

# Overcoming Obstacles in Online Learning: Best Practices for Digital Badges in Higher Ed



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Are you considering  
implementing a digital learning  
badge system at your  
institution?



**downtown phoenix  
campus library**



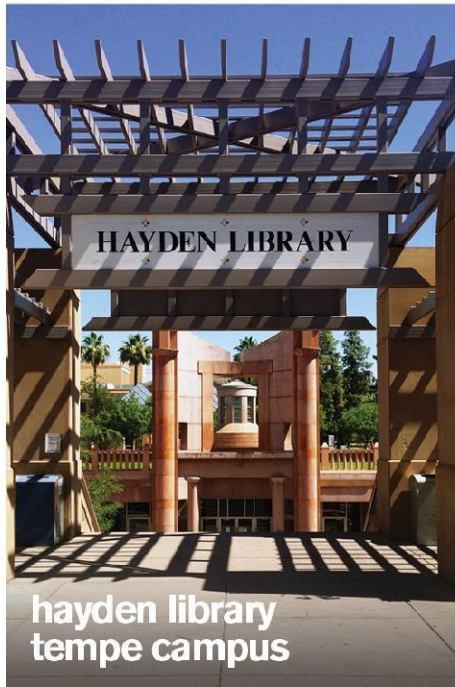
**polytechnic campus  
library**



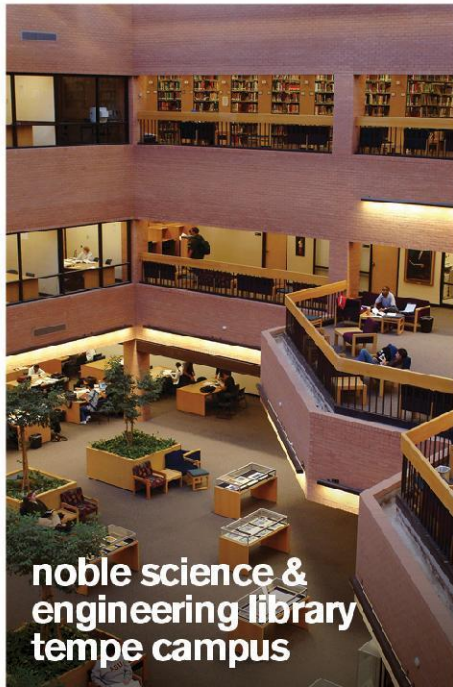
**fletcher library on the  
west campus**



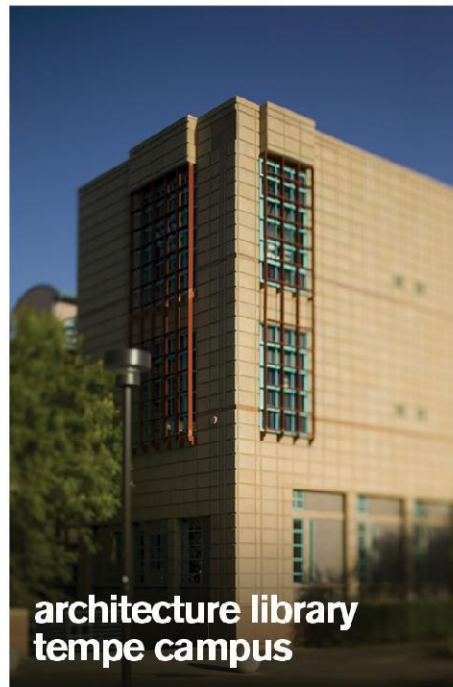
**ross-blakley law library  
tempe campus**



**hayden library  
tempe campus**



**noble science &  
engineering library  
tempe campus**



**architecture library  
tempe campus**



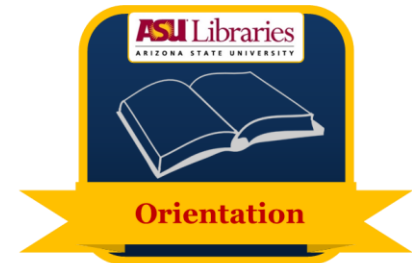
**music library  
tempe campus**

# ASU Libraries Digital Badges Project

## [Transfer Students and the ASU Libraries](#)



# Digital Badges



# Project Plan

- **Project Goal and Parameters**

- Define and develop an online learning program for all students that builds information and research skills and promotes student success. The program must include:
  - interactive learning components and multimedia presentations;
  - modular, individually identified skill and activity based components;
  - multiple learning options when possible;
  - self-generating recognition for satisfactory completion
  - an authentic, self-sustaining model of learning outcomes

- **Resources Needed**

- Dedicated team of librarians to develop content, create program (curriculum) of sequenced modules
- Dedicated or contracted instructional technology staff to develop assessment interface and digital badge design.
- Dedicated IT staff to keep interface operational and troubleshoot technologies

## Digital Learning Badges: Project Plan/Proposal Summer and Fall 2013

### Timeline

SPRING 2013	
Background Research	See Key Links file
Identify Work Group	<p>Work group members:</p> <ul style="list-style-type: none"> <li>• Dennis Isbell, ASU Libraries</li> <li>• Bee Gallegos, ASU Libraries</li> <li>• Lisa Kammerlocher, ASU Libraries</li> <li>• Ginny Pannabecker, ASU Libraries</li> <li>• Kevin Pardon, ASU Libraries</li> <li>• Kathy Grimes, New College Technical Support</li> </ul> <p>Adjunct working group member, Phil Konomos: will manage the outsourcing of technical work</p> <p>Workgroup members who wish disseminate knowledge gained from this project via presentation and/or publication will need to satisfy IRB guidelines. <b>All members complete</b> IRB training online at <a href="http://researchintegrity.asu.edu/training/humans">http://researchintegrity.asu.edu/training/humans</a>. <i>Social &amp; Behavioral Research Investigators and key personnel (Group 2 Basic)</i></p>

# Implementation

## Technology





# Implementation

## Resources and Research

### Resources & Tools

Microcredentials Research Group

<http://altcred.org/>

Drs. Halavais and Kwon's grant project website. Both are faculty in the field and are advising us on our Learning Badges project.

Open Badges Related Widgets

<https://github.com/mozilla/openbadges/wiki/Open-Badges-related-widgets>

WordPress Badges OS Plugin

<https://badgeos.org/about/>

Badges OS in Action - Example

<http://badgeos.org/about/sample>

### Readings and Learning Opportunities concerning Digital Badges

Mozilla White Paper: *Open Badges for Lifelong Learning*

[https://wiki.mozilla.org/images/5/59/OpenBadges-Working-Paper\\_012312.pdf](https://wiki.mozilla.org/images/5/59/OpenBadges-Working-Paper_012312.pdf)

7 Things You Should Know About Badges

<http://net.educause.edu/ir/library/pdf/ELI7085.pdf>

### Badging Systems - Examples

NASA Badges for LifeLong Learning

<http://dmlcompetition.net/Competition/4/badges-projects.php?id=2247?>

[cy-badge-first-draft.html](#)

NASA Competition for Badge Systems

<http://dmlcompetition.net/Competition/4/badges-competition-cfp.php>

[arch/](#)

Purdue University: Passport

<http://www.itap.purdue.edu/studio/passport/>

University of Illinois

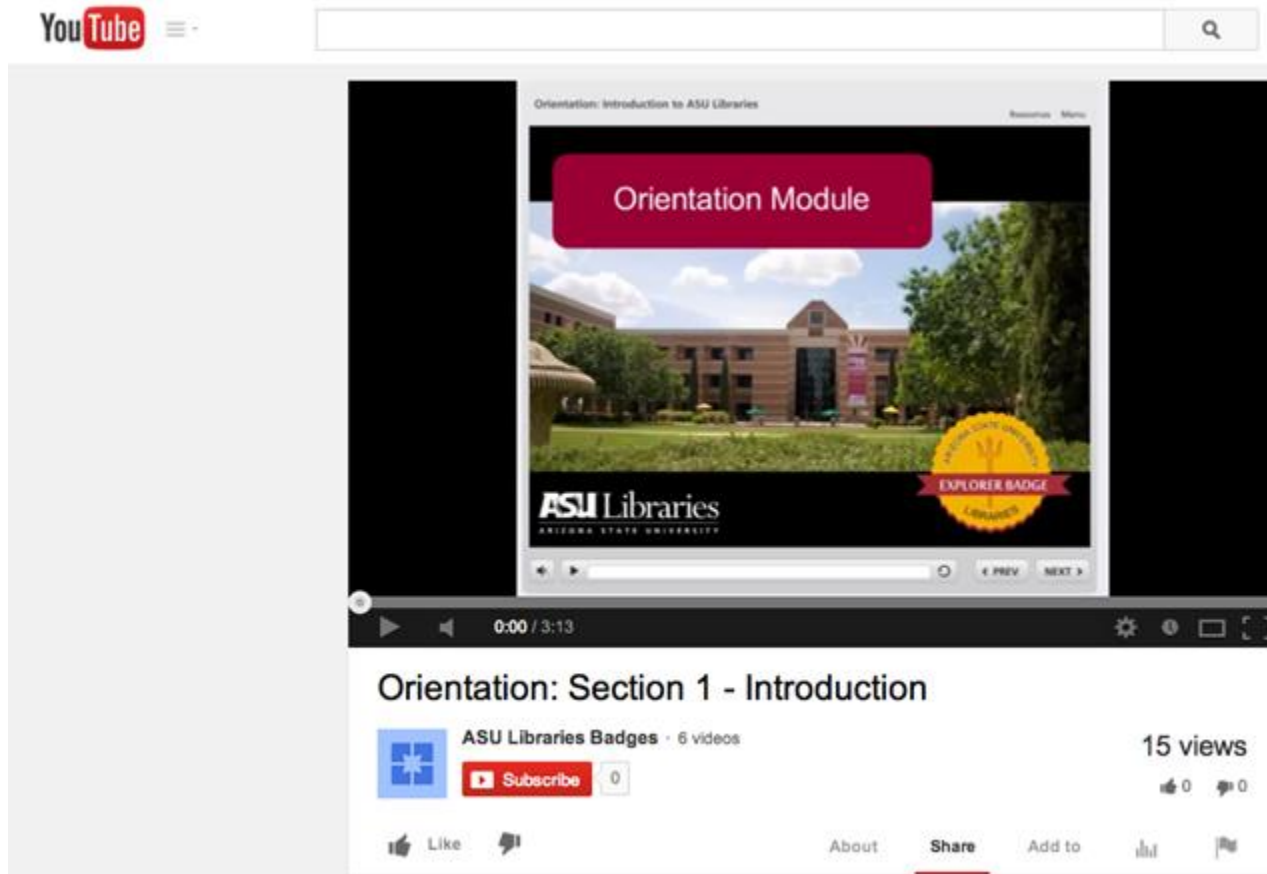
<http://badges.illinois.edu>

IPT Ed Tech

<http://iptedtec.org/>

# Implementation

Pilot Modules – Explorer Badge – [Module 1](#)



The image shows a YouTube video player interface. At the top left is the YouTube logo. A search bar is located at the top right. The video player itself shows a video titled "Orientation: Introduction to ASU Libraries". The video content features a large red banner with the text "Orientation Module" overlaid on a photograph of a university building. In the bottom right corner of the video frame, there is a yellow circular badge with a red ribbon that says "EXPLORER BADGE". Below the video player, the video title "Orientation: Section 1 - Introduction" is displayed. The channel name "ASU Libraries Badges" is shown with a blue icon and a "Subscribe" button. The video has "15 views" and "0" likes and shares. At the bottom, there are navigation options: "Like", "About", "Share", and "Add to".

[Poll link](#)

How would learners at your institution benefit from digital learning badges?

What are some ideas you have about implementing a badges program at your institution?

- What would your badges program address?
- What challenges might you face in getting started?
- What are some first steps you might take?



# Questions?

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Presentation Resources & References:  
<http://libguides.asu.edu/educauseportland2014>