

Nuts and Bolts of Web Education

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Why Web?

- Technology to support distance education
- Student need
 - program availability
 - suitable learning environment for non-traditional students
- University Goal: increase enrollment & reach

WKU's MASTERS Programs

- Speech Pathology
 - Campus
 - Web-based
 - Mixed
- Meets CAA standards
 - Parity between campus & distance cohorts

Clinical & Academic Standards

- **Academic**
- Syllabi
- Projects/papers
- Clinical Assignments
- Assessment

- **Clinical**
- Tracking System
- Internships
- Externships

Clinic

On-site Internship



Externships



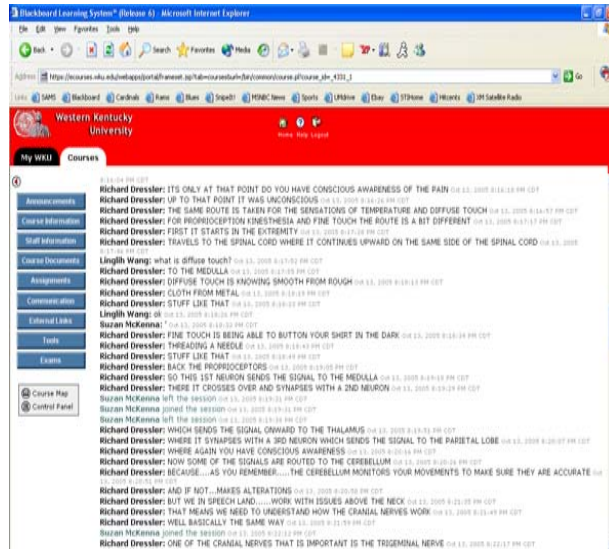
Clinic continued

- Web-based students come to campus for 5 weeks in the summer
 - New York students supervised by on-site faculty
 - Complete all aspects of service delivery
 - Must successfully complete this experience in order to begin externships
- Students complete three distinct externships
 - Affiliation agreements are established between WKU and the sites
 - Externship Coordinator communicates with supervisor to ensure compliance and competence

Technology

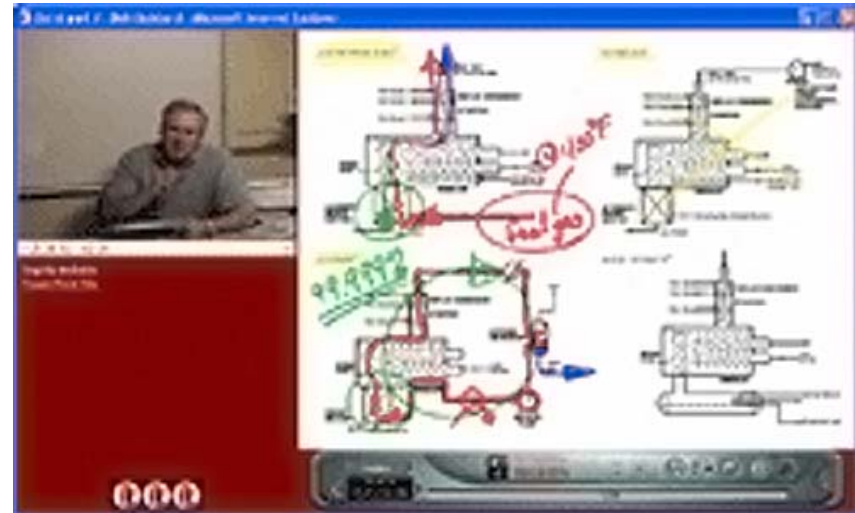
Synchronous Chats

TEGRITY



A screenshot of a Blackboard Learning System chat window. The browser title is "Blackboard Learning System (Release 6) - Microsoft Internet Explorer". The address bar shows a URL from Western Kentucky University. The chat log contains the following text:

Richard Dressler: ITS ONLY AT THAT POINT DO YOU HAVE CONSCIOUS AWARENESS OF THE FAIR 04/13/2009 8:16:23 PM CDT
Richard Dressler: UP TO THAT POINT IT WAS UNCONSCIOUS 04/13/2009 8:16:24 PM CDT
Richard Dressler: THE SAME ROUTE IS TAKEN FOR THE SENSATIONS OF TEMPERATURE AND DIFFUSE TOUCH 04/13/2009 8:16:47 PM CDT
Richard Dressler: FOR PROPRIOCEPTION KINESIA AND FINE TOUCH THE ROUTE IS A BIT DIFFERENT 04/13/2009 8:17:17 PM CDT
Richard Dressler: FIRST IT STARTS IN THE EXTREMITY 04/13/2009 8:17:20 PM CDT
Richard Dressler: TRAVELS TO THE SPINAL CORD WHERE IT CONTINUES UPWARD ON THE SAME SIDE OF THE SPINAL CORD 04/13/2009 8:17:50 PM CDT
Lingli Wang: what is diffuse touch? 04/13/2009 8:17:52 PM CDT
Richard Dressler: TO THE MEDULLA 04/13/2009 8:17:55 PM CDT
Richard Dressler: DIFFUSE TOUCH IS KNOWING SMOOTH FROM ROUGH 04/13/2009 8:18:11 PM CDT
Richard Dressler: CLOTH FROM METAL 04/13/2009 8:18:13 PM CDT
Richard Dressler: STUFF LIKE THAT 04/13/2009 8:18:20 PM CDT
Lingli Wang: ok 04/13/2009 8:18:24 PM CDT
Susan Nickama: I 04/13/2009 8:18:25 PM CDT
Richard Dressler: FINE TOUCH IS BEING ABLE TO BUTTON YOUR SHIRT IN THE DARK 04/13/2009 8:18:34 PM CDT
Richard Dressler: THREADING A NEEDLE 04/13/2009 8:18:43 PM CDT
Richard Dressler: STUFF LIKE THAT 04/13/2009 8:18:44 PM CDT
Richard Dressler: BACK THE PROPRIOCEPTORS 04/13/2009 8:18:50 PM CDT
Richard Dressler: SO THIS 1ST NEURON SENDS THE SIGNAL TO THE MEDULLA 04/13/2009 8:19:13 PM CDT
Richard Dressler: WHERE IT CROSSES OVER AND SYNAPSES WITH A 2ND NEURON 04/13/2009 8:19:24 PM CDT
Susan Nickama: I joined the session 04/13/2009 8:19:31 PM CDT
Richard Dressler: WHICH SENDS THE SIGNAL ONWARD TO THE THALAMUS 04/13/2009 8:19:50 PM CDT
Richard Dressler: WHERE IT SYNAPSES WITH A 3RD NEURON WHICH SENDS THE SIGNAL TO THE PARIETAL LOBE 04/13/2009 8:20:07 PM CDT
Richard Dressler: WHERE AGAIN YOU HAVE CONSCIOUS AWARENESS 04/13/2009 8:20:16 PM CDT
Richard Dressler: NOW SOME OF THE SIGNALS ARE ROUTED TO THE CEREBELLUM 04/13/2009 8:20:24 PM CDT
Richard Dressler: BECAUSE...AS YOU REMEMBER...THE CEREBELLUM MONITORS YOUR MOVEMENTS TO MAKE SURE THEY ARE ACCURATE 04/13/2009 8:20:33 PM CDT
Richard Dressler: AND IF NOT...MAKES ALTERATIONS 04/13/2009 8:20:50 PM CDT
Richard Dressler: BUT WE IN SPEECH LAND...WORK WITH ISSUES ABOVE THE NECK 04/13/2009 8:21:05 PM CDT
Richard Dressler: THAT MEANS WE NEED TO UNDERSTAND HOW THE CRANIAL NERVES WORK 04/13/2009 8:21:44 PM CDT
Richard Dressler: WELL BASICALLY THE SAME WAY 04/13/2009 8:21:59 PM CDT
Susan Nickama: I joined the session 04/13/2009 8:22:06 PM CDT
Richard Dressler: ONE OF THE CRANIAL NERVES THAT IS IMPORTANT IS THE TRIGEMINAL NERVE 04/13/2009 8:22:37 PM CDT



A screenshot of a video lecture. On the left, a man is speaking. On the right, a diagram of the somatosensory pathway is shown with handwritten annotations in red and green. The diagram illustrates the path of sensory information from the periphery through the spinal cord and brainstem to the thalamus and parietal lobe. Key annotations include "Diffuse" and "Fine" in red circles, and "CRASH" in green. The diagram shows the crossing of fibers in the spinal cord and the subsequent pathways through the medulla, pons, and midbrain to the thalamus and parietal lobe.

Critical Blackboard Options for Web-Teaching

- Course Documents
 - posting course related material
- Course Information
 - Posting of relevant course information, e.g., Syllabus, Study guides, FAQ
- Communication
 - Synchronous Chats
 - Asynchronous Discussion Boards
 - Group Pages
 - Individual Student Pages
 - E-mail
- External Links



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the faculty has taken

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