

All Technology Considered: From the Classroom to the Law Firm

January 7, 2017
American Association of Law Schools
San Francisco, CA

The Line Up

Moderator:

Susan Nevelow Mart

Speakers:

Roger Skalbeck: Educational Technology

Rebecca Trammell: Online Learning/Courses

Holly Riccio: Law Firm Technology

The Plan



Roger V. Skalbeck

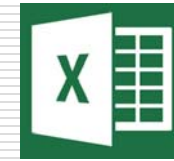
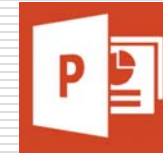
EDUCATIONAL TECH





Fish! <https://flic.kr/p/q6AnJz>

<https://news.greyllock.com/this-is-water-f989bd158191>



Technology: All Around Us

LOGIN TO E-FILING

 ePass Montana

▶ Login using ePass Montana

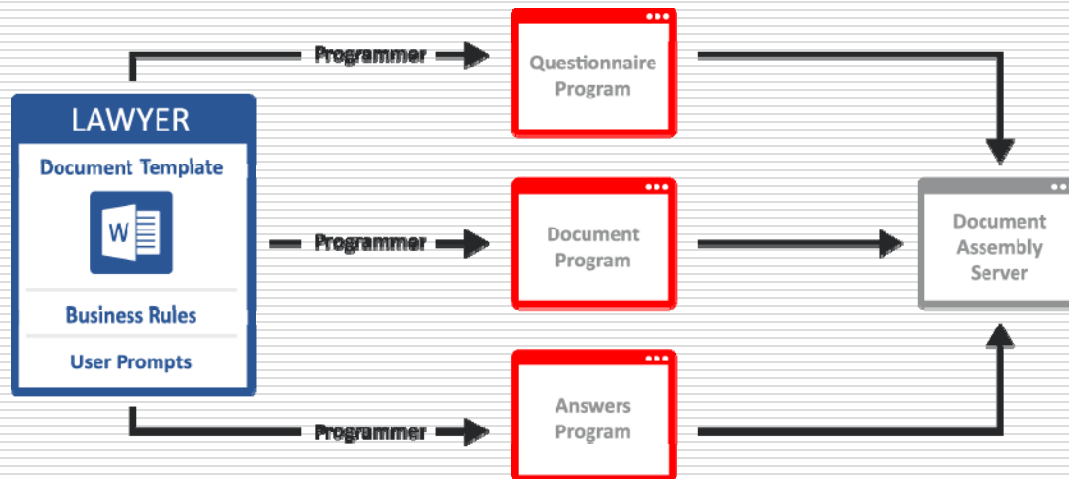
Step 1. FILL OUT YOUR INFORMATION

2-Name of Declarant *What is your name?*

3-Gender *Hello %%%[Client first name TE]%%%, please choose your gender.*

4. Date of Birth %%%[Client first name TE]%%%, what is your date of birth?

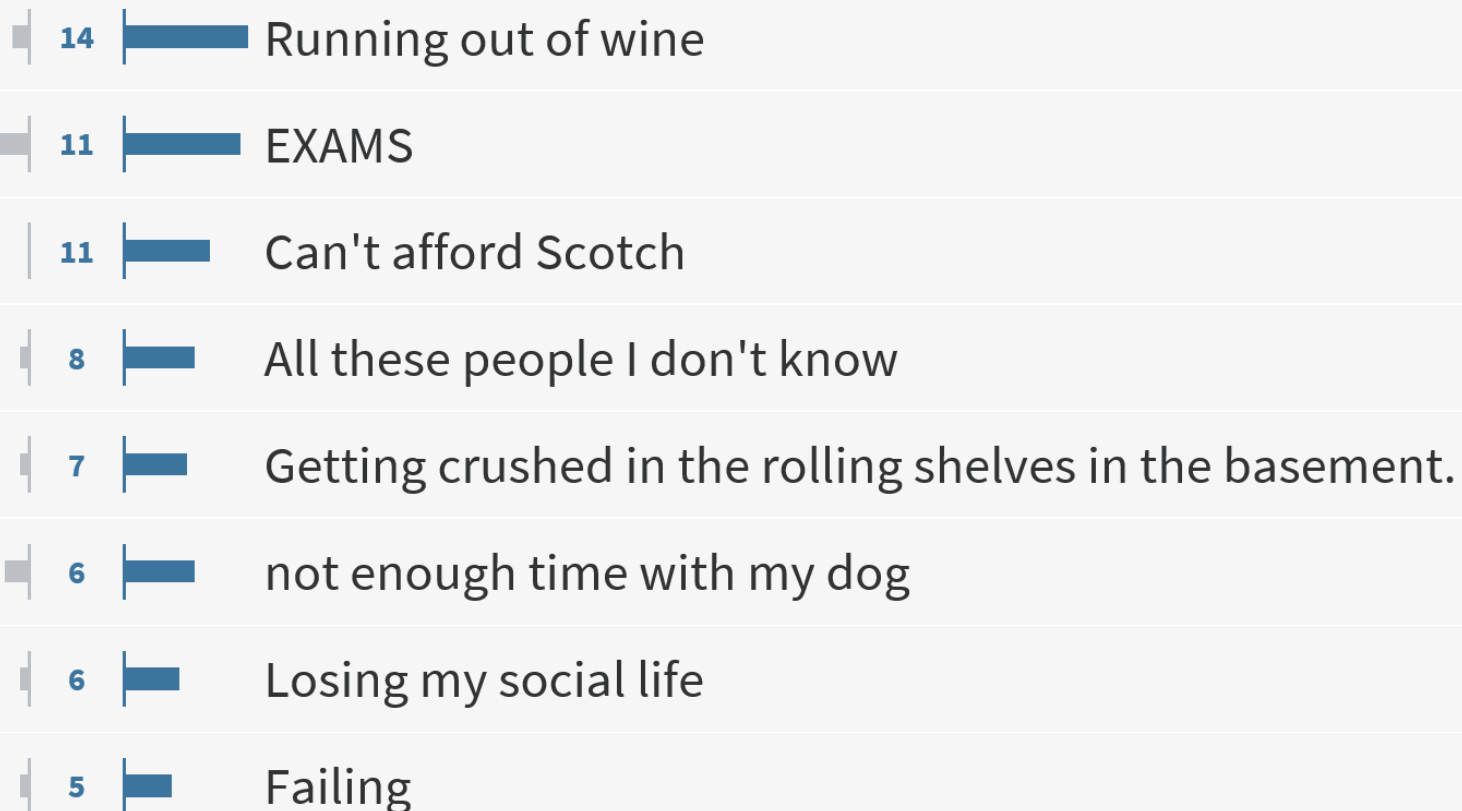
4.1 User not 18 *Sorry, you have to be 18 to use this form.*



TECHNOLOGY TO ENHANCE LEARNING

Polling Software

Complete this: My biggest fear in starting law school is...

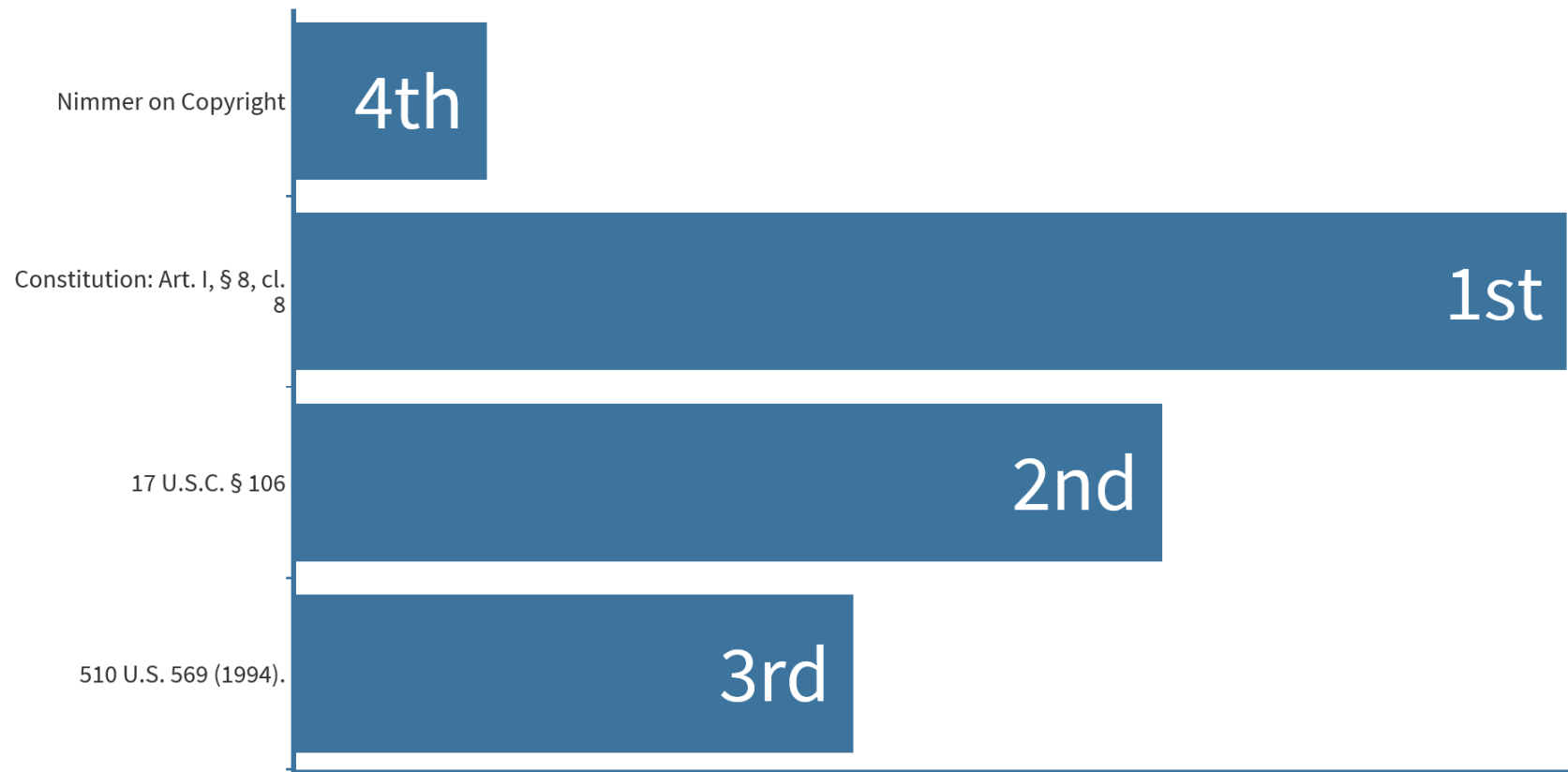


Polling Software

Rank these sources by weight of authority for copyright infringement.



When poll is active, respond at Pollev.com/skalbeck



INTEGRATING TECH INTO COURSEWORK



<https://flic.kr/p/p5JquD>

Word: Styles + Structure

Lynda.com
FROM LINKEDIN

LIBRARY ▾

Search for the software or skills you want to learn

Hi Roger ▾

Business > Home + Small Office

Word 2013: Styles in Depth

Layout Add to Playlist Share

Contents Notebook

Search This Course

- Welcome1m 4s
- What you need for this course**54s
- Using the exercise files and handouts50s
- 1. Starting with Styles**
 - What styles can do for you9m 11s
 - Creating a style4m 11s
 - Understanding how styles interact with themes6m 20s
 - Working with the Styles task pane4m 6s

The screenshot shows the Microsoft Word 2013 interface. On the left, the Styles task pane is open, displaying a grid of various styles such as 'Office', 'Facet', 'Integral', 'Ion', 'Ion Board...', 'Organic', 'Retrospect', 'Slice', 'Wing', 'Banded', 'Easis', 'Berlin', 'Celestial', 'Circuit', 'Damask', 'Depth', 'Dividend', 'Droplet', 'Frame', and 'Main Event'. The main document area shows a document titled 'Use Styles - Word' with text about solar and wind installations. A pie chart titled 'Residential Installs' is visible, showing segments for Solar, Wind, and Combo. A large white play button overlay with the text 'Watch Now' is positioned over the document content.

Overview Transcript View Offline Exercise Files

Excel: Charts + Data Tools

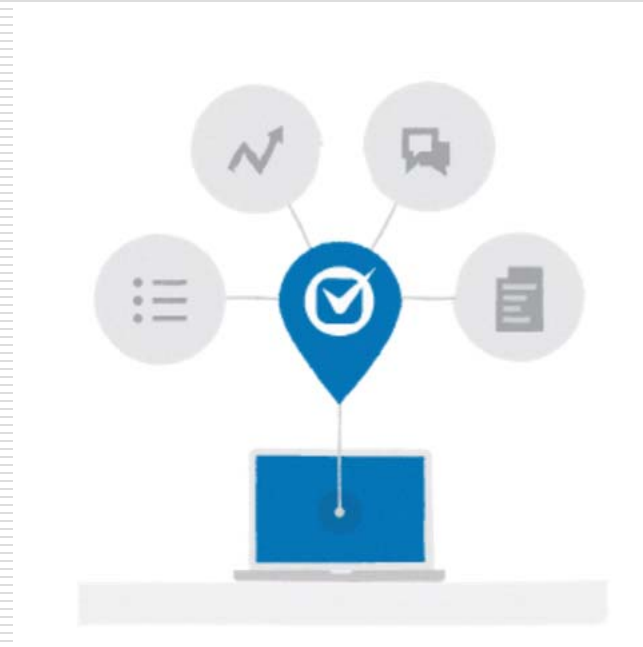
Excel 2016: Managing and Analyzing Data

1	Contact	
2	Name	City, State Zip
3	Max Wagner	Kenton, OH 43326
4	Jackie Fitzgerald	Walnut Creek, CA 94596
5	Nina Stemme	Valhalla, CO 80002
6	Liesl Tidwell	Bardstown, KY 40004
7	Donna O'Brien	Cincinnati, OH 45219
8	Don Nichols	Walnut Creek, CA 94598
9	Eric Hendricks	Boulder, CO 80304
10	Jeffrey Eaton	Westminster, CO 80234
11	Barney Perez	Marion OH 43321
12	Cathy Watanuki	San Francisco, CA 94106

Excel 2016: Pivot Tables in Depth

3	Sum of Revenue	Column Labels		
4	Row Labels	Cambridge	Piccadilly	Grand Total
5	2014	\$ 1,111,886	\$ 1,214,733	\$ 2,326,619
6	January	\$ 90,005	\$ 94,910	\$ 184,915
7	February	\$ 104,397	\$ 133,914	\$ 238,311
8	March	\$ 53,546	\$ 80,115	\$ 133,661
9	April	\$ 103,543	\$ 98,960	\$ 202,503
10	May	\$ 111,353	\$ 93,664	\$ 205,017
11	June	\$ 94,292	\$ 98,108	\$ 192,400
12	July	\$ 112,334	\$ 73,953	\$ 186,287
13	August	\$ 68,446	\$ 76,590	\$ 145,036
14	September	\$ 82,581	\$ 152,078	\$ 234,659
15	October	\$ 103,366	\$ 78,984	\$ 182,350
16	November	\$ 82,564	\$ 134,740	\$ 217,304
17	December	\$ 105,459	\$ 98,717	\$ 204,176
18	2015	\$ 1,286,966	\$ 1,523,054	\$ 2,810,020
19	January	\$ 134,521	\$ 96,206	\$ 230,727
20	February	\$ 85,955	\$ 140,144	\$ 226,099

Practice Management Tools



ADVANCED TECH SKILLS + STANDALONE COURSES

Standalone Law+Tech Courses

Computer Programming for Lawyers: An Introduction

6361/ELAWYERING: EDISCOVERY AND BIG DATA

6362/ELAWYERING: PRACTICE MANAGEMENT

LAW-2156 Lawyering in an Age of Smart Machines

LAW-2975 Process Improvement and Legal Project Management

LLM 914 - Technology Innovation Law & Practice

Questions for Table Discussions

1. How do we leverage tech to enhance learning in law school classes?
 2. How can we integrate tech into doctrinal courses and existing programs?
 3. What advanced offerings can and should we provide?
-

Rebecca Trammell

ONLINE LEARNING / COURSES

ABA & Distance Learning

☐ ABA Standard 306

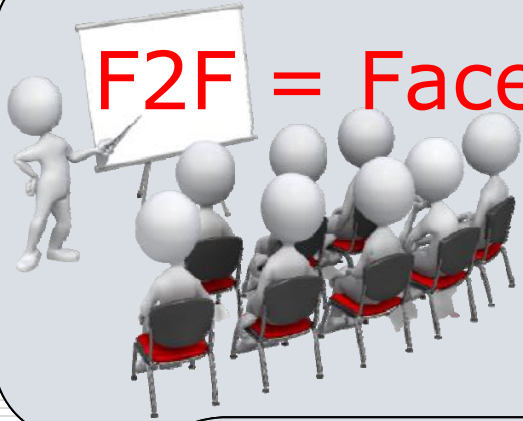
- 15 total distance credits
- 28 credits enrollment rule
- Faculty/student interaction required
- Student/student interaction required
- Monitor student activity

☐ Meet all other ABA Standards

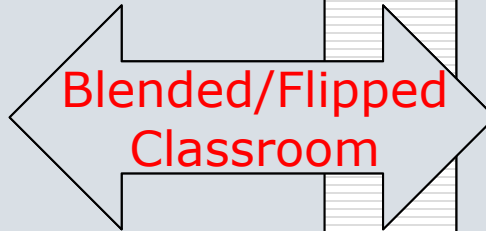
- Learning outcomes
 - Assessment
-

Online (Distance) Learning Lingo

F2F = Face to face



**Blended/Flipped
Classroom**



Asynchronous



Synchronous



ABA allows 1/3 online in
any class

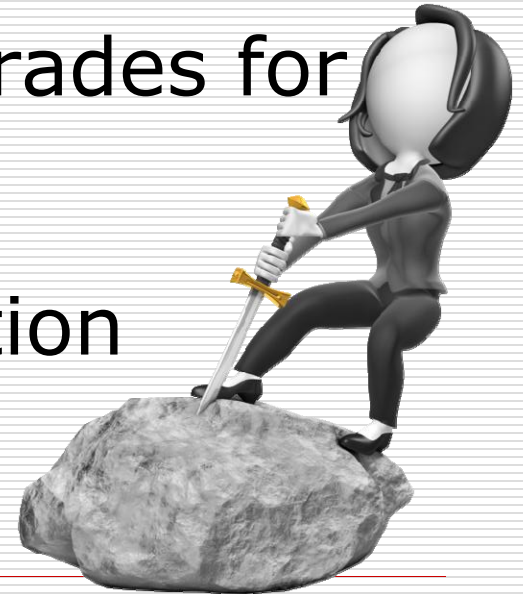
Online Education Programs

- ☐ Require online education policy
- ☐ Student identification process
- ☐ Learning objectives & assessment
- ☐ Adequate technical support
 - Faculty
 - Students



Online Learning Myths

- ❑ Teaching online is easier than F2F
- ❑ Online courses lack the rigor of F2F
- ❑ Online courses offer easy grades for students
- ❑ Online courses lack interaction



Online Learning Truths

- ❑ Teaching online is harder than teaching F2F
- ❑ Online courses equal & may surpass the rigor of F2F
- ❑ Online courses offer MORE student engagement & interaction than F2F



Online Education Programs

- ☐ Offer flexibility for school and faculty
 - ☐ Support student interaction
 - ☐ Increase faculty-student interaction
 - ☐ Document student participation
 - ☐ Increase assessment opportunities
-

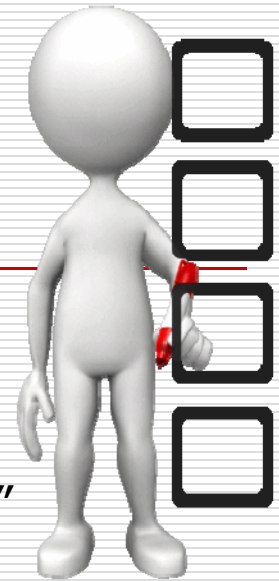


Parts of an Online Course

- ☐ Announcements
- ☐ Calendar
- ☐ Discussion Boards
 - Introductions
 - Responses to professor posts
 - Student initiated posts/questions
- ☐ Assigned Readings
 - Posts about assigned readings
 - Posts identifying similar/related readings/articles
- ☐ Assignments
- ☐ A/V Presentations
- ☐ Narrated PowerPoint
- ☐ Projects



Student Online Learning



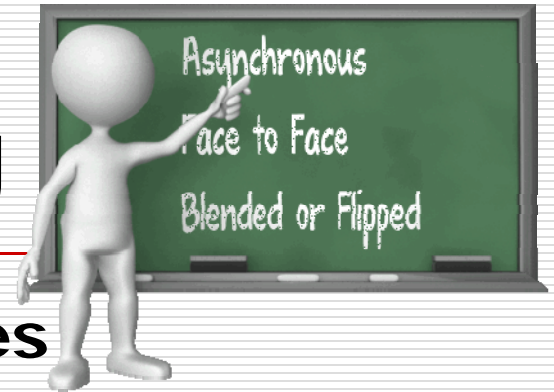
Positives

- ☐ Any time/any place course access
- ☐ Reflection time before responding to questions
- ☐ Convenience in scheduling other courses & activities
- ☐ All course content available throughout the semester
- ☐ Constant feedback
- ☐ Documents student participation
- ☐ Increases assessment opportunities

Negatives

- ☐ No way to "hide"
- ☐ No way to "fake it"
- ☐ Requires self-direction/motivation
- ☐ Requires time management
- ☐ Requires participation throughout the course
- ☐ More direct accountability
- ☐ Requires more class preparation
- ☐ Mandates consistency & focus

Faculty Online Teaching



Positives

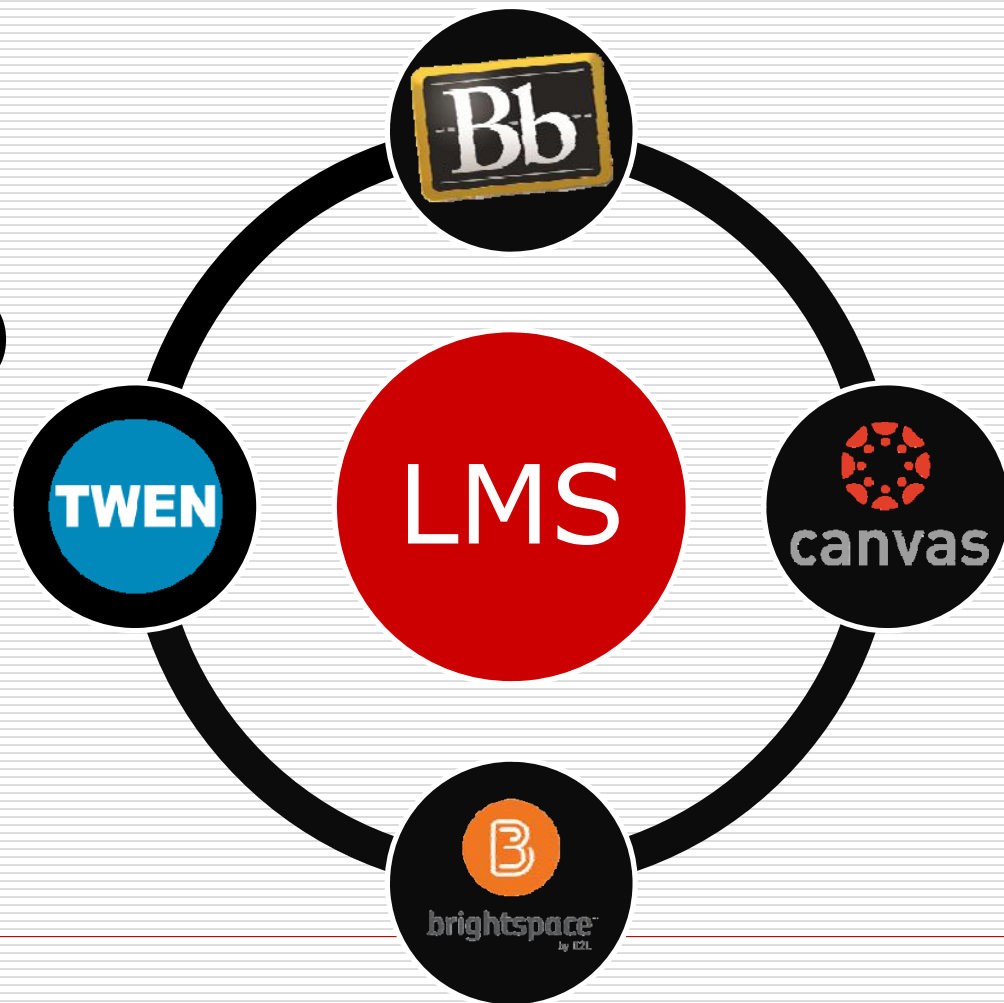
- ☐ Student contact not limited to scheduled class time
- ☐ Rethinking class goals, activities and assessments
- ☐ No students “hiding”
- ☐ Students better prepared for class
- ☐ No restrictions on teaching in a specific classroom at specific times
- ☐ Documents student participation
- ☐ Increases assessment opportunities

Negatives

- ☐ Student contact not limited to scheduled class time
- ☐ Rethinking class goals, activities and assessments
- ☐ Becoming comfortable with online technology
- ☐ Transitioning from in-person classroom instruction to an online format
- ☐ Maintaining student engagement
- ☐ Mandates consistent communication

Online Teaching Tools

Learning
Management
Systems (LMS)



Online Teaching Tools

☐ LMS Assessment Tools

- Quizzes
- Polling
- Course activity
 - ☐ Individual user/all users
 - ☐ Date range
 - ☐ Time spent on activity



Don't Forget These Online Tools

☐ Webcasts & Video Feeds

☐ Podcasts/Voice-over-slides

☐ YouTube, Camtasia  

☐ PowerPoint & Beyond

■ PowToon

■ Prezi

■ Keynote

■ Presentit



Link Online Education to Law Practice

- ☐ Proficiency in using technology
- ☐ Law office tools
- ☐ Law office communications
 - Filing
 - Discovery
 - Technology & professional ethics
 - Communication

A large, stylized red cursive letter 'e' is positioned to the left of the sub-list under 'Law office communications'. It is a thick, flowing script that starts with a small loop at the top and ends with a long, sweeping tail that curves upwards and to the right.

Resources & Help



☐ www.wgdile.com

Online Learning

☐ Is your school offering online courses?

■ JD 1. Yes 2. No

■ LL.M. 1. Yes 2. No

☐ Are you

■ teaching an online course? 1. Yes 2. No

■ planning to teach an online course?
1. Yes 2. No

■ thinking about teaching online? 1. Yes 2. No

Questions for Table Discussion

1. Can law be taught successfully through online/distance courses? Why or Why not?
 2. Are there law courses that should NOT be taught through online/distance courses? If so, which courses and why?
 3. How would you prepare to teach an online/distance course? What issues, technology, strategies would you consider?
-

Holly Riccio

LAW FIRM TECHNOLOGY

Law Firm Realities

General

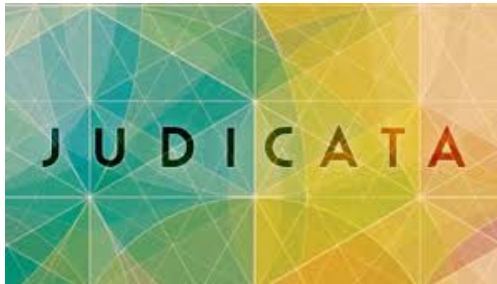
- ❑ Big Salaries, Big Bonuses, Big Expectations
- ❑ New Associates Care and Feeding

Legal Tech

- ❑ Lexis and Westlaw Still King
 - ❑ The Single Vendor Issue
 - ❑ Intranets Changing User Experience
 - ❑ Artificial Intelligence Influx...or Not
-



RAVEL



OnLAW®



State of Legal Tech in Law Firms

- ❑ Varying Adoption Rates
- ❑ Less About Technology, More About Skill Set and Mindset

"The real possibility for change in the future sits more with the mindset. It's all about the law firm adopting its client's worldview and innovating service delivery with those views in mind."

— Randi Mayes, ILTA Executive Director

Legal Tech Initiatives

- Legal Tech Assessment
 - Casey Flaherty Kia Tech Audit
 - LTC4
 - Legal Technology Core Competencies Certification Coalition
 - LTC4 Core Competency Learning Plans
 - PLLIP-SIS Research Skills Audit
 - IP, Corporate, Legislative History, Litigation, M&A, Securities, Tax
-

Questions for Table Discussions

- ☐ Are there core skills that law students learn that are transferrable and useful when it comes to adapting to new legal technologies? What are they? How are they applicable?
 - ☐ Are there new skills law students should be learning? What are they?
 - ☐ Do you have any ideas about how academic law librarians and law firm librarians could collaborate better to result in more legal tech-adept law students and lawyers?
-

THE END. THANK YOU.
