

# IPRO 338/339

## Improving the IPRO processes

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# IPRO program

## 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

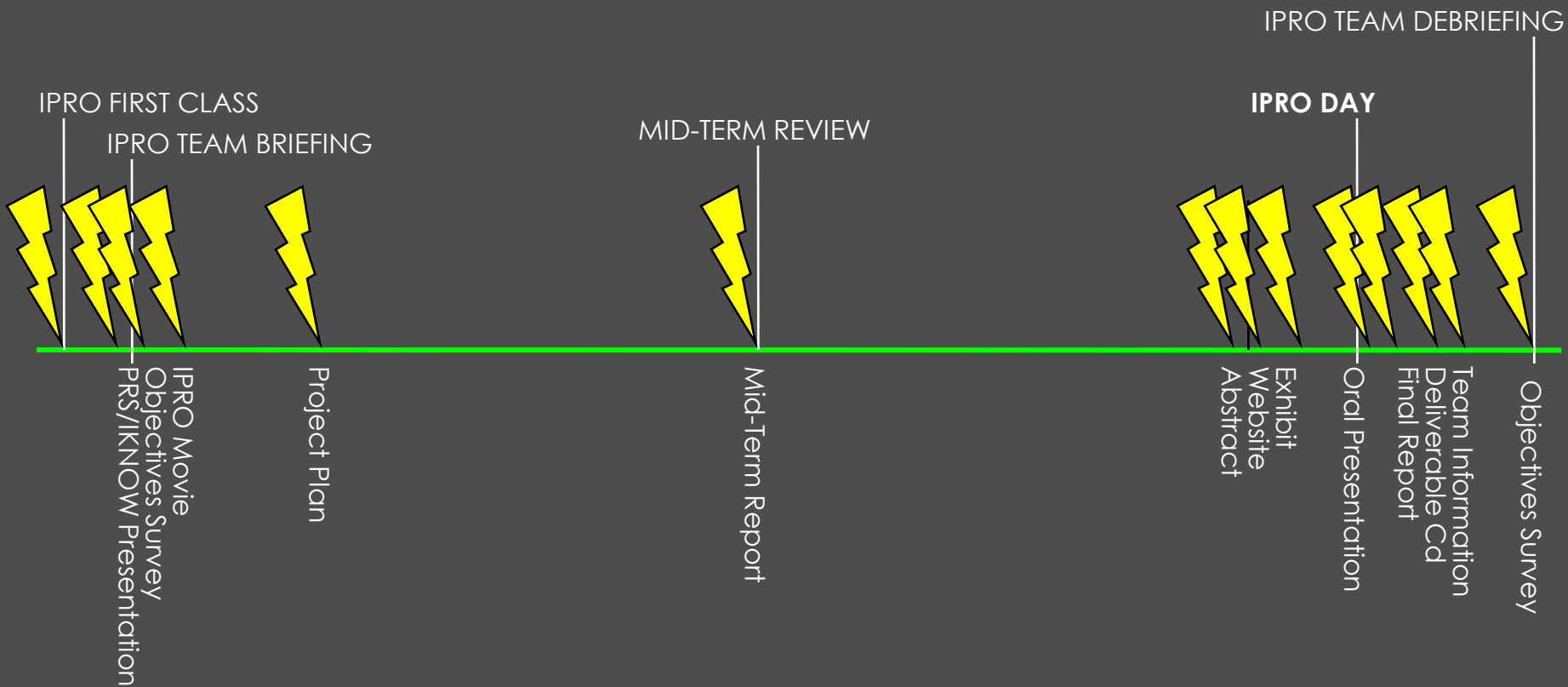
# Knowledge Management

requirements for success:  
process knowledge

User Demand  
Appropriate Content  
Process not product

# Current Deliverables

	Captures Process	Records Product	Documented on supply side: ICT	Demanded by other teams
Project Plan		○	○	○
Midterm Progress Report	○	○	○	○
Web site (optional)		○	○	
Final Oral Presentation		○	○	
Profession Exhibit for IPRO day		○	○	
Abstract or Marketing Brochure		○	○	
Final Project Report	○	○	○	



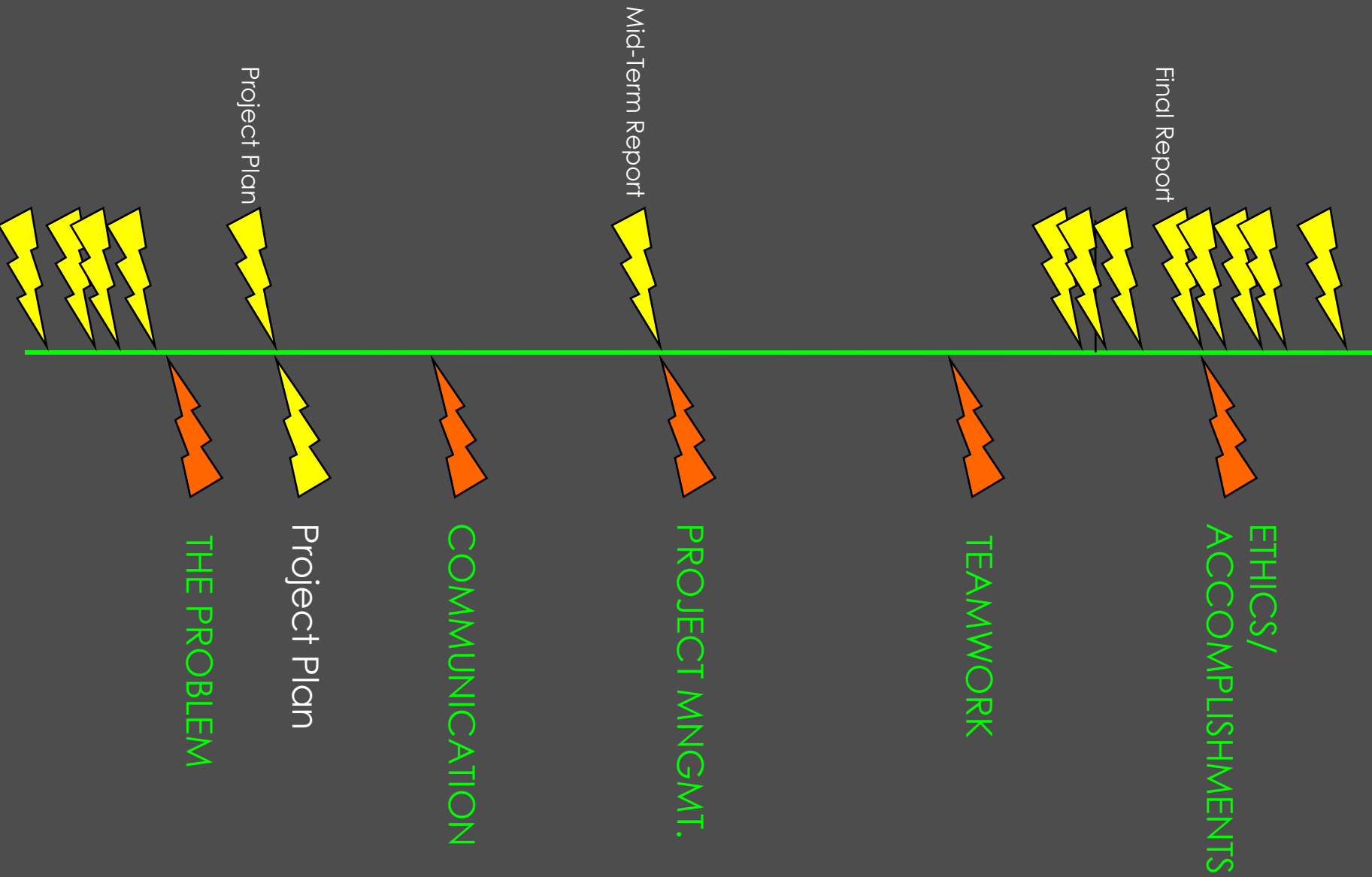
 = IPRO EVENT

# Proposal:

## milestone reflections deliverable

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





Final Report



TEAMWORK



Mid-Term Report



PROJECT MNGMT.



COMMUNICATION



Project Plan



Project Plan



THE PROBLEM



# 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

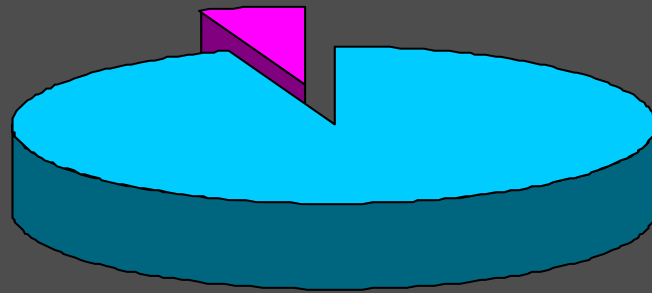
## Ensuring quality of content

Spring 2004, Fall 2004, Spring 2005

Criteria for deletion:

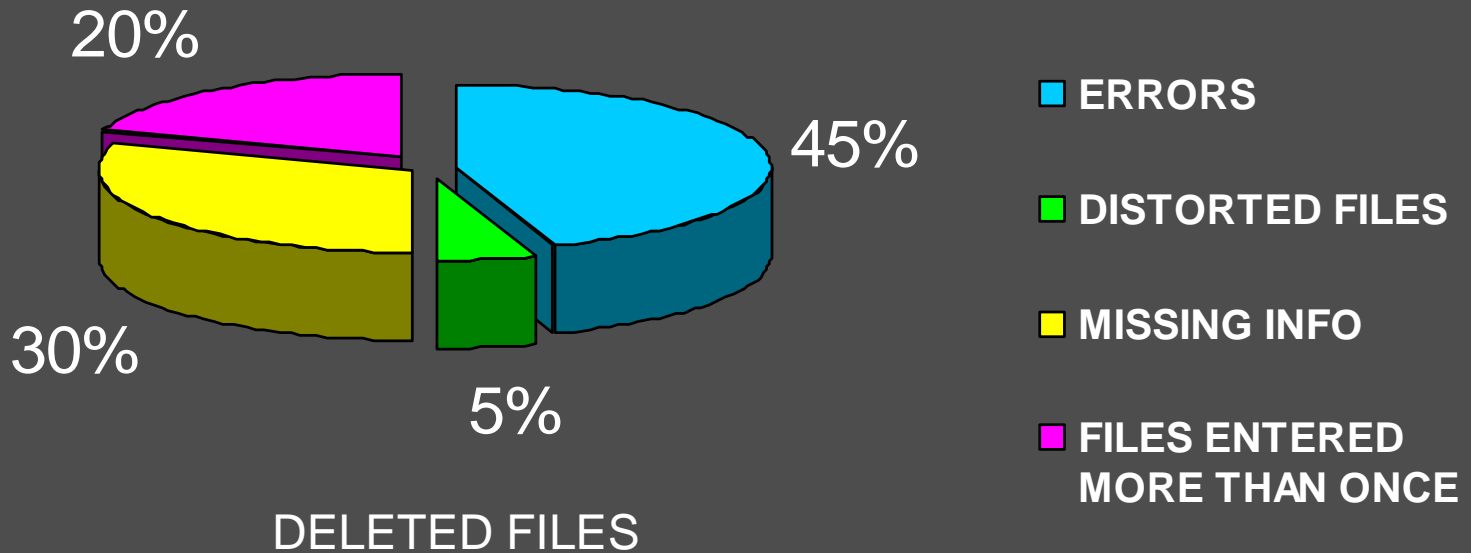
1. Errors
2. Distorted pages
3. Missing information
4. Files duplication

# Audit of iKNOW



- USEABLE FILES
- DELETED FILES

TOTAL FILES



- ERRORS
- DISTORTED FILES
- MISSING INFO
- FILES ENTERED MORE THAN ONCE

DELETED FILES

# 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.

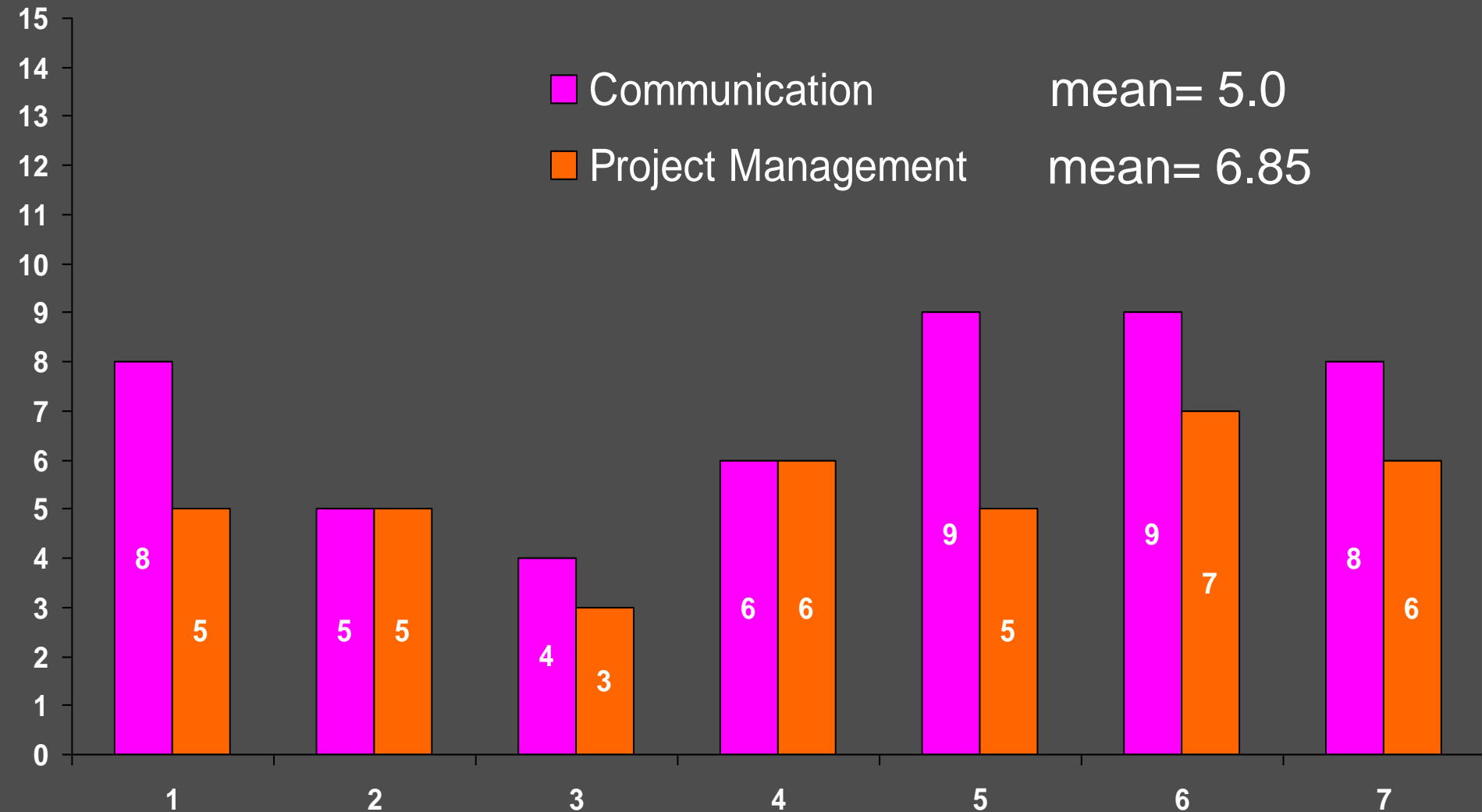
# Results- summer 05

- 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.

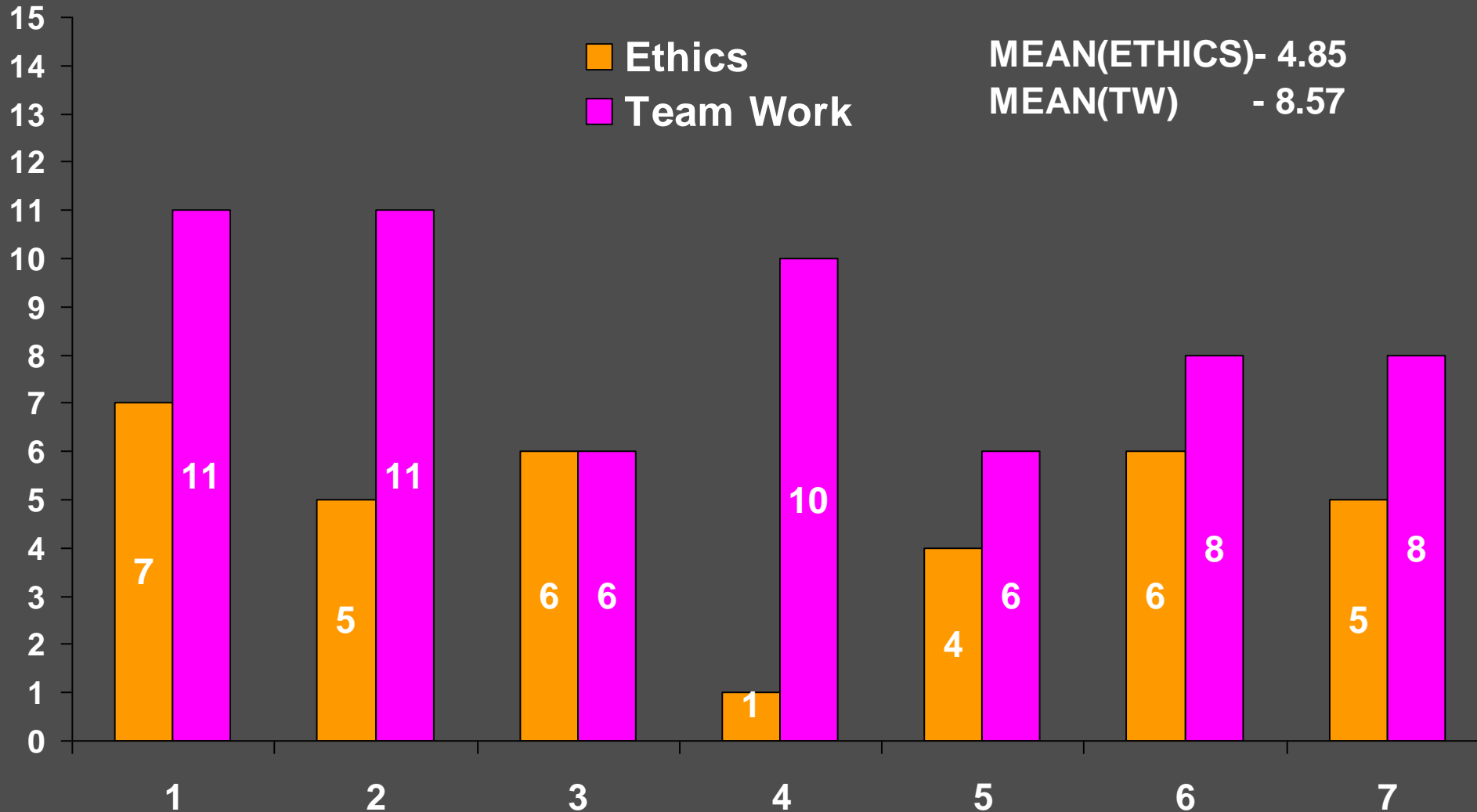
# Training Program

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

# Results of Tests



# Results of Tests



# 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?