

Q1

Loyola University of Chicago
University of Manitoba
Case Western University
University of Michigan
Michigan State University
Washington University
University of Missouri- Kansas City
Ohio University College of Osteopathic Medicine
University of Iowa
University of Nebraska
Des Moines University College of Osteopathic Medicine
Wayne State University
Creighton University
University of Kansas
University of the Health Sciences
University of Illinois College of Medicine at Peoria
University of Cincinnati
University of Chicago
Ohio State University
St. Louis University
Mayo Medical School
University of South Dakota
Northeastern Ohio University
Indiana University
Indiana University School of Medicine - Northwest
Rosalind Franklin University of Medicine and Science
Medical College of Wisconsin

TOTALS

Q2-Blackboard

Q2-Angel

Q2-WebCT

Angel

Blackboard
Blackboard
Blackboard
Blackboard
Blackboard
Blackboard
Blackboard
Blackboard
Blackboard
Blackboard
Blackboard
Blackboard

WebCT
WebCT
WebCT

WebCT
WebCT
WebCT
WebCT
WebCT

Angel
Angel

Angel

12

4

8

Q2-Desire2Learn

Q2-MyCourses

Q2-Inhouse

Inhouse
Inhouse
Inhouse
Inhouse
Inhouse
Inhouse

Desire2Learn

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6

Q3

Web Based HTML

windows

Windows

ctools / SAKAI

The inhouse system is LON-CAPA, a web-based course management and quiz/exam delivery system.

Lotus Notes

There is no overall course management system. We use many tools, which include Excel documents, Cur

We use Solaris platform.

Not sure what answer to this is?

| Q4 | Q5 | Q6 | Q7 | Q8 |
|-----|-----|-----|----------------------------|-----|
| Yes | Yes | Yes | rich text | Yes |
| Yes | Yes | Yes | key MESH terms | Yes |
| Yes | Yes | Yes | rich text | Yes |
| No | No | No | | No |
| Yes | Yes | Yes | rich text | Yes |
| Yes | Yes | No | | Yes |
| Yes | Yes | Yes | rich text | Yes |
| Yes | Yes | No | | Yes |
| Yes | Yes | No | | No |
| Yes | Yes | No | | No |
| Yes | Yes | Yes | | No |
| Yes | Yes | No | | No |
| Yes | Yes | No | | Yes |
| Yes | Yes | No | | No |
| Yes | Yes | No | | No |
| Yes | No | No | | Yes |
| Yes | Yes | Yes | (rich text,key MESH terms) | Yes |
| Yes | Yes | No | rich text | No |
| No | No | No | | No |
| Yes | Yes | No | | Yes |
| Yes | Yes | No | | No |
| Yes | Yes | No | | No |
| No | No | No | | Yes |
| 22 | 21 | 8 | | 14 |
| 3 | 4 | 17 | | 11 |

Q9

In house application

Not different

Oasis

home grown with oracle

MS Access

In house-Outlook

Microsoft Outlook

Two In-house products: Universis and eSchedules

ESS

Just rolling out ConnectDaily.

Internally developed

OASIS

Q10 Q11

No Yes

Yes Yes

Yes Yes

No Yes

No Yes

Yes Yes

No Yes

No Yes

No Yes

Yes Yes

Yes Yes

No No

Yes

Yes

Yes Yes

No Yes

Yes Yes

No Yes

Yes Yes

No Yes

Yes Yes

No

No Yes

No Yes

9 22

12 2

Q12

In house application
survey monkey
Not different
questionMark / perception
Inhouse system

Oasis

web surveyor; remark, php
In House system
Front page
CampusMobility

In-house: Students on the Move

We are piloting an inhouse product called ISES.

Developed Inhouse

course Eval

We have a home grown SPSS Questionnaire Program OASIS module for clinical years, for residents we

| Q13 | Q14 | Q15-Independent | Q15-Minimal |
|-----|----------|-----------------|-------------|
| Yes | (Yes,No) | | Minimal |
| Yes | Yes | | |
| Yes | Yes | | |
| Yes | Yes | | |
| No | No | | |
| No | Yes | | |
| Yes | No | Independent | Minimal |
| Yes | Yes | | Minimal |
| No | No | | |
| Yes | Yes | | |
| Yes | No | | |
| | No | | |
| No | No | | |
| Yes | | Independent | |
| No | No | | Minimal |
| No | No | | |
| Yes | No | | Minimal |
| Yes | No | | |
| Yes | No | | |
| Yes | Yes | | |
| Yes | No | | |
| No | | | Minimal |
| Yes | Yes | | Minimal |
| Yes | No | | Minimal |
| Yes | No | Independent | |
| No | No | | |
| 17 | 8 | | 3 |
| 8 | 15 | | 8 |

Q15-Moderate

Q15-Substantial

Moderate

Substantial

Moderate

Substantial

Moderate

Substantial

Substantial

Moderate

Substantial

Moderate

Substantial

Moderate

Substantial

6

7

Q16

15 years

5

7 years

2

7 years

2

7 years

which system?

10

5

2 yrs

Four years

We have been using Blackboard for 4 years

5

About 5.

4

7 years; we continue to try to improve.

5

2

4

3 years

Implementing it right now

I'm not sure what you're asking here.. We use CURMIT for curriuclum audit for medical students - for resi

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Q17

Extensive curricular content on line. Administratively well integrated.

easy to access existing data for review etc.

Customized for our curriculum, can accommodate all faculty preferences, comprehensive

Easy to upload course materials such as documents and powerpoints, easy to use schedule. Announcements

Security, ability to change code(i.e. not a canned program), includes links between scheduling, evaluation
too early to say

searchable; user friendly

IC Staff Ease of use. Covers most of the basics very well. Fairly mature platform.

Robust, wireless mobile applications, well-supported

Easy to use Takes care of grades, announcements)

secure easy to use faculty can use with minimal training

Blackboard is convenient, flexible and performs a significant number of useful and varied functions. Our

Good resource for students.

This is more than just WebCT; flexibility, availability

most curricular information in one place. one stop shopping for students and faculty.

- Designer access from everywhere - Small learning curve - Very good communication tools

Designed with flexibility for a medical school curriculum

Server is stable so assignment, quizzes, etc are available at all times. Assignments can be scheduled to

Are you talking a CMS system (ANGEL), an evaluation system (OASIS or New Innovations), a resident sci

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Q18

In house staff dependent

tied to specific fields, not flexible enough

The system really has no weaknesses that we are aware of. We do have a problem with faculty updating

Discussion tool needs improvement. Need to be able to have sub groups (similar to undergraduate courses)

Development is continuous and specific to Lotus Notes, no other medical school uses this course management system
ditto

non-database driven; no gradebook

Still some manual on planning The enterprise solution required for integration and building blocks development

Faculty are reluctant to fully use the systems

Testing Cannot search across curriculum

access due to having to work through Chicago to get people enrolled in courses without university netID

We have not found an easy way, in Blackboard, to enable faculty to search across the curriculum or browse

At this point unable to search across different courses.

Requires staff assistance for the infrequent faculty user

not as well organized as it could be.

Not well 'advertised' could be better designed many documents are in .pdf format so limits 'search'

Server dependent

No real dedicated staff to help luddites enhance their course materials

Getting most of our faculty to buy into this system. About 20 % of our faculty use the system.

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Q19

Satisfied
Satisfied
Very satisfied
Satisfied

Satisfied
Satisfied

Satisfied

Satisfied
Very satisfied
Very dissatisfied
Satisfied
Satisfied
Satisfied
Satisfied
Satisfied
No opinion
Dissatisfied
Satisfied
Dissatisfied
Very satisfied
(Satisfied,Very satisfied)
Very satisfied
No opinion
Satisfied

Q20-Individually within Powerpoint

Individ. within PPT
Individ. within PPT

Individ. within PPT

Individ. within PPT
Individ. within PPT

Individ. within PPT
Individ. within PPT

Individ. within PPT
Individ. within PPT

Individ. within PPT
Individ. within PPT

Individ. within PPT
Individ. within PPT

Individ. within PPT
Individ. within PPT

Individ. within PPT
Individ. within PPT

Individ. within PPT
Individ. within PPT

4
14
2

2
1

18

Q20-Image Library
Image Lib.

Q20-Other

Image Lib.
Image Lib.

Other
Other
Other

Image Lib.
Image Lib.

Other

Other

Other

Other

Image Lib.

Image Lib.

Other

Image Lib.

8

8

Q21

No central repository. Images are found in PowerPoint files and in image/slide collections, and within ea
Web sites, cds.

We have Cumulus, an image management system, for central storage of images, but most faculty have

Virtual Microscope--www.zoomify.com--a flash based viewer for large images

Stored in folders on a separate web server

We are developing a simple folder structure for hierarchical storage of images on a server. MetaDataMir
graphics file

scanned documents faculty personal achives

Internally developed system

We are planning an image repository

We have purchases image libraries for histo -- so we don't actually store with exception fo radiographic i

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Q22

Student learning

We do not use.

Student learning

Student learning

Student learning

Student learning

Student learning

We do not use.

We do not use.

(Student learning,For other use(s))

Student learning

We do not use.

Student learning

Student learning

We do not use.

We do not use.

We do not use.

We do not use.

Student learning

Student learning

We do not use.

We do not use.

Student learning

We do not use.

Q23

Discussion boards within ANGEL are used in some courses for questions and answers related to course c

Some courses use the Blackboard discussion and also a standard forum type product www.dotnetbb.com

We use the WebCT bulletin board for class interaction.

Not sure to what this is referring?

Q24

Other
Other
Other

(Other,We do not administer.)
Other
Other

TestWare-AnyWare
We do not administer.
Other
Other
Other
Other
Other
Other

TestWare-AnyWare
We do not administer.
Other
We do not administer.
Other
Other
Other
Other
Other
We do not administer.
Other

Q25

In house but used infrequently
web ct
Our own eAssessment system
questionMark/perception
ANGEL and LON-CAPA for practice quizzes and homework
In house Lotus Notes based program
Bb and WebCT

Blackboard with custom browser for the PT program and exams online exclusively. Self assesment quize:
CampusMobility
LXR-Test
Perception, Blackboard, LXR
we utilize Blackboard for formative testing.
We are in the process of implementing LXR (Logic Extension Resources) on-line.

Not used in the courses I direct.
Perception
I use WebCT quizzes for practice, not grading.
WebCT; LXRTTest
webCT
practice exams, quizzes
Angel evaluation software for those that are given and well as internally developed software for the OSC
Angel testing module.

We use a home grown but will be migrating to ANGEL and then we use our own local program for psychc
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Q26

(higher-stakes tests,self-assessments)
self-assessments
(higher-stakes tests,self-assessments)
higher-stakes tests

self-assessments
(higher-stakes tests,self-assessments)

(higher-stakes tests,self-assessments)

(higher-stakes tests,self-assessments)
self-assessments

(higher-stakes tests,self-assessments)
(higher-stakes tests,self-assessments)

self-assessments
(higher-stakes tests,self-assessments)

higher-stakes tests

higher-stakes tests
self-assessments

(higher-stakes tests,self-assessments)
self-assessments

self-assessments
(higher-stakes tests,self-assessments)

higher-stakes tests

(higher-stakes tests,self-assessments)

Q27

Split the class

One time admin.
Split the class

One time admin.

One time admin.

(One time admin.,Split the class)

Split the class
(One time admin.,Split the class)

Split the class
One time admin.

Split the class

(One time admin.,Split the class)

(One time admin.,Split the class)
One time admin.

Split the class

Q28

150

We also use flex-time.

100

150

40-270

175

165 - The start time is staggered by 1/2 hour to reduce both the chance of technical difficulties encour

45

18.

We have 200 students/class and 100 machines.

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Q29 Q30

Yes DXR

Yes We do not use.

Yes DXR

No Other

DXR

No We do not use.

Yes DXR

Yes (Other,ClinicSoft)

We do not use.

Yes DXR

Yes Other

Yes We do not use.

Yes DXR

Yes We do not use.

Yes We do not use.

No We do not use.

No We do not use.

No We do not use.

Yes (Other,ClinicSoft)

DXR

No Other

Yes Other

No Other

We do not use.

Yes (DXR,We do not use.)

14

7

Q31

Q32

Stand alone programs and the Professional Skill Builder (web).

Yes
Yes
Yes
Yes
No
Yes

HTML driven linear cases
Blackboard is used for PBL content

Yes

Designed in BlackBoard and by CampusMobility

Yes
Yes
Yes

Medcases and in-house cases

Yes
Yes
Yes
Yes
No

Powerpoint

Yes
Yes

In-house program

No

Edactic

Yes

We design them ourselves using a web authoring program and javascript.

Yes

We have purchased DXR but haven't used it yet.

Yes

21
3

Q33

Yes

No

Yes

Yes

No

No

Yes

Yes

No

No

No

Yes

Yes

Yes

Yes

Yes

No

Yes

No

No

Yes

Yes

No

Yes

14

10

Q34

Human simulator

A number of commercial or public domain simulations (Neuromuscular Junction, Action Potential, Cardio Game-based instruction.

SimMan

virtual heart

Independent study and tutorials: Visible Human Heart Sounds and Murmurs Virtual Microscope
Flash simulations of lab experiments

The M1 and M2 students use a case-based simulation developed by one of our faculty.
We use some shared computer-based scenarios distributed through the Laerdal Company for use with Si
Some clerkships use computer-based simulations to augment curriculum (Pediatrics, in particular.) The t

Human simulators
Simulation Center coming in 2006.

Human Patient Simulator, for example
For gross anatomy course. Modules are loaded onto several computers in our computer lab and student
In physiology for blood pressure.

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0

Q35

(No,Yes)

No

Yes

Yes

Yes

Yes

No

Yes

No

Yes

Yes

Yes

Yes

Yes

No

Yes

No

No

No

Yes

No

Yes

Yes

No

Yes

No

15

10

Q36

Lectures Power point

Integrated into the eCurriculu

In lectures.

some lectures

Animated ppts, video

flash, powerpoint,

Flash tutorials

Lectures and exams

Chime-protein folding

We are currently deploying a 6-part lecture series in reproductive physiology that includes extensive ani

video, ppt

Presentations in BMS courses

Within course support modules

faculty provide their own

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Q37 Q38

No

No

Yes Laptops

No

No

No

No

No

No

Yes Laptops

No

No

No

Yes

No

No

No

Yes Laptops

Yes Laptops

No

No

Yes Laptops

No

No

No

6

19

Q39

Dell Latitude D600 provided by the School of Medicine

Gateway 450E

IBM ThinkPad

Dell Latitude D600 - we buy them
we recommend purchase...

Please note that we require students entering to purchase PCs, either desktop or notebooks.
Many have laptops but that is not required.

All M3's are given a PDA -- for the clinical years.. Currently a Tungsten.

Q40 Q41

(Other,Word process.)

(Other,Word process.,Clinical info.,Procedure log,Patent lot)

Word process.

(Other,Word process.)

(Other,Word process.,Clinical info.,Procedure log,Patent lot)

(Word process.,Patent lot)

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Q42

MS Office, Virtual Microscopy software, Nutrition software, Adobe, etc.

Some internally written and site licensed learning applications are loaded

Adobe writer, Office 2003, IE 6.0

Productivity software and knowledge-based resources

Q43

(Troubleshooting,Battery replace.,Other,Unit replace.,Unit repair)
Troubleshooting

(Troubleshooting,Battery replace.,Unit replace.,Unit repair)

(Troubleshooting,Battery replace.,Unit repair)

(Troubleshooting,Battery replace.,Other,Unit replace.,Unit repair)

(Troubleshooting,Other,Unit replace.,Unit repair)
Other

Q44

Complete software and hardware support throughout their entire medical education program.

Everything--maintain a separate student help desk for support. Accidental damage protection is also incl

Anything they need.

Network troubleshooting, e-mail accounts, etc.

No support is offered by our school other than a help desk that is somewhat helpless. I provide technici

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Q45

No
No
No
No
No
No
No

No
No
Yes
Yes
No
No
No
Yes
No
No
No
No
No
No
No
Yes
Yes
No
Yes

6
20

Q46

Mindspring - provided by the school for the Family Medicine Clerkship

iPaq 4150 Pocket PC
Toshiba e800 PocketPCs in 2004

We provide Tungsten Es to 3rd yrs

palm-based OS

Palm T3 is given to each student

In 2004, the school purchased AXIM PDAs for the 3rd year students.

Palm

Palm Tungsten C

We do not require students to purchase -- WE purchase and then provide to all M3's. A Tungsten T is ci

Q47

Patient lot
(Clinical info.,Patient lot)

(Other,Clinical info.,Word process.,Procedure log,Patient lot)
(Other,Clinical info.,Procedure log)

(Other,Clinical info.,Patient lot)

Clinical info.

(Clinical info.,Procedure log)

Clinical info.
(Clinical info.,Word process.)
(Other,Clinical info.,Procedure log,Patient lot)
Patient lot

(Clinical info.,Word process.,Procedure log,Patient lot)

Q48

ePocrates DX and RX Pro. Backup program and imaging program is also licensed from Sprite Software.
Educational and administrative applications developed by CampusMobility

Handheld Med

Knowledge-based resources

Q49

Troubleshooting
Troubleshooting

(Troubleshooting,Battery replace.,Unit replace.,Unit repair)
(Other,Troubleshooting,Unit replace.)

(Troubleshooting,Unit replace.)

Troubleshooting

(Troubleshooting,Battery replace.,Unit repair)

(Troubleshooting,Unit repair)
(Troubleshooting,Unit replace.,Unit repair)
(Unit replace.,Unit repair)

Troubleshooting

Q50

We provide training in the use of PDAs.

Accidental damage protection is also included.
Hands-on support for applications

Q51

Full mannequin
Full mannequin

Simulation center/suite
Models
Models
Full mannequin

(Full mannequin,Models)
Models
(Simulation center/suite,Full mannequin,Models)
(Simulation center/suite,Full mannequin,Models)
(Simulation center/suite,Models)
(Simulation center/suite,Full mannequin)

Models
Simulation center/suite
Simulation center/suite
Simulation center/suite
(Simulation center/suite,Full mannequin,Models)
(Full mannequin,Models)
Full mannequin
Models
Full mannequin

Simulation center/suite
Simulation center/suite

Q52

Yes
Yes

Yes
Yes
Yes
Yes

Yes
Yes
Yes
No
Yes
Yes

Yes
Yes
Yes
Yes
Yes
Yes
No
No

Yes
Yes

20
3

Q53

Tech. only med. stu.
Tech. all edu.
Tech. only med. stu.
Tech. all edu.
Tech. only med. stu.
Contracted
1 or 2 program.

(Contracted,Tech. only med. stu.,1 or 2 program.)

Tech. all edu.
Tech. all edu.
Tech. all edu.
Tech. only med. stu.
Tech. all edu.
Tech. all edu.

Tech. all edu.

Contracted

Tech. all edu.

Tech. all edu.

(Tech. all edu.,Contracted,1 or 2 program.)

Contracted

Contracted

Tech. all edu.

Contracted

Tech. all edu.

Tech. all edu.

Q54

Yes
No
Yes
Yes
Yes
Yes
Yes

Yes

Yes

Yes

Yes

No

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

No

Yes

Yes

No

Yes

Yes

22

4