



APPLIED TECHNOLOGIES

Albuquerque Technical Vocational Institute
Graduation Evaluation Checklist
2006 - 2007 Catalog

ELECTRONICS TECHNOLOGY - GENERAL CONCENTRATION

CERTIFICATE AND DEGREE REQUIREMENTS

Table with 3 columns: Course ID, Credit Hours, and Course Description. Includes courses like ELEC 103A, ELEC 103B, ELEC 104, ELEC 105A, ELEC 105B, ELEC 275L, ENG 101 or ENG 102.

TOTAL FOR CERTIFICATE 24

ADDITIONAL ASSOCIATE DEGREE REQUIREMENTS

Table with 3 columns: Course ID, Credit Hours, and Course Description. Includes courses like CHEM 121/121L or PHYS 151/151L, ELEC 114L, ELEC 118L, ELEC 203L, ELEC 205L, ENG 119 or ENG 219, MATH 119 or higher, HUM/SOC, and PC 201.

Additional 12 Credits from Concentration Electives or Technical Elective (See list below)

___ ELEC 217	(3 credit hours)	Upgrading and Repairing PCs
___ ELEC 221	(3 credit hours)	Advanced Upgrading and Repairing PCs
___ ELEC 223	(6 credit hours)	RF/Consumer Electronics (ELEC 216/98)
___ MEMS 220	(5 credit hours)	MEMS Manufacturing Process
___ PHOT 101L	(4 credit hours)	Introduction to Photonics & Photonics Safety (ELEC 111L)
___ PHOT 201L	(6 credit hours)	Optics (LEOT 206/98-01)
___ PHOT 207L	(4 credit hours)	Introduction to Laser Systems (LEOT 205L/98-01)
___ PHOT 217L	(6 credit hours)	Advanced Laser Systems with Applications (LEOT 217L/98-01)
___ PC 212L	(2 credit hours)	Vacuum Systems II

TECHNICAL ELECTIVES

___ ELEC 296	(2-8 credit hours)	Topics
___ ELEC 297	(2-8 credit hours)	Special Problems
___ ELEC 298	(3 credit hours)	Internship
___ ELEC 299	(3 credit hours)	Cooperative Education
___ ELTR 214L	(3 credit hours)	PLC Systems Operation and Troubleshooting
___ MATT 102	(2 credit hours)	Metals Blueprint Reading I
___ MATT 105L	(2 credit hours)	Basic Supporting Machine Tool Principles
___ MATT 113	(2 credit hours)	Metals Blueprint Reading II
___ MEMS 101	(3 credit hours)	Introduction to MEMS (PC210)
___ EET 107L	(3 credit hours)	Graphics & Analytical Methods
___ EET 109L	(5 credit hours)	Circuit Analysis I
___ EET 113L	(3 credit hours)	Structured Computer Programming
___ EET 117L	(3 credit hours)	Digital Electronics I
___ EET 119L	(5 credit hours)	Circuit Analysis
___ EET 207L	(3 credit hours)	Digital Electronics II
___ EET 208L	(4 credit hours)	Microprocessors
___ EET 209L	(5 credit hours)	Electronic Devices
___ EET 218L	(3 credit hours)	Microprocessor Interfacing
___ EET 219L	(5 credit hours)	Electronic Systems
___ CSE 101 or higher	(1 credit hour)	

TOTAL CREDITS FOR DEGREE 73-75

**CHECK CATALOG FOR SPECIFIC PREREQUISITES, CREDITS,
OPTIONAL COURSES AND CREDIT HOUR REQUIREMENTS**

STUDENT'S FULL LEGAL NAME (PRINT)

STUDENT I.D. NUMBER

DEPARTMENT APPROVAL SIGNATURE

DATE

8/25/06

568/29/06

ACADEMIC ADVISOR/COUSELOR SIGNATURE

DATE