7</td>
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<td>8</td>
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</table>

**MEAN(ETHICS)**: 4.85  
**MEAN(TW)**: 8.57
Intellectual Property

An online resource for students covering intellectual property issues as related to IPROs
Intellectual Property

Demonstration
Thank you

John Dorr
Daniel Ferguson
Jay Fischer
Tom Jacobius
Robert Ladenson
Ken Schugg
Anne Towler
Ellen Woods

Questions?