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# Need and Know-How: The Perfect Partnership in Creating Tools for Distance Students


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# Need and Know-How

## The Perfect Partnership in Creating Tools for Distance Students

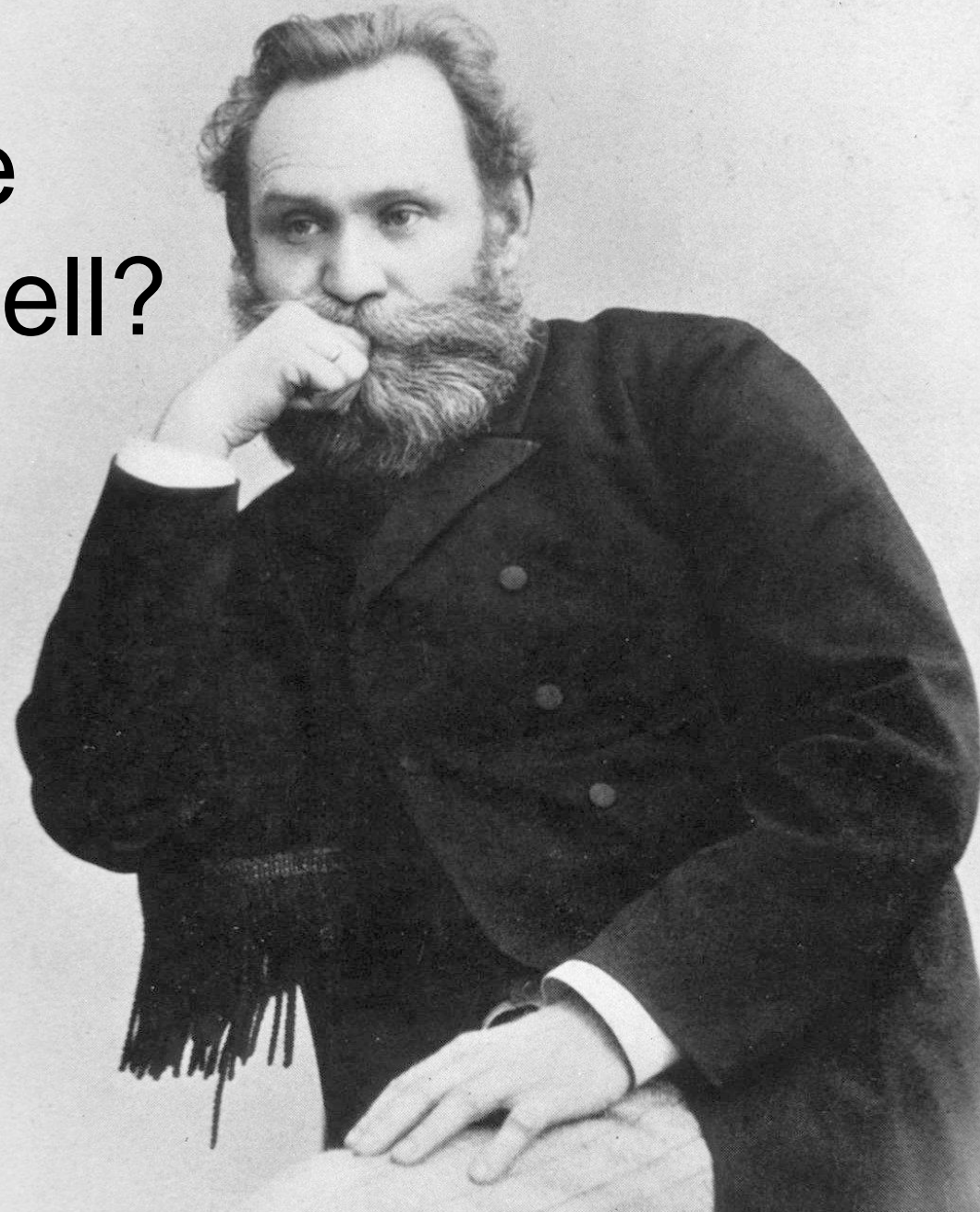
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Need

Colorado Association of Libraries Annual Meeting  
Saturday, November 12, 2005

[some images in this presentations were replaced since the original presentation to ensure copyright compliance]

Does the name  
Pavlov ring a bell?



# Instructional

# Design Model

A

analyze

D

design

D

develop

I

implement

E

evaluate

# Instructional

# Design Model



## analyze

- Who is the target audience?
- What gaps are there in the skills/knowledge of the target audience?
- What is the budget?
- What are the possible delivery methods?
- When must the project be done?

# Goal Analysis

1

Identify an aim.

1

2

Brainstorm goals.

2

3

Refine goals.

3

4

Rank goals.

4

5

Refine goals again.

5

6

Make final ranking.

6

# Goal Analysis

**AIM** Increase nursing doctoral students' confidence in their ability to complete library research.

Goal 1. Students become more confident and less anxious about using the library.

Goal 2. Students will access library services & materials.



# Goal Analysis

**AIM** Increase nursing doctoral students' confidence in their ability to complete library research.

1. Why students should not be anxious about using library services & materials:
  
2. How students will access library services & materials:

# Task Analysis

## TOPIC ANALYSIS

1. Why students should not be anxious about using library services & materials:
2. How students will access library services & materials:

# Task Analysis

## TOPIC ANALYSIS

1. Why students should not be anxious about using library services & materials:
  - A. Importance of library in doctoral research
  - B. Online library is extension of traditional library
  - C. REAL PEOPLE are associated with the library
2. How students will access library services & materials:

# Task Analysis

## TOPIC ANALYSIS

1. Why students should not be anxious about using library services & materials:
  - A. Importance of library in doctoral research
  - B. Online library is extension of traditional library
  - C. REAL PEOPLE are associated with the library
2. How students will access library services & materials:
  - A. Finding non-periodical literature
    1. The Source online catalog
    2. WorldCat
    3. Dissertation Abstracts
  - B. Finding Articles
    1. Accessing the databases from off-campus
    2. Searching CINAHL
    3. Finding articles when you have a citation
  - C. Getting Resources
    1. Requesting materials for delivery
    2. Accessing course reserves
    3. Finding library guides

# TOPIC ANALYSIS

1. Why students should not be anxious about using library services & materials:
  - A. Importance of library in doctoral research
  - B. Online library is extension of traditional library
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    1. Accessing the databases from off-campus
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    2. Accessing course reserves
    3. Finding library guides

# Instructional Design Model

E

I

D

D

A

design

- Write objectives.
- Develop test items.
- Plan instruction.
- Identify resources.

# Instructional Design Model

E

I

D

D

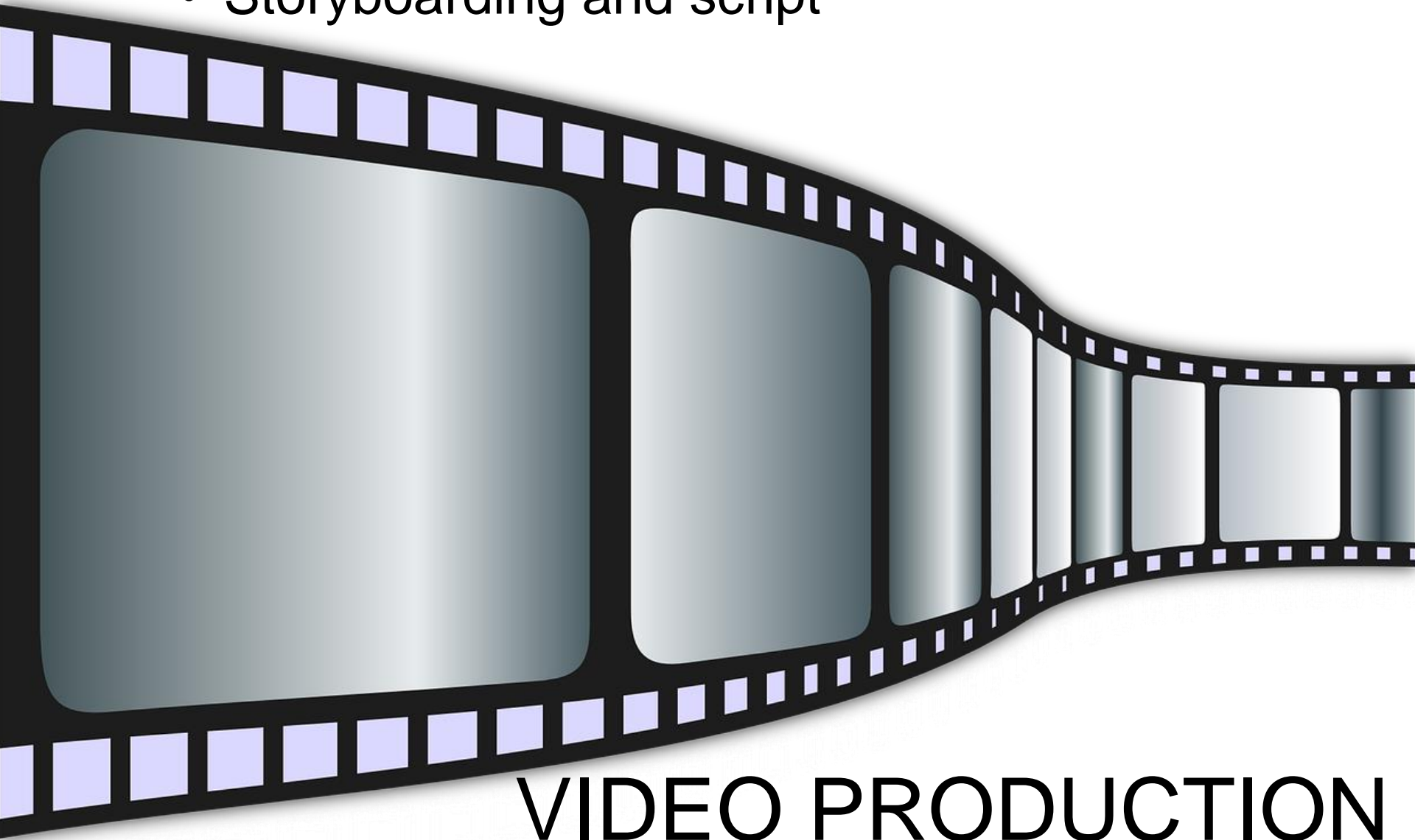
A

develop

- Work with producers.
- Develop workbook, flowchart, program.

# Pre-Production

- Storyboarding and script



**VIDEO PRODUCTION**



1



Fade in and slow zoom WS to MS in to: Clip of Cranford Park Gates from across 10th St

2



Cut to next

3

WS zoom to MS of a student opening the Gunter hall door



4



Talking head shot of Deb Leners (nursing faculty) discussing importance of being able to utilize library resources)

**Voice Over:** Welcome to the University of Northern Colorado. This short video and the accompanying tutorials will introduce you to some of the services that the University Libraries has to offer you.

# Pre-Production

- Storyboarding and script
- Location scouting/planning
- Lining up “talent”
- Organize equipment checklist
  - Camera: handheld digital video recorder (Mini DV)
  - Camera support: Tripod and head
  - Microphone: Built in and lapel
  - Lighting: Clip-on utility lights



# VIDEO PRODUCTION

# Production

- Lighting
- Audio
- Filming

# Post-Production

- Editing



# VIDEO PRODUCTION

# Editing

- Macromedia Captivate (formerly Robodemo)
- Technsmith Camtasia
- Qarbon Viewlet Builder



# TUTORIAL SOFTWARE

# Macromedia Captivate

**\$199/\$499**

## **Benefits**

- Automatically generates text captions during recording
- Best suited to software/computer-based training and instruction

## **Drawbacks**

- Doesn't do true onscreen video captures (will allow true video capture but will not include text captioning, editable mouse motion, etc.)

# Techsmith Camtasia

**\$149/\$299**

## **Benefits**

- Excellent onscreen video capture
- Works well with PowerPoint

## **Drawbacks**

- Only allows multiple choice assessments

# Qarbon ViewletBuilder

**\$159/\$299**

**with ViewletCam**

**\$248/\$398**

## **Benefits**

- Smaller file sizes
- Works on Mac and Linux operating systems

## **Drawbacks**

- Requires ViewletCam to allow onscreen video capture

# Instructional Design Model



implement

- Workshop Training
- Mount on the Web



# Instructional Design Model

E

I

D

D

A

evaluate

- Record time data
- Interpret test results
- Survey graduates
- Revise activities

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