

# Major Issues Facing Online Education

## Challenges and Change

KC REACHE

Technology Subcommittee



# Issues

- Accessibility
- Copyright/Fair Use
- Student Authentication
- Accreditation
- Technology

# KC REACHE

- Kansas City Regional Access Consortium for Higher Education
- Current Members
  - KCPT, JCCC, Northwest Missouri State, University of Central Missouri, Washburn, Park, KCKCC, Metropolitan Comm. College
  - More than 700 courses and 40 degree programs online
- Distance Education Opportunities in KC area
- Accessible Student Services
- Course Quality



# KC REACHE

- Member Benefits
  - Marketing Campaign
  - Quality Matters
  - Shared Training
  - Resource Sharing
  - Technology Information
- Affiliate Membership
- More info at **[www.kcreache.org](http://www.kcreache.org)**

# Overview

- KC REACHE - Technology Subcommittee
- Accessibility
- Copyright and Fair Use
- Student Authentication
- Accreditation
- Change

# Technology Subcommittee

- Members
- Meetings
- Topics
- Presentation

# Accessibility

**Jon Johnson**  
Instructional Designer  
Park University

# Accessibility Overview

- Disability Statistics in Post-Secondary Education
- Accessibility and the Law
- Applying Section 508
- Accessibility Resources



# ENSURING ACCESSIBILITY

- W3C Accessibility Checklist 2.0
  - <http://www.w3.org/TR/2005/WD-WCAG20-20050630/checklist>
- WCAG Printable Accessibility Checklist
  - <http://www.usability.com.au/resources/wcag2checklist.cfm>
- WebAim Wave
  - <http://www.w3.org/WAI/>
- Functional Accessibility Evaluator
  - <http://fae.cita.uiuc.edu/>
- Cynthia Says
  - <http://www.contentquality.com/>
- HTML Tidy
  - <http://infohound.net/tidy/>
- Vischeck Color Blindness Check
  - <http://www.vischeck.com/vischeck/vischeckURL.php>

# ACCESSIBILITY TRAINING

- WebAIM
  - <http://webaim.org/>
- Microsoft Accessibility Training
  - <http://msdn.microsoft.com/accessibility>
- JAWS Screen Reader Demo of Blackboard
  - <http://www.blackboard.com/Platforms/Learn/Resources/Accessibility/JAWS-Demo.aspx>
- Acrobat Accessibility Training Resources
  - <http://www.adobe.com/accessibility/training.html>
- Blackboard Universal Design and Accessibility Online Course
  - <https://accessible.coursesites.com/>
- Developing Accessible Tables
  - <http://webaim.org/techniques/tables/data>
- 508 Checklist
  - <http://webaim.org/standards/508/checklist>

# Copyright and Fair Use

**Susan Stuart**

Director of Online Education Services  
Kansas City Kansas Community College

# Copyright/Fair Use

- Case against Georgia State
  - Unsecure e-reserves
  - Posting without payment
  - Copying from semester to semester
  - Policies that are too vague and overly generous
  - Failure to enforce
- Cost to defend a copyright infringement case
- Renewed interest in enforcement by current federal administration
- Changes to rules by various courts and agencies

# Authentication and Authentic Assessment

**Kathryn Barker**

Instructional Designer

Metropolitan Community College

# HEOA Requirements

NOW – identification numbers or other pass code information

NEXT – expectation that new technologies will be adopted

# HLC

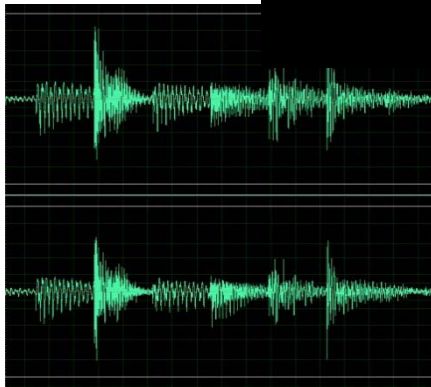
“Institutions offering distance education ... shall have processes that establish that the student who registers in the distance education is the same student who participates in and completes and receives the academic credit.”

# New Identification Technologies

## Biometrics



Voice  
Authentication



Keystroke  
Dynamics





OSU

User ID and password



Scans

Webcams

Voice signature



**KC REACHE**  
Kansas City's Online Learning Source

# Assessment



Image Source: Jared Stein / flickr / [www.flickr.com](http://www.flickr.com)

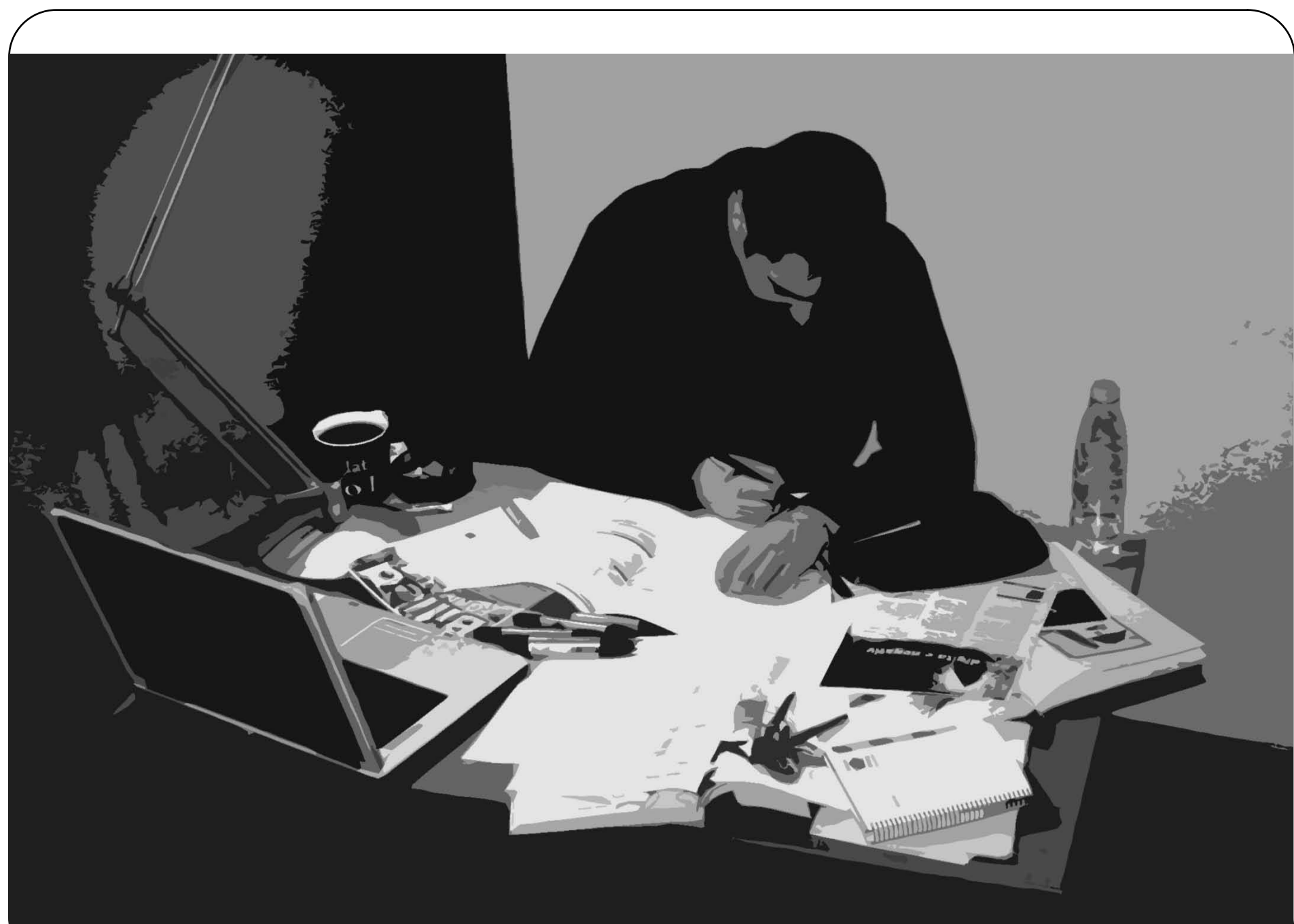


Image Source: Trine de Florie / <http://www.sxc.hu>

# Accreditation

# Accreditation

- Definitions
  - Types of courses – online, f2f, hybrid/blended
  - Credit hour - constitutes that % of course content that represents a single unit.
- Legislation
  - Competing interests – state authorization legislation struck down
- Regulation – (usually lags behind)
  - Standards and Course Objectives
  - Quality Matters
  - Accountability

# Change

**Stuart Murphy**

Online Education Support Coordinator

Washburn University

# Change

## *Four Key Areas*

- Reassess Programs and Environment
- Vision and Planning
- Curriculum Development
- Training and Support

# Change

## *Reassess Programs and Environment*

- Online vs. IT
- Online vs. On-campus
- Ongoing – new developments, react to changes
- Central focus – student expectations
- Evaluate/change organizational structure
  - Analyze administrative roles, student services, technology support, and faculty training



# Change

## *Vision and Planning*

- Proactive, dynamic and directed toward change
- Process must involve all stakeholders
- Clearly state goals and missions
- Determine priorities, policies, and procedures

# Change

## *Curriculum Development*

- Current model in digital format is not sufficient
- Styles and methods
- Facilitator/moderator vs. leader/lecturer
- Technology for technology's sake
- Shifting of resources
- Time, assistance, and incentive

# Change

## *Training and Support*

- Adequate technology skills
- Assume broader role
- Address accountability
- Policies geared toward training/teaching

# Closing

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Technology Subcommittee

