Core Surgical Skills Learning Modules

These self-paced modules are designed to optimize student learning during surgery laboratories by laying a solid foundation prior to lab. Students will arrive more confident and ready to receive coaching that will significantly enhance their surgical skills.

The CENTER for EDUCATIONAL TECHNOLOGIES

TEXAS A&M UNIVERSITY
Veterinary Medicine & Biomedical Sciences

Accelerate Student Learning

The Core Surgical Skills training program features lessons designed to help instructors prepare entry level surgeons. Using a combination of interactive media, students will learn the fundamental principles of instrument handling and knot tying, while a series of practice exercises helps prepare students for face-to-face surgery labs.

What's Included

Core Surgical Skills I: Basic Instrument Use
$3,100/yr. for unlimited users (contact time: 7 hrs)

- Scalpels
- Forceps
- Clamps
- Scissors
- Needle holders

Core Surgical Skills II: Knot Tying
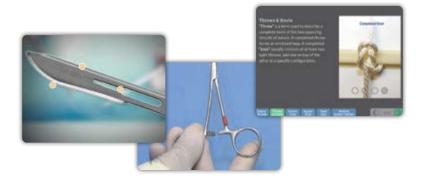$3,000/yr. for unlimited users (contact time: 4 hrs)

- The 3-steps of knot construction
- Security, suture materials & slippage
- Gathering & sliding suture
- Square knot
- Surgeon's knot
- Slip knot
- Instrument ties
- Hand ties
- One-hand technique
- Two-hand technique
- Deep two-hand technique

Instructor Tools
- Independent activities help students practice skills before attending labs.
- Lab guides help instructors evaluate and track student mastery of skills.

Assessments
- Formative: Interactive practice exercises at the end of lessons provide students with opportunities to apply the material and receive feedback on their performance.
- Summative: Graded exams at the end of modules provide students with opportunities to demonstrate content mastery and report scores to faculty.

License Core Surgical Skills I and Core Surgical Skills II for $6,100/yr. for unlimited users

Audience & Delivery

Designed to complement gross anatomy dissection labs, basic surgery, and clinical rotations.

Basic Instrument Use: Web-based HTML5 content streams directly to students via password protected learning management system. Runs on PC, MAC, tablet, and mobile devices.

Knot Tying: Web-based HTML5 content streams directly to students via password protected learning management system. Runs on PC, MAC, tablet and mobile devices.

About the Authors

Daniel D. Smeak, DVM, Diplomate ACVS

Lawrence N. Hill, DVM, Diplomate ABVP (Canine & Feline)

For more information or to try a demo, connect with us at **CET@cvm.tamu.edu**