



TECHNOLOGIES DEPARTMENT

Albuquerque Technical Vocational Institute Graduation Evaluation Checklist 2004- 2005 Catalog

GEOGRAPHIC INFORMATION TECHNOLOGY

CERTIFICATE AND DEGREE REQUIREMENTS

____ ARDR 180	(3 credit hours)	Fundamentals of Computer-Assisted Drafting
<i>or</i> ____ EDT 103	(3 credit hours)	Introduction to CAD
____ CP 213	(3 credit hours)	Database Management (MS Access)
____ GEOG 101	(3 credit hours)	Physical Geography
____ GIS 105	(5 credit hours)	Survey of Geographic Information Systems
____ GIS 110	(2 credit hours)	Introduction to Geographic Information Systems Theory (GIS101)
____ GIS 110L	(1 credit hours)	Introduction to Geographic Information Systems Lab (GIS101L)
____ CP 220	(3 credit hours)	Advanced Database Concepts
<i>or</i> ____ CP 221	(3 credit hours)	Oracle: SQL and PL/SQL I
____ GEOG 102	(3 credit hours)	Human Geography
____ GEOG 275	(3 credit hours)	Cartography
____ COMM 232	(3 credit hours)	Business and Professional Communication Studies
____ MATH 120	(4 credit hours)	Intermediate Algebra

TOTAL FOR CERTIFICATE 33

ADDITIONAL ASSOCIATE DEGREE REQUIREMENTS

____ ENG 101	(3 credit hours)	College Writing (ENG 102 is acceptable substitute)
____ GIS 202	(3 credit hours)	Geographic Information Systems Software Applications I
____ MATH 121	(3 credit hours)	College Algebra
____ PHIL 156	(3 credit hours)	Logic and Critical Thinking
____ ARDR 181	(3 credit hours)	Intermediate Computer Assisted Drafting

____ CP 284	(3 credit hours)	Visual Basic I
<i>or</i> ____ CP 278A	(3 credit hours)	C++ Programming I
____ GIS 203	(3 credit hours)	Geographic Information Systems Software Applications II
____ MATH 123	(3 credit hours)	Trigonometry
____ CM 261L	(3 credit hours)	Construction Surveying
____ CP 261L	(3 credit hours)	Image Processing
____ GIS 207	(3 credit hours)	Remote Sensing
____ GIS 220L	(3 credit hours)	Introduction to 3D Computer Visualization Techniques

TOTAL FOR ASSOCIATE DEGREE69

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

STUDENT'S FULL LEGAL NAME (PRINT)

STUDENT I. D. NUMBER

[Handwritten Signature]

DEPARTMENT APPROVAL SIGNATURE

9/19/06 *SLC 9/20/06*

DATE

ACADEMIC ADVISOR/COUNSELOR SIGNATURE

DATE