

## Distance Education Resources, Supplemental Materials & Web Links For Surgical Technology and Surgical Assisting Educational Programs

The ARC/STSA and EdAccred have compiled resources to assist our educators with student engagement throughout the transition to distance education during the public health crisis. Tools and resources can be used online and on ground, when you return to your campuses.

Thank you for your continued commitment to your students' education, health and safety!

Virtual Classroom Resources	
<p>Meeting/Teleconference Platforms for live lectures, recorded lectures, discussion groups, and/or screen-sharing</p> <p>(Available at no charge, free trial periods, or with specific institutions' current LMS contracts)</p>	<ul style="list-style-type: none"> <li>✦ Blackboard Collaborate: <a href="https://www.blackboard.com/teaching-learning/collaboration-web-conferencing/blackboard-collaborate">https://www.blackboard.com/teaching-learning/collaboration-web-conferencing/blackboard-collaborate</a></li> <li>✦ Canvas Instructure: <a href="https://www.instructure.com/canvas/try-canvas">https://www.instructure.com/canvas/try-canvas</a></li> <li>✦ Free Conference Call: <a href="https://www.freeconferencecall.com/global/online-meetings">https://www.freeconferencecall.com/global/online-meetings</a></li> <li>✦ Free Conference Meeting Room: <a href="https://www.freeconference.com/feature/free-online-meeting-room/">https://www.freeconference.com/feature/free-online-meeting-room/</a></li> <li>✦ Google Classroom: <a href="https://edu.google.com/intl/en/products/classroom/?modal_active=none">https://edu.google.com/intl/en/products/classroom/?modal_active=none</a></li> <li>✦ Google Hangouts: <a href="https://hangouts.google.com/">https://hangouts.google.com/</a></li> <li>✦ Go To Meeting: <a href="https://free.gotomeeting.com/">https://free.gotomeeting.com/</a></li> <li>✦ Join Me: <a href="https://www.join.me/">https://www.join.me/</a></li> <li>✦ Microsoft Teams: <a href="https://products.office.com/en-US/microsoft-teams/group-chat-software">https://products.office.com/en-US/microsoft-teams/group-chat-software</a></li> <li>✦ Skype: <a href="https://www.skype.com/en/">https://www.skype.com/en/</a></li> <li>✦ Webex: <a href="https://www.webex.com/">https://www.webex.com/</a></li> <li>✦ Zoho: <a href="https://www.zoho.com/meeting/">https://www.zoho.com/meeting/</a></li> <li>✦ Zoom: <a href="https://zoom.us/">https://zoom.us/</a></li> </ul>
Publisher Resources	
<p>Publishers offering free access to resources or eBooks to support educational programs during COVID-19</p>	<ul style="list-style-type: none"> <li>✦ Cengage MindTap: <a href="https://www.cengage.com/mindtap/">https://www.cengage.com/mindtap/</a></li> <li>✦ Elsevier: <a href="https://evolve.elsevier.com/cs/store?role=faculty">https://evolve.elsevier.com/cs/store?role=faculty</a></li> <li>✦ VitalSource: <a href="https://get.vitalsource.com/vitalsource-helps?fbclid=IwAR0zPr_wbRnu0J6XFF7t_UuhDsHqXmp54ta2xkgG_QHbf6pX8JfXo7k9IYRI">https://get.vitalsource.com/vitalsource-helps?fbclid=IwAR0zPr_wbRnu0J6XFF7t_UuhDsHqXmp54ta2xkgG_QHbf6pX8JfXo7k9IYRI</a></li> </ul>

Didactic Resources		
Research project topics, group projects, learning beyond the textbook materials	<a href="https://www.davincisurgerycommunity.com/">https://www.davincisurgerycommunity.com/</a>	Robotics resource including procedural videos, training, procedure cards, and webinars
	<a href="https://www.hmark.com/education.php">https://www.hmark.com/education.php</a>	Education focused on sterile processing and infection control
	<a href="https://injinstitute.com/en-us">https://injinstitute.com/en-us</a>	Resources, online learning, webinars, and virtual events for all surgical specialties
	<a href="https://mms.mckesson.com/content/clinical-resources/online-education/">https://mms.mckesson.com/content/clinical-resources/online-education/</a>	Interactive online education portal, webinars, compliance training
	<a href="https://medtube.net/">https://medtube.net/</a>	Library of videos, images, courses, and publications for healthcare professionals
	<a href="https://www.pfiedlereducation.com/diweb/start">https://www.pfiedlereducation.com/diweb/start</a>	Courses specific to surgical technology and sterile processing with completion certificates
	<a href="https://training.fema.gov/is/crslis.t.aspx">https://training.fema.gov/is/crslis.t.aspx</a>	Courses relating to disaster situations with completion certificates
Podcasts and Movies		
Podcasts and movies for online discussion board topics	<a href="#">Behind the Knife Podcast</a>	Broad range of surgical topics, with a behind-the-scenes look at the interesting, controversial and humanistic side of surgery
	<a href="#">Legends of Surgery Podcast</a>	Stories of people and events that have contributed to the history of modern surgery
	And the Band Played On	1993 movie regarding first years of the AIDS epidemic in the U.S. and unethical treatments
	Something the Lord Made	2004 movie/biographical drama about cardiac pioneer Vivien Thomas and his partnership with surgeon Alfred Blalock, the "Blue Baby doctor" who pioneered modern heart surgery
	The Doctor	1991 movie about a surgeon who develops a life-threatening tumor and sees life from a patient's perspective

<b>Surgical Procedures</b>		
Note: Supplemental materials are not a substitution for required clinical cases.		
<p>Procedure videos (supplemental materials) can help students learn the steps to a procedure, instrumentation used, and anatomy involved. Assignments could include creating preference cards or case studies that are procedure specific.</p>	<a href="https://cstsetup.com/">https://cstsetup.com/</a>	Guides to help with instrument identification and Mayo stand set-ups
	<a href="https://www.csurgeries.com/">https://www.csurgeries.com/</a>	A library of surgical procedures created by surgeons
	<a href="https://www.hopkinsallchildrens.org/Services/Pediatric-General-Surgery/Pediatric-Surgery-Video-Library">https://www.hopkinsallchildrens.org/Services/Pediatric-General-Surgery/Pediatric-Surgery-Video-Library</a>	Collection of pediatric surgical videos
	<a href="https://medprofvideos.mayoclinic.org/">https://medprofvideos.mayoclinic.org/</a>	Video resource center for healthcare professionals
	<a href="https://www.omni-guide.com/education/video-library-specialty/">https://www.omni-guide.com/education/video-library-specialty/</a>	Surgical procedure videos using advanced energy solutions
	<a href="http://orsetup.com/">http://orsetup.com/</a>	Plastics/reconstructive, contains set-up videos and surgeon preference cards
	<a href="https://ota.org/">https://ota.org/</a>	Weekly complimentary interactive case conferences, journal articles and videos
	<a href="http://www.surgerytheater.com/">http://www.surgerytheater.com/</a>	Collection of 12,000+ surgical procedure videos
	<a href="https://www.touchsurgery.com/">https://www.touchsurgery.com/</a>	Interactive surgical simulation app for healthcare professionals
<b>Basic Sciences</b>		
<p>Great resources to review basic sciences for the CST or CSFA examination</p>	<a href="https://www.austincc.edu/microbugz/index.php">https://www.austincc.edu/microbugz/index.php</a>	Clinically oriented microbiology materials including pictures, information, and quizzes
	<a href="https://www.merlot.org/merlot/materials.htm?keywords=physiology&amp;sort.property=relevance">https://www.merlot.org/merlot/materials.htm?keywords=physiology&amp;sort.property=relevance</a>	Library collection that includes a vast amount of anatomy and physiology presentations
	<a href="http://www.path.emory.edu/EPeP/bacteria.cfm">http://www.path.emory.edu/EPeP/bacteria.cfm</a>	Infectious disease case studies w/interactive quizzes
	<a href="https://www.pharmacology2000.com/">https://www.pharmacology2000.com/</a>	Medical pharmacology with focus on nursing and anesthesia medications
	<a href="https://training.seer.cancer.gov/anatomy/body/">https://training.seer.cancer.gov/anatomy/body/</a>	Anatomy and physiology resources categorized by body system

Assessment/Testing Platforms		
Platforms to create online assessments for students (free versions available)	<ul style="list-style-type: none"> <li>✦ Classtime: <a href="https://www.classtime.com/blog/4-ideas-to-effectively-teach-with-distance-learning/">https://www.classtime.com/blog/4-ideas-to-effectively-teach-with-distance-learning/</a></li> <li>✦ EdBase: <a href="http://www.edbase.net/">http://www.edbase.net/</a></li> <li>✦ FlexiQuiz: <a href="https://www.flexiquiz.com/">https://www.flexiquiz.com/</a></li> <li>✦ ThinkExam: <a href="https://www.thinkexam.com/">https://www.thinkexam.com/</a></li> </ul>	
Miscellaneous Tools		
Available to students to use with a smartphone	<a href="https://www.camscanner.com/">https://www.camscanner.com/</a>	App used to upload documents as pdf
	<a href="https://www.iclicker.com/">https://www.iclicker.com/</a>	Increase student engagement with polling tools
	<a href="https://www.peardeck.com/">https://www.peardeck.com/</a>	Promote active learning and formative assessment
	<a href="https://kahoot.com/">https://kahoot.com/</a>	Make learning fun with ability to create interactive games
Distance Education Instructor Resources		
A collection of resources and initiatives to support your efforts in moving courses to an online format	<ul style="list-style-type: none"> <li>✦ Columbia University Center for Teaching and Learning: <a href="https://ctl.columbia.edu/resources-and-technology/teaching-with-technology/teaching-online/adapting-your-course/">https://ctl.columbia.edu/resources-and-technology/teaching-with-technology/teaching-online/adapting-your-course/</a></li> <li>✦ SkillsCommons*: <a href="http://support.skillscommons.org/showcases/open-courseware/teacher-training/teach-online/">http://support.skillscommons.org/showcases/open-courseware/teacher-training/teach-online/</a></li> </ul>	

\*Click "Download Materials;" "Preview Online Course" option has been removed.

\*The resources above are shared for informational purposes and not intended as promotion or product endorsement by the ARC/STSA or EdAccred.

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