

To view brief overviews of all modules, please visit [simtics.com/library](https://simtics.com/library).  
For Academic Pricing, email us at [sales@simtics.com](mailto:sales@simtics.com)

## SIMTICS Medical Assisting (Clinical)

- Administer Intramuscular Injections
- Administer Subcutaneous Injections
- Administer Intradermal Injections
- Vital Signs (Adult)
- Vital Signs (Pediatric)
- Pediatric Assessment (infant)
- Perform Venipuncture
- Perform Capillary Puncture and Hematology Testing
- Irrigate Eyes & Instill Medication
- Irrigate Ears & Instill Medication
- Administer Nebulizer Treatment & Assess Peakflow
- Perform and Interpret an ECG (Introductory)
- Obtain Swabs for Culture
- Assist with Pap Smear & Breast Examination
- Prepare for Minor Surgical Procedure
- Skin Preparation Before Surgery
- Assist with Minor Surgical Procedure
- Perform Suture Removal
- + 6 Comprehensive Review Modules

## SIMTICS Infection Control

(included in MA Clinical Suite)

- Disinfection and Sterilization in the Outpatient Setting 1
- Disinfection and Sterilization in the Outpatient Setting 2
- Hand Hygiene (sims only)
- Isolation PPE Protocol (sims only)

## SIMTICS Lab Tests

(add-on or included in MA Extended Suite)

- Perform Routine Clinical Urinalysis Test
- Perform Rapid Strep Test
- Perform Infectious Mononucleosis Test
- + 1 Comprehensive Review Module

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## SIMTICS Dental Assisting

- Disinfection, Sterilization and Bloodborne Pathogens Part 1: Disinfection
- Disinfection, Sterilization and Bloodborne Pathogens Part 2: Sterilization
- Assist with Dental Patient Examination (incl. Charting)
- Practice Dental Charting (extra sims)
- Assist with Anesthetic Delivery
- Assist with Amalgam Restoration
- Assist with Composite Restoration
- Assist with Minor Oral Surgery
- Dental Radiography 1 - parallel
- Dental Radiography 2 – bisecting
- Obtain Vital Signs – Adult
- Obtain Vital Signs - Pediatric
- + 5 Comprehensive Review Modules

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## SIMTICS Basic Life Support for Health Professionals (AHA guidelines)

- Perform BLS on an Infant
- Perform BLS on a Child
- Perform BLS on an Adult

## SIMTICS Sonography

### For Sonography programs, we offer 3 Suites:

- General/DMS – 24 modules (+ 7 review)
- Cardiovascular – 18 modules (+ 5 review)
- Echocardiography only – 13 modules (+ 3 review)

Or choose any bundle of modules “a la carte” from the list below:

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- Basic Ultrasound Scan Techniques
- Ultrasound Physics I
- Ultrasound Physics II
- Abdominal Vasculature
- Gallbladder
- Gastrointestinal Tract
- Liver
- Pancreas
- Retroperitoneum, Peritoneal Cavity & Abdominal Wall
- Spleen
- Urinary Tract & Adrenal Glands
- First Trimester & Placenta
- Second & Third Trimesters
- Fetal Growth & High Risk Obstetrics
- Fetal Anomalies
- Pediatric Abdomen
- Pediatric Brain
- Pediatric Hip and Spine
- Female Breast
- Female Reproductive System
- Male Reproductive System
- Lower Limb Arteries
- Lower Limb Veins
- Thyroid & Parathyroid Glands
- Cardiovascular Pathology for Sonographers
- ECG 12-Lead
- Basic Echocardiography Techniques
- Basic Echocardiography Views
- Doppler Techniques
- Embryology & Congenital
- Endocarditis & Pericarditis
- TEE & Stress Echo
- Valve Disease
- Wall Motion & Diastolic Function
- Carotid, Subclavian, & Vertebral Arteries
- Vessel Mapping
- + 2 Abdominal Ultrasound Review modules
- + 1 Pediatric Ultrasound Review module
- + 2 Obstetric Ultrasound Review module
- + 3 Cardiac Ultrasound Review modules
- + 2 Vascular Ultrasound Review modules

## SIMTICS Radiography

- Basic Radiographic Techniques
  - Introduction to CT & MRI
  - Introduction to Fluoroscopy & Interventional Radiology
  - Introduction to Mammography and Bone Densitometry
  - Chest, Bony Thorax and Soft Tissues of Neck (routine/common projections)
  - Upper Extremity & Shoulder Girdle (routine/common projections)
  - Non-routine Projections for Chest, Bony Thorax, Neck, Upper Extremity & Shoulder Girdle
  - Lower Extremity & Hip
  - Abdomen & Pelvis
  - Skull, Cranial & Facial Bones and Paranasal Sinuses
  - Spinal Column
  - Urinary & Reproductive Systems
  - Upper & Lower GI Systems & Biliary Tract
  - Central Nervous System, Circulatory System & Arthrography
  - Pharmacology and Drug Administration
  - Radiographic Imaging
  - Radiographic Analog Processing
  - Computer Science, the Digital Image and Computed Radiography
  - Digital Radiography, Image Viewing and PACS
  - Radiographic Image Analysis
  - + 3 Review modules with additional projections
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## SIMTICS Respiratory Care (NEW in 2021)

- Oxygen Administration Equipment Recognition
- Perform Oxygen Administration Protocols
- Arterial Blood Gas Procedures and Interpretation
- Aerosol Medication Delivery Protocols
- Proper Airway Procedures During Respiratory Care
- Perform Proper Bronchoscopy Protocol
- Perform Pulmonary Function Testing
- Proper Suctioning Procedures During Respiratory Care
- Proper Ventilation Procedures During Respiratory Care
- Disinfection & Sterilization in Outpatient Setting 1
- Disinfection & Sterilization in Outpatient Setting 2
- Hand Hygiene (sims only)
- Isolation PPE Protocol (sims only)

## SIMTICS Medical Professional: Clinical

- Arterial Blood Sampling
- Arterial Line Insertion
- Bimanual Pelvic Examination
- Bladder Catheterization – Female
- Bladder Catheterization – Male
- Bladder Catheterization – Suprapubic
- Capillary Puncture & Hematology Testing
- Central Venous Catheterization – Internal Jugular
- Central Venous Catheterization – Subclavian
- Cervical Smear
- Digital Block
- Digital Rectal Examination
- 12-Lead ECG
- ECG Interpretation
- Injections – Intradermal
- Injections – Intramuscular
- Injections – Subcutaneous
- Intercostal Drain Insertion (mattress suture)
- Intercostal Drain Insertion (simple technique)
- Intercostal Drain Removal (mattress suture)
- Intercostal Drain Removal (simple technique)
- Irrigate the Ear and Administer Medication
- Irrigate the Eye and Administer Medication
- Lumbar Puncture
- Minor Surgical Procedures
- Nasogastric Tube Insertion
- Nebulizer Treatment
- Suture Removal
- Swab Culture
- Pediatric Assessment
- Preparation for Minor Surgical Procedures
- Proctoscopy
- Rigid Sigmoidoscopy
- Skin Preparation for Minor Surgery
- Venipuncture
- Venous Cannulation
- Vital Signs – Adult
- Vital Signs – Pediatric
- Laparoscopic Appendectomy

## SIMTICS Medical Professional: Ultrasound

- Basic Ultrasound Scan Techniques
- Ultrasound Physics I
- Ultrasound Physics II
- Abdominal Vasculature
- Gallbladder
- Gastrointestinal Tract
- Liver
- Pancreas
- Retroperitoneum, Peritoneal Cavity and Abdominal Wall
- Spleen
- Urinary Tract & Adrenal Glands
- First Trimester & Placenta
- Second & Third Trimesters
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- Endocarditis & Pericarditis
- TEE & Stress Echo
- Valve Disease
- Wall Motion & Diastolic Function
- Carotid, Subclavian, & Vertebral Arteries
- Vessel Mapping
- + 11 Review modules – sims and quizzes only

Email us for more information or academic pricing at [sales@simtics.com](mailto:sales@simtics.com) or chat to us on the website at [simtics.com](https://simtics.com)