

**ETEC Program  
Los Medanos College  
Checklist to Graduate with a Certificate**

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**Name of Student:** \_\_\_\_\_  
**Program begun in Semester/Year:** \_\_\_\_\_  
**Anticipated completion in Semester/Year:** \_\_\_\_\_

*The following check list is for students graduating with a Certificate of Achievement.  
Please consult an LMC Counselor to determine additional requirements to Graduate with a Degree.*

Course #	Course Name	Units	Required or Optional or Specialization	Status: ✓ if completed
ETEC 004	Introduction to Electrical Technology-am	3	Optional	
ETEC 006	Introduction to Electrical Technology-pm	3	Optional	
ETEC 10	Direct Current Circuits	4	Required	
ETEC 12	Alternating Current Circuits	4	Required	
ETEC 20	Electric Motor Control	3	Required	
ETEC 22	Semiconductor Devices	2	Required	
ETEC 24	Digital Devices	2	Required	
ETEC 30	Programmable Logic Controllers	4	Required	
ETEC 32	Instrumentation Process Measurement	3	Required	
ETEC 34	Instrument Calibration	1	Required	
MATH 25	Elementary Algebra	5	Required	
PHYS 15	Introduction to Physics	4	Required	
ETEC 40	National Electrical Code	3	Required for Electrical Specialization	
ETEC 42	Wiring Methods and Code Application	1	Required for Electrical Specialization	
ETEC 44	Power Distribution & Transformers	3	Required for Electrical Specialization	
ETEC 46	AC & DC Motors and Generators	3	Required for Electrical Specialization	
ETEC 50	Instrumentation Process Control	3	Required for Instrumentation Specialization	
ETEC 52	Applied Process Control	1	Required for Instrumentation Specialization	
ETEC 56	Code for Instrument Application	1	Required for Instrumentation Specialization	
ETEC 58	Analytical Instrumentation	2	Required for Instrumentation Specialization	
ETEC 59	System Integration & Troubleshooting	2	Required for Instrumentation Specialization	
CHEM 6	Introduction to Inorganic and Physical Chemistry	4	Required for Instrumentation Specialization	
ENGL 90 or higher	Integrated Reading, Writing and Critical Thinking	5	Reading and Writing Competency Requirement	
Computer Literary	Com Sc 40, 49, 60 or 83 OR Bus 18, 35, 65, 66, 67 or 68	1.5 -4	Computer Literacy Competency Requirement	

**Counselor/Program Advisor signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Student signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Once the student completes all these requirements, s/he should complete a graduation petition at the Admissions Office.**