



TRADES ACADEMY

Building Skills For A Lifetime

Electronic Systems Technician

Core Curriculum (2015):

Basic Safety * Introduction to Construction Math * Introduction to Hand Tools * Introduction to Power Tools * Introduction to Construction Drawings * Basic Rigging * Basic Communication Skills * Basic Employability Skills * Introduction to Materials Handling

Core Curriculum: **85 hours** **Core Tuition:** **\$1,360.00** **Core Textbook:** **\$95.00**

Electronic Systems Technician (EST) Level 1 (2010):

Introduction to the Trade * Wood & Masonry Construction Methods * Concrete & Steel Construction Methods * Pathways & Spaces * Craft-Related Mathematics * Hand Bending of Conduit * Introduction to the National Electric Code * Low-Voltage Cabling

EST Level 1: **90 hours** **Level 1 Tuition:** **\$1,440.00** **Level 1 Textbook:** **\$95.00**

Electronic Systems Technician (EST) Level 2 (2010):

DC Circuits * AC Circuits * Switching Devices & Timers * Semiconductors & Integrated Circuits * Test Equipment * Introduction to Electrical Drawings * Introduction to Codes & Standards * Cable Selection * Wire & Cable Terminations * Power Quality & Grounding

EST Level 2: **145 hours** **Level 2 Tuition:** **\$2,320.00** **Level 2 Textbook:** **\$135.00**

Electronic Systems Technician (EST) Level 3 (2011):

Buses & Networks * Fiber Optics * Wireless Communications * Site Survey, Project Planning & Documentation * Fundamentals of Crew Leadership * Rack Assembly * System Commissioning & User Training * Maintenance & Repair

EST Level 3: **152.5 hours** **Level 3 Tuition:** **\$2,440.00** **Level 3 Textbook:** **\$135.00**



Accredited Training Unit

GCA TRADES ACADEMY OFFICE:

East West Business Center
718 N. Marine Corps Drive, Suite 201
Tamuning, Guam 96913-4425
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(671) 647-4866 (facsimile)

BARRIGADA TRAINING FACILITY:

196 East Route 8
Barrigada, Guam

September 2019

Electronic Systems Technician (EST) Level 4 (2012):

Audio Systems * Video Systems * Broadband Systems * Media Management Systems * Telecommunication Systems * Residential & Commercial Systems * Intrusion Detection Systems * Fire Alarm Systems * Overview of Nurse Call & Signalling Systems * CCTV Systems * Access Control Systems

EST Level 4:	325 hours	Level 4 Tuition:	\$5,200.00	Level 4 Textbook:	\$135.00
Total EST Program:	797.5 hours	Total Program Tuition:	\$12,760.00	Total Textbook Cost:	\$595.00

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