

MASTERING THE CST EXAM

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Valparaiso IN



DOES ANYONE EVER GET STUDENTS TO MASTER THE CST???

- NO
- Since 2001
 - 98.8 -99.4% pass rates
 - 100%
 - 2001
 - 2002
 - 2003
 - 2004
 - 2005
 - 2006
 - 2007

- 2008
- 2009
- 2010
- 2012
- 2013
- 2015
- 2016



My tricks of the trade

- Listen
- Learn
- Review

And keep
them
engaged!!



My tricks of the trade

- Listen
 - to other educators
 - To your advisory board
 - To the hospital staff
 - To your students
 - To your results
 - To your test scores
 - Survey results
 - To graduates



Listen to Other Educators

- State wide forum of Surgical technology instructors
- Master teacher conferences
 - Or similar
- Educator conferences for AST
- Facebook
 - Yes, facebook 😊
- Networking



Listen to your Advisory Board

- What do they want or need?
- What do they think about your students?
- What do they think they are weak at?
- What can you change?



Listen to the Hospital staff

- Visit your hospitals
 - What do they say about your students?
 - What do they say about your grads?
 - ASK!
- Visit often
- Drop business cards so they know how to reach you



Listen to your students

- Are they miserable?
- Are they happy?
- Ask them
 - privately and publically
- Make them comfortable to visit you.
 - Don't only use your office for problems



Listen to your results

- CST exam results are a great tool to track your weaknesses.
- Exam results can do the same.
- Retention can also indicate an issue
- **BE OPEN TO FEEDBACK!**



Listen to your graduates

- Not just surveys
- Once graduated, the student may tell you something they wouldn't tell you as a student
 - It may be humbling
 - It might not be nice
 - You may learn something



My tricks of the trade

- Learn
 - Online resources
 - Text books
 - Going to hospitals



Learn to use Online resources

- And teach your students to use them
 - They always have time for Candy Crush



Learn to use your text books

- Have a ton of resources
 - There are never too many!
- If you give printed notes, Don't let them forget about the books
 - Use them in the classroom
 - Require that they use them



Learn at the hospital

- Equipment is forever changing
 - Keep up with new technology
 - Or have quest speakers to assist.
 - Go on tours?



REVIEW

- Review
 - Anatomy and physiology
 - From day one to the last day
 - Medical Terminology
 - From day one to the last day
 - Pharmacology
 - From day one to the last day
- Cumulative exams
 - At least every 8 weeks
- Review for CST
 - From day one to the last day



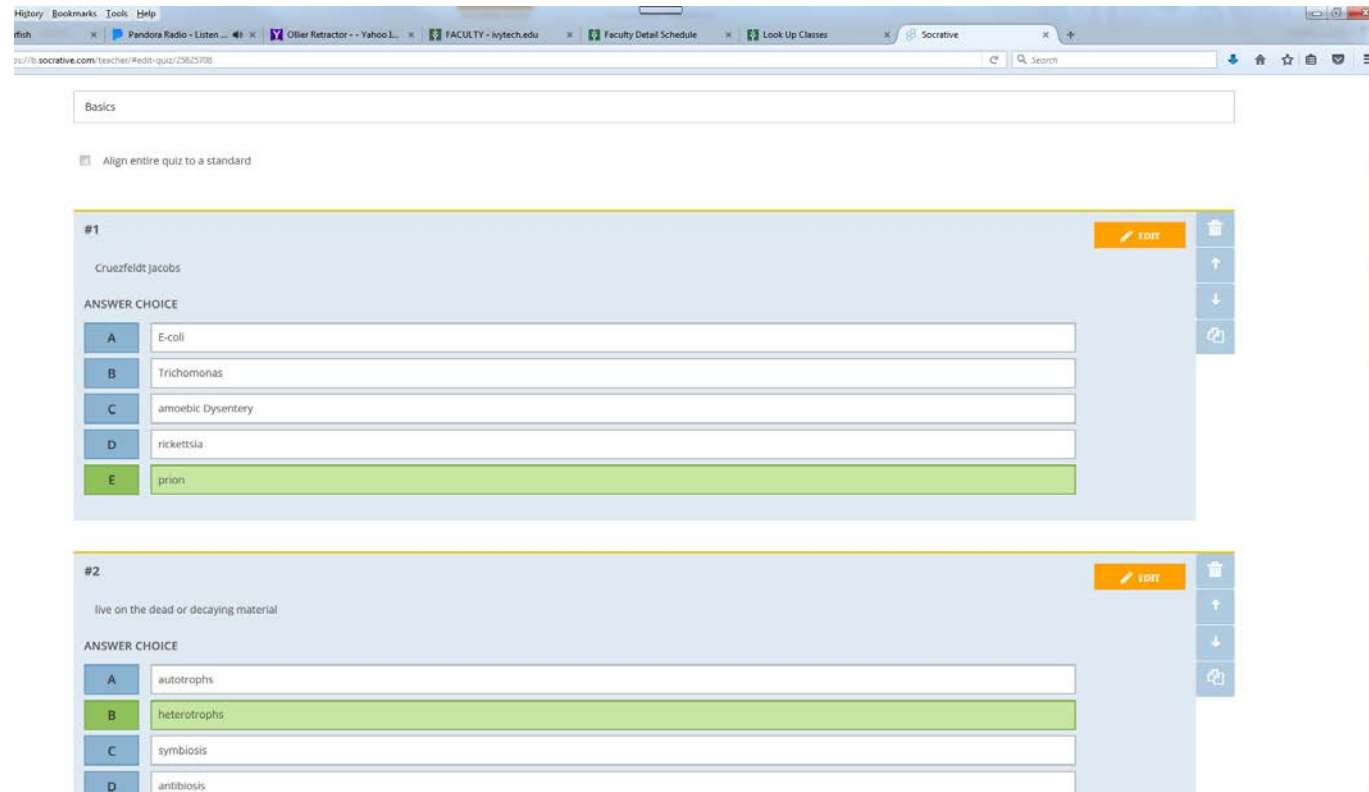
Review for CST

- Make assignments
 - Some independent
 - Some in class with their peers



SOCRATIVE

- www.socrative.com



The screenshot shows a web browser window with the Socrative interface. The browser tabs include Pandora Radio, Olier Retractor, FACULTY - kytech.edu, Faculty Detail Schedule, Look Up Classes, and Socrative. The address bar shows the URL: 901/fb.socrative.com/teacher/#edit-quiz/29625788. The interface includes a search bar, a checkbox for "Align entire quiz to a standard", and two question cards.

#1
Cruetzfeldt jacobs

ANSWER CHOICE

A	E-coli
B	Trichomonas
C	amoebic Dysentery
D	rickettsia
E	prion

#2
live on the dead or decaying material

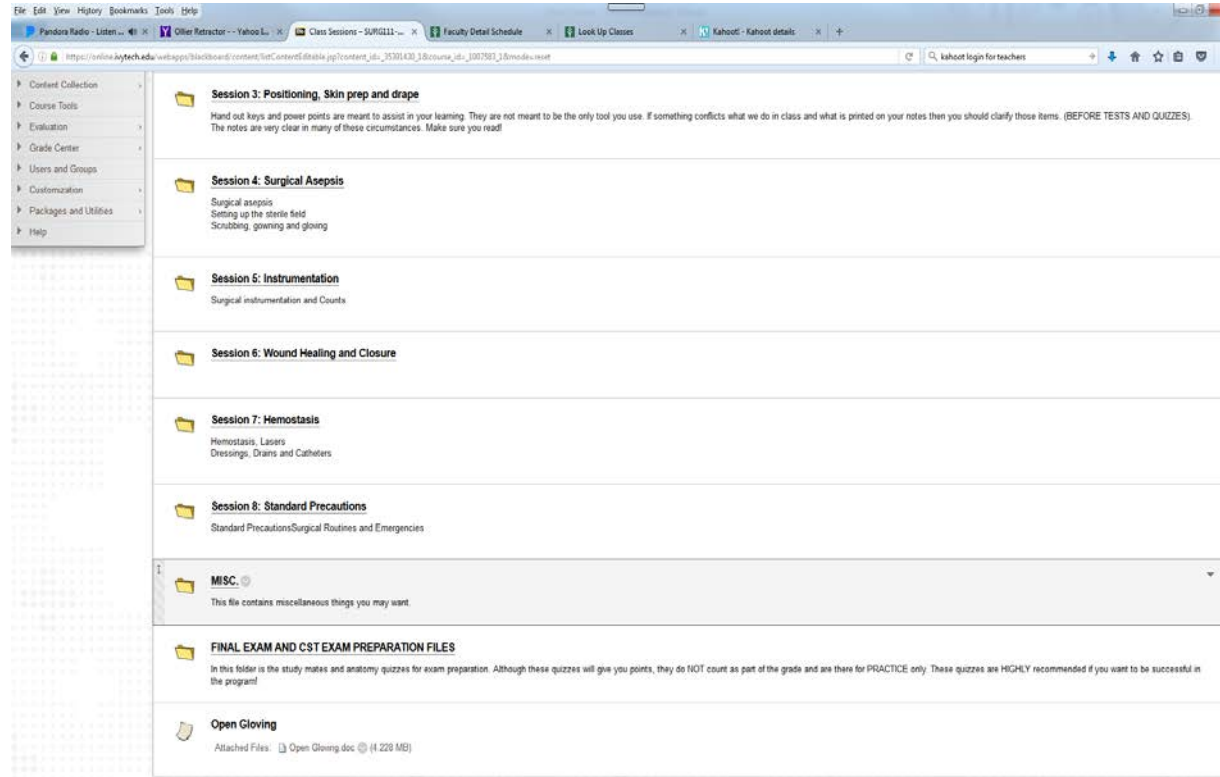
ANSWER CHOICE

A	autotrophs
B	heterotrophs
C	symbiosis
D	antibiosis



Study Mates (Respondus)

- Online resources through your campus



- + [Icons]
- Fall 2016:30A-Fund Surgical Technology (SURG111-30A-A2-201620)
 - Announcements
 - Start Here-Syllabi
 - Class Sessions
 - Discussions
 - Resources
 - Grades
 - Instructor
 - Communication & Tools
 - Help
 - Instructor Resources
 - Report Course Issues
 - My Grades
 - Help1
- COURSE MANAGEMENT
 - Control Panel
 - Content Collection
 - Course Tools
 - Evaluation
 - Grade Center
 - Users and Groups
 - Customization
 - Packages and Utilities
 - Help

FINAL EXAM AND CST EXAM PREPARATION FILES

Build Content Assessments Tools Partner Content

Session 8: Session Overview
The following is an overview of this session:

Session 8: Learning Objectives and Content
By the end of this session, you will be able to:

1. Describe the perioperative care of the surgical patient, including diagnostic tests, potential surgical hazards, and postoperative care.
2. Explain the concepts of anesthesia per surgical procedures.
3. Describe the various types of incisions for specific surgical procedures.
4. Describe the procedural steps in specific surgical procedures.
5. Identify normal anatomy and physiology in specific surgical procedures.
6. Identify pathology pertaining to specific surgical procedures.
7. Explore the scrubbing and circulating responsibilities of specific surgical procedures.
8. Identify the physical, spiritual, and psychological needs of the patient.
9. Describe the concepts of universal precautions as it relates to Surgical Technology.

Here is the content for this session:

- Activities and Materials-review games in study mates for many topic areas
- Assignments/Assessments-tests to test your skills and knowledge. THESE ARE PRACTICE ONLY!!!

They can be taken as much as desired. NO POINTS WILL BE AWARDED!!

Session 8: Assignments & Assessments
Below are all of the assignments and assessments for this session. Make sure you have carefully gone through all of the materials and activities provided above before you begin completing the assignments and assessments below.

Study Mates

Anatomy Tests

File Edit View History Bookmarks Tools Help

Pandora Radio - Listen ... Ollier Retractor - - Yahoo L... Study Mates - SURG111-30... Faculty Detail Schedule Look Up Classes Kahoot! - Kahoot details

https://online.ivytech.edu/webapps/blackboard/content/listContentEditable.jsp?content_id=_37582996_1&course_id=_1007583_1

Build Content Assessments Tools Partner Content

Fall 2016:-30A-Fund Surgical Technology (SURG111-30A.A2.201620)

- Announcements
- Start Here-Syllabi
- Class Sessions
- Discussions
- Resources
- Grades
- Instructor
- Communication & Tools
- Help
- Instructor Resources
- Report Course Issues
- My Grades
- Help1

COURSE MANAGEMENT

- Control Panel
- Content Collection
- Course Tools
- Evaluation
- Grade Center
- Users and Groups
- Customization
- Packages and Utilities
- Help

Intro to ST

Legal

Team

Micro

Microorganisms

Micro Sterilization test

Sterilization













Positioning









Skin Prep and Drape

Inst. Count

Browser window showing a list of content items in a Blackboard system. The browser tabs include Pandora Radio, Ollier Retractor, Study Mates - SURG111-30..., Faculty Detail Schedule, Look Up Classes, and Kahoot! - Kahoot details. The address bar shows the URL: https://online.ivytech.edu/webapps/blackboard/content/listContentEditable.jsp?content_id=_37582996_1&course_id=_1007583_1. The search bar contains the text "kahoot login for teachers".

The list of content items is as follows:

-  **Inst. Count**
-  **Instrument use**
-  **Asepsis**
-  **Wound Closure**
-  **Wound Closure Test**
-  **Sutures**
-  **Hemostasis Matching**
-  **Surgical Pharm** 
-  **Surgical Pharm 2**
-  **Basic Med Term**
-  **ENT**

-  [Surgical Pharm](#)
-  [Surgical Pharm 2](#)
-  [Basic Med Term](#)
-  [ENT](#)
-  [Integumentary](#)
-  [Neck](#) ▾
-  [Neck Surgery](#)
-  [Neurosurgery](#)
-  [OB](#)
-  [Ent 2](#)

StudyMate[®]
.COM

Surgical Pharm 2

Select an activity:












FACTCARDS	FACTCARDS+
FLASH CARDS	FIAM IN THE BLANK
PICK A LETTER	MATCHING
CROSSWORDS	Glossary
Quiz	

History Bookmarks Tools Help

radio - Listen ... Ollier Retractor - - Yahoo I... Anatomy Tests - SURG213-... StudyMate - Surgical Phar... Faculty Detail Schedule Look Up Classes Kahoot! - Kahoot details +

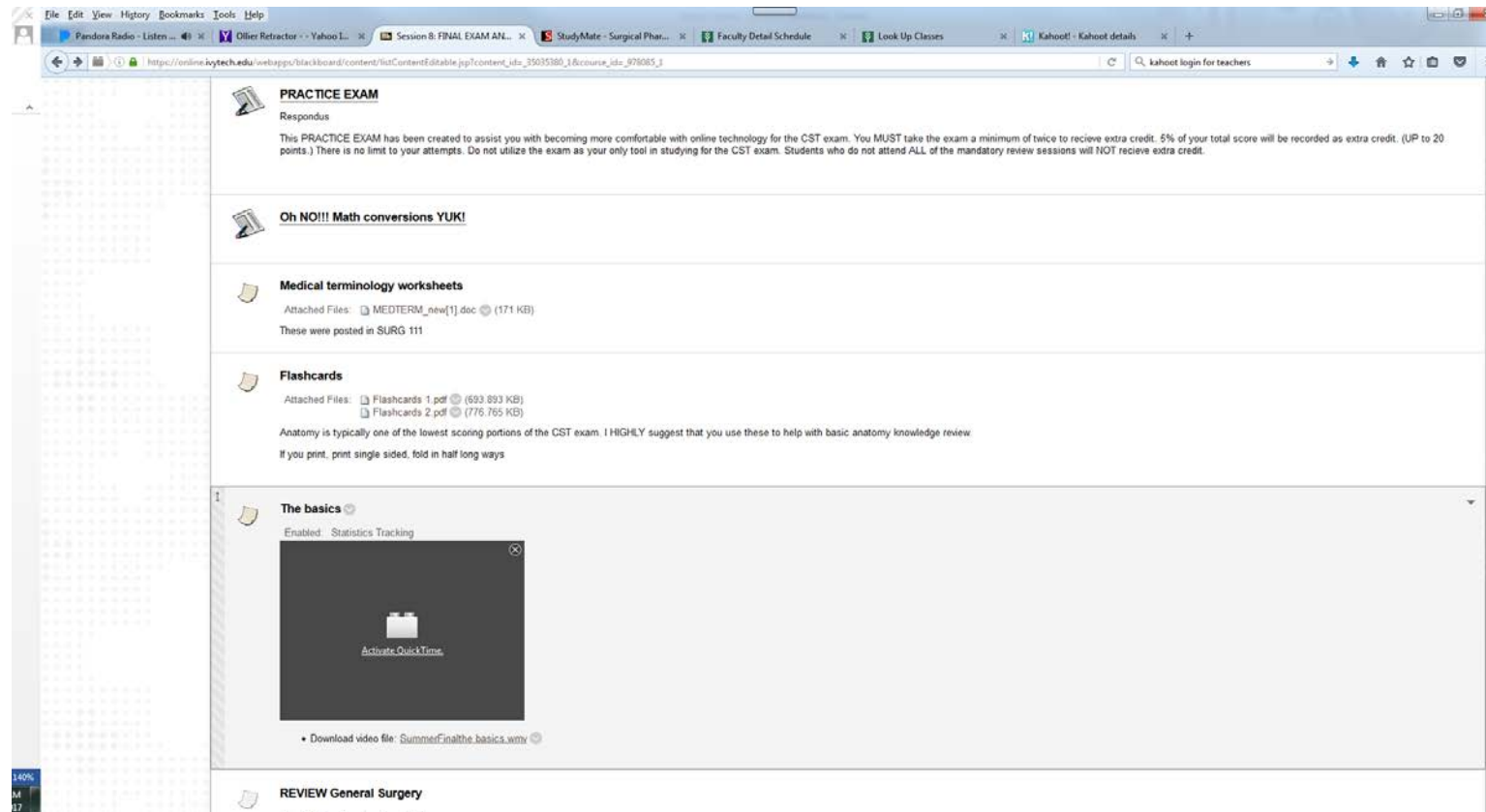
ps://online.ivytech.edu/webapps/blackboard/content/listContentEditable.jsp?content_id=_35035385_1&course_id=_978085_1

Build Content Assessments Tools Partner Content

-  **Skin Anatomy Quiz**
-  **General**
-  **Thoracic Quiz**
-  **Vascular anatomy**
-  **Musculoskeletal system**
-  **Genitourinary**
-  **Gastrointestinal System**
-  **The Name Game**
Fill in the name blanks. Use capitalization for names and roman numerals if numbers are part of the answer.
-  **ENT**
-  **Anesthesia Quiz**
-  **Drugs and stuff**

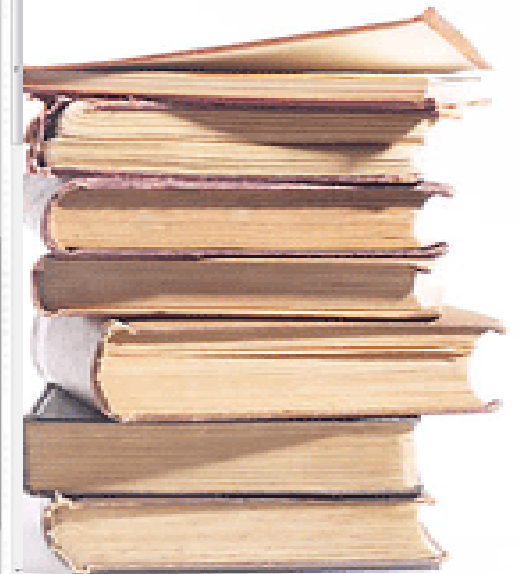
Require review

- Practice CST type exams



The screenshot shows a web browser window displaying a Blackboard LMS course page. The browser's address bar shows the URL: https://online.kytech.edu/webapps/blackboard/content/listContentEditable.jsp?content_id_35035380_3&course_id_875085_3. The page content includes several sections:

- PRACTICE EXAM**
Respondus
This PRACTICE EXAM has been created to assist you with becoming more comfortable with online technology for the CST exam. You MUST take the exam a minimum of twice to receive extra credit. 5% of your total score will be recorded as extra credit. (UP to 20 points.) There is no limit to your attempts. Do not utilize the exam as your only tool in studying for the CST exam. Students who do not attend ALL of the mandatory review sessions will NOT receive extra credit.
- Oh NO!!! Math conversions YUK!**
- Medical terminology worksheets**
Attached Files: MEDTERM_new[1].doc (171 KB)
These were posted in SURG 111
- Flashcards**
Attached Files: Flashcards 1.pdf (593.893 KB), Flashcards 2.pdf (776.765 KB)
Anatomy is typically one of the lowest scoring portions of the CST exam. I HIGHLY suggest that you use these to help with basic anatomy knowledge review.
If you print, print single sided, fold in half long ways
- The basics**
Enabled Statistics Tracking
A video player is embedded with the text "Activate QuickTime."
Download video file: SummerFinalthe_basics.wmv
- REVIEW General Surgery**



What else? Anything and everything!

- Utilize every opportunity
 - Show examples (have a ton of stuff)
 - Can even do quizzes on items?
 - Mayo quiz
 - Jeopardy games
 - Who wants to be a super tech?
 - Scrub bowl
 - Shared by another wonderful Surg Tech instructor
 - Don Braziel ☹️ RIP
 - Team work on scenario reviews
 - Turner technology
 - Survivor



Fall review-Basics

- An emergency laparotomy is scheduled for a possible ruptured spleen.
 - What is the prep and drape for this type of surgery?
 - During this trauma, what would be important to know about counts?
 - During the case there is excessive amounts of blood that has caused strike-through. How would you fix this issue? On gown? On drapes?



More complex group studies.....

- Bill had been suffering from constipation for many months. He finally went to a gastrointestinal specialist and he was scheduled for a Miles Resection. The surgery would be done under general anesthesia. He suffers from a latex allergy but the doctor did not seem concerned.



- Quiz as you go in class..
 - Rewards if you need to..
 - T-shirts
 - AST book bags
 - Freebies we get from conference.
 - How many book backs can you use?
 - Candy, cheap and loved!
 - Extra credit points
 - NOT if it makes a failing student pass!



- Quiz.thefullwiki.org
 - Anatomical pathology
 - Many anatomy quizzes
 - Surgical stapling quiz
 - 44000 subjects
- www.cram.com
 - 1709 medical (surgery) flashcards



- Practicequiz.com
 - Surgical technology exam prep
 - Free daily questions
 - Test mode
 - Study mode
- www.purposegames.com
- Crosswordweaver
 - Make your own crossword puzzles
 - Purchased online



Crosswordweaver.com

- **Crossword Weaver® only** (USD \$39.95, or \$29.95 with educational discount.)
1-2-3 Word Search Maker™ only (\$24.95, or \$18.71 with educational discount)
- Crossword Weaver™ and 1-2-3 Word Search Maker™ bundle (save \$5.00)

- **Please select the delivery method:**
- (All delivery methods let you unlock the downloadable demo immediately after purchasing.)
-
- Download only — Free!
- CD via US First Class Mail or air mail — \$4.95 plus \$3.95 S&H
- CD via US Priority Mail — \$4.95 plus \$7.95 S&H



- I do anything and everything I can!!
- Remind them of the costs of a second exam!!
- Change it up!!
- Good luck!!



- Thank you!

