

Medical University of South Carolina
Electrophysiology Program Curriculum
August 2026



Program prerequisites
There are TWO curriculums offered for the EP Program. EP Curriculum ONE is for recent CVT Graduates, current/recent (within last two years) CVTs and/or Nurses working in a Cath lab with scrub experience. EP Curriculum TWO is for those that are currently or have recently (within last two years) worked as an EKG Technician, EMT paramedic or meet the minimum requirements. The <i>MINIMUM</i> requirements for both curriculums offered are a minimum of a 3.0 GPA, current BLS and ACLS Certification. Those applying under EP curriculum two must successfully pass a preadmission EKG exam administered by MUSC's EP program at the CWS School of CVT. Transcripts MUST showcase the following college level prerequisites when calculating GPA: ◆ Anatomy and Physiology I and lab (4 credits) ◆ Anatomy and Physiology II and lab (4 credits) ◆ Medical Terminology ◆ College Algebra or higher ◆ English Composition

Electrophysiology Curriculum ONE	
Fall and/or Spring Start Semester (16 Weeks)	Credit Hrs
EP 104 Intro to Electrophysiology	5
CVT 105 EKG & 12 Lead Interpretation	4
EP 300B EP Clinical I	8
Summer (and/or Fall/Spring) Semester (mini terms – 8 weeks)	Credit Hrs
EP 208 EP as a Professional	3
EP 302B EP Clinical II	8
Total Credit Hours	28

Electrophysiology Curriculum TWO	
Fall Semester	Credit Hrs
CVT 102 Intro to Cardiovascular Technology	3
CVT 120 Cardiovascular Pharmacology	3
CVT 201 Cardiovascular Pre-Practicum I	3
Spring Semester	
EP 104 Intro to Electrophysiology	5
CVT 105 EKG & 12 Lead Interpretation	4
EP 300 EP Clinical I	9
Summer Semester	
EP 208 EP as a Professional	3
EP 302 EP Clinical II	10
Total Credit Hours	40