

26-27 Cert. Aeronautical Non-Destructive Inspection (ANDI)



ABOUT THIS MAJOR

This program is designed to introduce students to the principles of nondestructive inspection (NDI) and nondestructive testing (NDT). Non-destructive testing (NDT) is a testing and analysis technique used by the aerospace industry to evaluate the properties of a material, component, and structure for characteristic differences without causing damage to the aircraft structures. Inspection methods covered in this course are Eddy Current and Ultrasonic inspection. Classroom lecture and hands-on practice with NDI testing equipment, processes, and procedures. Students who successfully complete the certificate requirements may apply for entry-level positions in aerospace nondestructive inspection, nondestructive testing, quality inspection, and aircraft or aerospace manufacturing inspection support. For more information on Aeronautical & Aviation Technology, visit the [Aerospace, Industrial Arts and Applied Technologies \(CTE\)](#) division.

TO EARN A DEGREE A STUDENT MUST COMPLETE THE FOLLOWING:

- [1] Completion of Major & Program Electives Courses
- [2] Minimum grade point average of 2.0
- [3] A C or better in all courses required for the major

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[Total Units Required for the Major: 11]

Required Courses (11 units)	
ANDI110 - Non Destructive Inspection: Visual Inspection, Liquid Penetrant, and Magnetic Particle	4
ANDI115 - Non Destructive Inspection: Eddy Current <i>Prerequisite: Completion of or concurrent enrollment in ANDI 110</i>	3.5
ANDI120 - Non Destructive Inspection: Ultrasound Inspection <i>Prerequisite: Completion of or concurrent enrollment in ANDI 110.</i>	3.5

RECOMMENDED PATHWAY

Cert. Aeronautical Non-Destructive Inspection

The Recommended Plan of Study is determined by the discipline faculty. Take classes in Summer or Intersession if needed to complete your degree in a timely manner!

Fall/Spring: Max 19 units | Summer: Max 9 units | Intersession: Max 6 units

SEMESTER 1	
Course	Units
ANDI 110	4
ANDI 115	3.5
Total Units	7.5

SEMESTER 2	
Course	Units
ANDI 120	3.5
Total Units	3.5
Total degree units	11

COUNSELING NOTE SECTION

Prerequisite: If a course is listed as a prerequisite for another course, that prerequisite course must be completed with a satisfactory grade to enroll in the next course. A satisfactory grade is a grade of "A," "B," "C" or "P". Students who enroll in classes for which they do not meet the prerequisites will be involuntarily dropped. Students will be notified of this involuntary drop. Title 5, Section 55200(d)

Application for Graduation:

Antelope Valley College awards degrees three times annually following the Fall, Spring, and summer semesters. Students must apply for graduation to earn their degree or certificate. Applications are due by September 6 for spring/summer graduates and by February 14 for fall graduates.

AVC 26-27 CATALOG: [ACADEMIC POLICIES](#)

INFORMATION and RESOURCES

Tutoring Assistance
Transfer Center
Basic Needs

Career Center
Office of Students with Disabilities
Financial Aid

AVC Student Health Services
Palmdale Center
Counseling Division