

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
ACC-CE	Drafting	Certified CAD Drafter Level 1	4 weeks	80 hours	\$996	Certified CAD Drafter Level 1		36 seats in spring and fall
ACC-CE	Drafting	Certified CAD Drafter Level 2	4 weeks	80 hours	\$996	Certified CAD Drafter Level 2		36 seats in spring and fall
AUSTIN ISD	Drafting	Engineering Design and Presentation 1	n/a	n/a	n/a			Credit for Technical Drafting @ ACC
TSTC-Credit	Drafting	Architectural & Civil Drafting Technology	n/a	60 hours	\$10,500	Associate of Applied Science Degree		Waco
TSTC-Credit	Drafting	Mechanical Electrical Drafting	n/a	60 hours	\$10,500	Associate of Applied Science Degree		Waco
TSTC-WF	Drafting	Computer Aided Drafting	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Drafting	Drafting & Design	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
ACC-CE	Electrical & Electronics	Pre Apprentice Electrician Courses	8 weeks	30 hours	\$2,590	Electrical Level 1 Certification and Core Construction	National Center for Construction Education and Research (NCCER)	

¹ ACC (Austin Community College) has 12 locations in an around the Austin area and TSTC (Texas State Technical College) has two locations nearby (one in Waco and one in Hutto.) The term ISD denotes Independent School Districts that have articulation agreements with ACC; CE denotes Continuing Education; and WF denotes Workforce program for employers.
² Clock Hours are used for Continuing Education Programs and Credit Hours are used for Credit Programs.
³ Certificate Levels 1 & 2 prepare individuals to enter a specialized career / technical field or upgrade his or her skills for job advancement. Most certificate awards are structured to allow the individual to move to a higher level certificate or to an Associate degree.

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
ACC-Credit	Electrical & Electronics	Automation, Robotics, and Controls Technology Level 1	n/a	15 hours	\$1,275	Certificate 1		
ACC-Credit	Electrical & Electronics	Automation, Robotics, and Controls Technology Specialization	n/a	60-61 hours	\$5,100 - \$5,185	Associate of Applied Science Degree		
ACC-Credit	Electrical & Electronics	Electronics Technician Specialization Level 1	n/a	22-23 hours	\$1,870 - \$1,955	Certificate 1		
ACC-Credit	Electrical & Electronics	Electronics Technology Specialization	n/a	60-61 hours	\$5,100 - \$5,185	Associate of Applied Science Degree		
EANES ISD	Electrical & Electronics	Electronics	n/a	n/a	n/a			Credit DC Circuits @ ACC
EANES ISD	Electrical & Electronics	Electronics	n/a	n/a	n/a			Credit for AC Circuits @ ACC
EANES ISD	Electrical & Electronics	Electronics	n/a	n/a	n/a			Credit for Digital Fundamentals @ ACC
LAKE TRAVIS ISD	Electrical & Electronics	Digital Electronics	n/a	n/a	n/a			Credit for Digital Fundamentals @ ACC
SAN MARCOS ISD	Electrical & Electronics	AC/DC Electronics	n/a	n/a	n/a			Credit for DC Circuits @ ACC

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
Texas State University - CE	Electrical & Electronics	Electrical Technician	12 months	120 hours	\$1,995			
Texas State University - CE	Electrical & Electronics	Mechantronics	12 months	180 hours	\$1,995			
TSTC-CE	Electrical & Electronics	FAST Trac - Associate Electronics Technician (CETa)	5 weeks	88 hours	\$2,600	CETa	Intl Society of Certified Electronics Technicians	FAST Trac
TSTC-Credit	Electrical & Electronics	Electrical Construction	n/a	41 hours	\$8,077	Certificate 1		Waco
TSTC-Credit	Electrical & Electronics	Electrical Power & Controls	n/a	60 hours	\$11,490	Associate of Applied Science Degree		Waco
TSTC-Credit	Electrical & Electronics	Industrial Electrical Systems	n/a	28 hours	\$5,516	Certificate 1		Hutto
TSTC-Credit	Electrical & Electronics	Electronics Technology	n/a	60 hours	\$10,500	Associate of Applied Science Degree		Waco
TSTC-WF	Electrical & Electronics	Electric Safety/Tools, Intro	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Electrical & Electronics	Electrical Power & Control	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Electrical & Electronics	Electrical Safety & Lockout/Tagout	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Electrical & Electronics	Electrical Theory & Devices	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
TSTC-WF	Electrical & Electronics	Electrical Theory, Basic	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Electrical & Electronics	Electrical Troubleshooting & Motor Controls	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Electrical & Electronics	Electrical Wiring Hand Tools, Basic	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Electrical & Electronics	Electrical, Advanced	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Electrical & Electronics	Electrician Apprenticeship	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Electrical & Electronics	Electronics	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Electrical & Electronics	Industrial Electrical w/ Print Reading	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Electrical & Electronics	Industrial Electronics for Mechanics	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Electrical & Electronics	NCCER Basic Electrical Wiring	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Electrical & Electronics	NCCER Introduction SMAW	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
ACC-Credit	Engineering	Engineering Technology Specialization	n/a	60-63 hours	\$5,100 - \$5,355	Associate of Applied Science Degree		
ACC-Credit	Engineering	Engineering Technology Specialization Level 2	n/a	33-34 hours	\$2,805 - \$2,890	Certificate 2		

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
ACC-Credit	Engineering	Engineering, Chemical	n/a	60 hours	\$5,100	Associate of Science Degree		
ACC-Credit	Engineering	Engineering, Civil	n/a	60 hours	\$5,100	Associate of Science Degree		
ACC-Credit	Engineering	Engineering, Electrical	n/a	60 hours	\$5,100	Associate of Science Degree		
ACC-Credit	Engineering	Engineering, General	n/a	60-64 hours	\$5,100 - \$5,440	Associate of Science Degree		
ACC-Credit	Engineering	Engineering, Mechanical	n/a	60-61 hours	\$5,100 - \$5,185	Associate of Science Degree		
AUSTIN ISD	Engineering	Principles of Applied Engineering	n/a	n/a	n/a			Credit for Intro to Engineering @ ACC
BASTROP ISD	Engineering	Engineering Science	n/a	n/a	n/a			Credit for Intro to Engineering @ ACC
HAYS ISD	Engineering	Engineering Science	n/a	n/a	n/a			Credit for Intro to Engineering @ ACC
LAKE TRAVIS ISD	Engineering	Engineering Science	n/a	n/a	n/a			Credit for Intro to Engineering @ ACC
LEANDER ISD	Engineering	Engineering Science	n/a	n/a	n/a			Credit for Intro to Engineering @ ACC
LIBERTY HILL ISD	Engineering	Principles of Applied Engineering	n/a	n/a	n/a			Credit for Intro to Engineering @ ACC
MANOR ISD	Engineering	Engineering Design and Presentation 1	n/a	n/a	n/a			Credit for Intro to Engineering @ ACC
ROUND ROCK ISD	Engineering	Principles of Engineering	n/a	n/a	n/a			Credit for Intro to Engineering @ ACC
TSTC-WF	Engineering	Industrial Systems & Engineering	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
TSTC-WF	Engineering	Mechanical Engineering	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
Texas State University	Engineering	Engineering Technician	18 months	330 hours	\$1,995			Online
TMAC	Leadership	Manufacturing Supervisory Skills	varies	varies	\$30-\$50 per hour			Schedule based on demand and need. Students are typically sponsored by employers.
TMAC	Leadership	Problem Solving	varies	varies	\$30-\$50 per hour			Schedule based on demand and need. Students are typically sponsored by employers.
TSTC-WF	Leadership	Leadership Skills Supervisors	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
ACC-CE	Logistics	Introduction to Business Logistics	16 weeks	48 hours	\$860			Limited capacity: 3-5 seats per session
ACC-CE	Logistics	Domestic and International Transportation Management	16 weeks	48 hours	\$256			Limited capacity: 3-5 seats per session
ACC-CE	Logistics	Warehouse and Distribution Center Management	16 weeks	48 hours	\$256			Limited capacity: 3-5 seats per session

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
ACC-CE	Logistics	Safety and Accident Prevention	Info not available	Info not available	Info not available	Certified Logistics Associate (CLA)	Manufacturing Skill Standards Council (MSSC)	
ACC-CE	Logistics	Basics of Inventory Management	Info not available	Info not available	Info not available	Certified Logistics Technician (CLT)	Manufacturing Skill Standards Council (MSSC)	
ACC-Credit	Logistics	Logistics and Supply Chain Management	n/a	60 hours	\$5,100	Associate of Applied Science Degree		
ACC-Credit	Logistics	Logistics and Supply Chain Specialist Level 1	n/a	18 hours	\$1,530	Certificate 1		
Texas State University-CE	Logistics	Freight Broker/Agent Training	6 months	180 hours	\$1,895			Online
TSTC-Credit	Maintenance	Facilities Maintenance & Management	n/a	60 hours	\$10,500	Associate of Applied Science Degree		Waco
TSTC-Credit	Maintenance	Industrial Maintenance-Mechanical Specialization	n/a	60 hours	\$10,500	Associate of Applied Science Degree		Hutto/Waco
TSTC-Credit	Maintenance	Industrial Maintenance Mechanic	n/a	36 hours	\$6,300	Certificate 1		Hutto/Waco
TSTC-WF	Maintenance	Air/Water Balance	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Maintenance	Bearings	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
TSTC-WF	Maintenance	Bearings and Lubrication, Intro	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Maintenance	Bench Work and Layout	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Maintenance	DC Cranes and Controls	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Maintenance	Diesel Equipment	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Maintenance	Facility Maintenance Technician	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Maintenance	Fail Protection Awareness	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Maintenance	General Plant Safety	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Maintenance	Operator Maintenance Training	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Maintenance	Troubleshooting & Motor Controls	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Maintenance	Fasteners	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
Texas State University-CE	Maintenance	Maintenance Technician	18 months	250 hours	\$1,695			Online
ACC-Credit	Mfg. Technology	Manufacturing Technology - Medical Device	n/a	60 hours	\$5,100	Associate of Applied Science Degree		
ACC-Credit	Mfg. Technology	Manufacturing Technology - Medical Device Level 1	n/a	22 hours	\$1,870	Certificate 1		

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
ACC-Credit	Mfg. Technology	Power Technology Specialization	n/a	60 hours	\$5,100	Associate of Applied Science Degree		
ACC-Credit	Mfg. Technology	Power Technology Specialization Level 1	n/a	36 hours	\$3,060	Certificate 1		
ACC-Credit	Mfg. Technology	Renewable Energy Specialization	n/a	60-61 hours	\$5,100 - \$5,185	Associate of Applied Science Degree		
ACC-Credit	Mfg. Technology	Renewable Energy Specialization Level 1	n/a	34 hours	\$2,890	Certificate 1		
TSTC-Credit	Mfg. Technology	Instrumentation Technology	n/a	60 hours	\$12,345	Associate of Applied Science Degree		Waco
TSTC-Credit	Mfg. Technology	Laser Electro Optics	n/a	60 hours	\$10,500	Associate of Applied Science Degree		Waco
TSTC-Credit	Mfg. Technology	Precision Machining Technology	n/a	60 hours	\$10,500	Associate of Applied Science Degree		Hutto/Waco
TSTC-Credit	Mfg. Technology	Precision Machining	n/a	39 hours	\$6,825	Certificate 1		Hutto/Waco
TSTC-Credit	Mfg. Technology	Robotics Technology	n/a	60 hours	\$10,500	Associate of Applied Science Degree		Waco
TSTC-Credit	Mfg. Technology	Solar Energy Technology	n/a	60 hours	\$11,556	Associate of Applied Science Degree		Waco
TSTC-WF	Mfg. Technology	Flow Meters	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
TSTC-WF	Mfg. Technology	Grinders, Tool and Cutter	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Hydraulics & Pneumatics	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Laser Eletro-Optics	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Lubrication	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Machine Shop	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Machine Shop I, Basic	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Machine Shop II, Basic	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Machine Shop Math	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Marketing	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Measurement and Tools	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Mechanical Drives	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Milling Operations, Advanced	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Milling Operations, Intermediate	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
TSTC-WF	Mfg. Technology	Motor Controls, Advanced	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Motor Controls, Basic	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Programmable Controllers, Basic	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Rigging and Conveying Systems	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Robotics Systems	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Mfg. Technology	Shaft & Coupling Alignment Components	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
Texas State University-CE	Mfg. Technology	Biofuel Production Operations	12 months	400 hours	\$2,595			Online
Texas State University-CE	Mfg. Technology	Chemical Plant Operations	12 months	400 hours	\$2,595			Online
Texas State University-CE	Mfg. Technology	Composites Technician	12 months	100 hours	\$1,995			Online
Texas State University-CE	Mfg. Technology	Die Setter	12 months	100 hours	\$1,695			Online

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
Texas State University-CE	Mfg. Technology	Manual Machinist	12 months	205 hours	\$1,695			Online
Texas State University-CE	Mfg. Technology	CNC Machinist	12 months	195 hours	\$1,995			Online
Texas State University-CE	Mfg. Technology	Composites Technician	12 months	100 hours	\$1,995			Online
Texas State University-CE	Mfg. Technology	Natural Gas Plant Operations	12 months	400 hours	\$2,595			Online
Texas State University-CE	Mfg. Technology	Oil Refinery Operations	12 months	400 hours	\$2,595			Online
Texas State University-CE	Mfg. Technology	Power Plant Operations	12 months	400 hours	\$2,595			Online
Texas State University-CE	Mfg. Technology	Press Operator: Cold Stamping	12 months	100 hours	\$1,495			Online
Texas State University-CE	Mfg. Technology	Press Operator: Hot Stamping	12 months	100 hours	\$1,495			Online
Texas State University-CE	Mfg. Technology	Process Technician	12 months	165 hours	\$1,995			Online

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
Texas State University-CE	Mfg. Technology	Robotics Technician	12 months	155 hours	\$1,695			Online
Texas State University-CE	Mfg. Technology	Tool and Die Maker	12 months	160 hours	\$1,695			Online
Texas State University-CE	Mfg. Technology	Toolmaker	12 months	160 hours	\$1,695			Online
ACC-CE	Quality	Introduction to Managing Projects	1 week	12 hours	\$300			100 seats in fall and 120 seats in spring
ACC-CE	Quality	Applied Project Management - Intermediate	8 weeks	48 hours	\$999			72 seats in fall and 100 seats in spring
ACC-CE	Quality	PMP/CAPM Exam Prep	4 weeks	40 hours	\$1,100	Project Management Professional (PMP) and Certified Associate in Project Management (CAPM)	Project Management Institute (PMI)	20 seats in fall and 40 seats in spring
ACC-CE	Quality	Introduction to Principles of Agile	2 weeks	8 hours	\$250			60 seats in fall and spring

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
ACC-CE	Quality	PMI-ACP Agile Exam Prep	1 week	21 hours	\$1,000	Agile Certified Practitioner	Project Management Institute (PMI)	0 seats in fall and 40 in spring
ACC-CE	Quality	Certified Six Sigma Green Belt	12 weeks	online	\$354	Certified Six Sigma Green Belt	American Society for Quality (ASQ)	20 seats in fall and spring
ACC-CE	Quality	Certified Six Sigma Black Belt	9 weeks	online	\$431	Certified Six Sigma Black Belt	American Society for Quality (ASQ)	20 seats in fall and spring
ACC-CE	Quality	Certified Quality Engineer	10 weeks	60 hours	\$431	Certified Quality Engineer	American Society for Quality (ASQ)	20 seats in fall and spring
ACC-CE	Quality	Certified Quality Auditor	12 weeks	48 hours	\$354	Certified Quality Auditor	American Society for Quality (ASQ)	20 seats in fall and spring
ACC-CE	Quality	Certified Software Quality Engineer	Info not available	Info not available	Info not available	Certified Software Quality Engineer	American Society for Quality (ASQ)	Info not available
ACC-CE	Quality	Manager of Quality/Organizational	8 weeks	48 hours	\$354	Certified Manager of Quality / Organizational Excellence (CMQ/OE)	American Society for Quality (ASQ)	20 seats in fall and spring
TMAC	Quality	Lean Manufacturing	varies	varies	\$30-\$50 per hour			Schedule based on demand and need. Students are typically sponsored by employers.

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
TMAC	Quality	Quality Management Systems	Varies	Varies	\$30-\$50 per hour			Schedule based on demand and need. Students are typically sponsored by employers.
TSTC-Credit	Quality	Energy Efficiency Specialist	n/a	24 hours	\$4,728	Certificate 1		Waco
TSTC-Credit	Quality	Occupational Safety Compliance Technology	n/a	60 hours	\$10,500	Associate of Applied Science Degree		Waco
TSTC-WF	Quality	Shop Safety & Tools, Intro	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Quality	Mechanical Crane Inspection	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
Texas State University-CE	Quality	Quality Inspector	12 months	100 hours	\$1,995			Online
ACC-CE	Sales	Principles of Marketing	1 week	6 hours	\$76			10 seats in fall and spring
ACC-CE	Sales	Customer Relationships: Prospecting, Networking, and Sales	1 week	3 hours	\$41			10 seats in fall and spring
ACC-CE	Sales	Salesforce Fundamentals for Business Administration	4 weeks	24 hours	\$400			16 seats in spring and fall

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
ACC-CE	Sales	Salesforce Admin Essentials for New Admins	7 weeks	42 hours	\$1,001			16 seats in spring and fall
TSTC-WF	Sales	Principles of Quality	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
ACC-Credit	Semiconductor	Nanoelectronics Manufacturing Technology Level 1	n/a	15 hours	\$1,275	Certificate 1		
ACC-Credit	Semiconductor	Nanoelectronics Manufacturing Technology Specialization	n/a	60-62 hours	\$5,100 - \$5,270	Associate of Applied Science Degree		
ACC-CE	Software	Software Development Bootcamp - Trial Classes	1 week	6 hours	\$80			16 seats in spring and fall
ACC-CE	Software	Software Developer Bootcamp	24 weeks	240 hours	\$7,201			16 seats in spring and fall
ACC-Credit	Software	Software Testing Specialization	n/a	60-63 hours	\$5,100 - \$5,355	Associate of Applied Science Degree		
ACC-Credit	Software	Software Testing Level 1	n/a	24 hours	\$2,040	Certificate 1		

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
ACC-CE	Welding	Introduction to Welding	2 weeks	8 hours	\$121			40 seats in fall (note 2 classes totaling 19 seats have sold out)
ACC-CE	Welding	Intermediate Arc Welding	7 weeks	48 hours	\$547			23 seats in fall
ACC-Credit	Welding	Welding Inspection Level 1	n/a	16 hours	\$1,360	Certificate 1		
ACC-Credit	Welding	Welding Inspection Specialization	n/a	60-63 hours	\$5,100 - \$5,355	Associate of Applied Science Degree		
ACC-Credit	Welding	Welding, Code	n/a	60 hours	\$5,100	Associate of Applied Science Degree		
ACC-Credit	Welding	Welding, Pipe Level 1	n/a	17 hours	\$1,445	Certificate 1		
ACC-Credit	Welding	Welding, Structural Level 1	n/a	24 hours	\$2,040	Certificate 1		
ACC-Credit	Welding	Welding, Ultrahigh Purity Piping Level 1	n/a	16 hours	\$1,360	Certificate 1		
AUSTIN ISD	Welding	Agricultural Mechanics and Metal Technologies	n/a	n/a	n/a			Credit for Intro to Shielded Metal Arc Welding @ ACC
DEL VALLE ISD	Welding	Welding I	n/a	n/a	n/a			Credit for Intro to Shielded Metal Arc Welding @ ACC
ELGIN ISD	Welding	Practicum in Agriculture, Food, and Natural Resources	n/a	n/a	n/a			Credit for Intro to Shielded Metal Arc Welding @ ACC

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
GEORGETOWN ISD	Welding	Agricultural Mechanics and Metal Technologies	n/a	n/a	n/a			Credit for Intro to Shielded Metal Arc Welding @ ACC
HAYS ISD	Welding	Introduction to Welding	n/a	n/a	n/a			Credit for Intro to Shielded Metal Arc Welding @ ACC
LAKE TRAVIS ISD	Welding	Agricultural Structure Design and Fabrication	n/a	n/a	n/a			Credit for Intro to Shielded Metal Arc Welding @ ACC
LEANDER ISD	Welding	Agricultural Structure Design and Fabrication	n/a	n/a	n/a			Credit for Intro to Shielded Metal Arc Welding @ ACC
LIBERTY HILL ISD	Welding	Agricultural Mechanics and Metal Technologies	n/a	n/a	n/a			Credit for Intro to Shielded Metal Arc Welding @ ACC
MANOR ISD	Welding	Agricultural Structure Design and Fabrication	n/a	n/a	n/a			Credit for Intro to Shielded Metal Arc Welding @ ACC
TSTC-CE	Welding	FAST Trac- Welding, Intermediate	7 weeks	140 hours	\$4,200			FAST Trac
TSTC-Credit	Welding	Welding Technology	n/a	60 hours	\$12,345	Associate of Applied Science Degree		Hutto/Waco
TSTC-Credit	Welding	Welding, Structural	n/a	38 hours	\$8,085	Certificate 1		Hutto/Waco
TSTC-Credit	Welding	Welding, Structural and Pipe	n/a	50 hours	\$10,677	Certificate 2		Hutto/Waco
TSTC-WF	Welding	Welding	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers

**ASSET MAP OF MANUFACTURING EDUCATION AND TRAINING PROGRAMS
SORTED BY AREA OF STUDY**

APPENDIX

Organization¹	Area of Study	Course/Program Name	Length	# Clock/ Credit Hours²	Cost	Related Certifications³	Certifying Body	Notes
TSTC-WF	Welding	Welding, Certified	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Welding	Welding, Intermediate SMAW	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Welding	Welding, Intro Shielded Arc	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Welding	Welding, Intro to Fundamentals	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Welding	Welding, Intro to Pipe	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Welding	Welding, Pipe	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Welding	Welding, Special Topics	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Welding	Welding, Structural	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
TSTC-WF	Welding	Welding, Structural	Info not available	Info not available	Info not available	Info not available	Info not available	Workforce program for employers
Texas State University-CE	Welding	Welder Technician	12 months	125 hours	\$1,995			Online