

▶ For brief overviews of all modules, please visit simtics.com/library and choose your area of interest. Click on a module name to view the details.

▶ For Academic Pricing, email us at 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
- 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)
- + 6 Comprehensive Review Modules

SIMTICS Medical Assisting: Extension

- Obtain Patient History
- Patient Positioning
- Handling Medical Emergencies
- Electronic Health Records

SIMTICS Lab Tests

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

SIMTICS Infection Control

(included in MA Suite: Clinical. Also available separately)

- 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 Basic Life Support for Health Professionals

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

SIMTICS Dental Assisting

- Disinfection, Sterilization and Bloodborne Pathogens Part 1: Disinfection
- Disinfection, Sterilization and Bloodborne Pathogens Part 2: Sterilization
- Assist with Dental Patient Examination
- Assist with Dental Charting
- Practice Dental Charting (extra sims only)
- 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

SIMTICS Respiratory Care

- 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 Dental Assisting: Extension

- Assist with Crown and Bridge Procedure
- Assist with Root Canal Therapy
- Dental Impressions

SIMTICS Professional Skills

(versions available for Dental Assisting and Medical Assisting)

- Communication
- Ethics
- Teamwork and Conflict Management
- Time Management

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 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
- Cardiovascular Pathology
- 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
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- Vessel Mapping

Email us for more information, including academic pricing, at sales@simtics.com or chat to us on the website at simtics.com