

# Cert. Aeronautical Non-Destructive Inspection 25-26

(DRAFT)



## 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. For more information, visit the [Career and Technical Education](#) division.

### TO EARN A Certificate A STUDENT MUST COMPLETE THE FOLLOWING:

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

### Certificate- Aeronautical Non-Destructive Inspection

[Total Units Required for the Major 11]

Require Course: Complete all the following: (11 UNITS)	
ANDI110 - Non-Destructive Inspection: Visual Inspection, Liquid Penetrant, and Magnetic Particle	4
ANDI115 - Non-Destructive Inspection: Eddy Current	3.5
ANDI120 - Non-Destructive Inspection: Ultrasound Inspection	3.5

## RECOMMENDED PATHWAY

### Aeronautical Non-Destructive Inspection Certificate

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

☒ Major

### SEMESTER 1

Course Advisement	Units
<input checked="" type="checkbox"/> ANDI 110	4
<input checked="" type="checkbox"/> ANDI 115	3.5
<b>Total Semester Units</b>	<b>7.5</b>

### SEMESTER 2

Course Advisement	Units
<input checked="" type="checkbox"/> ANDI 120	3.5
<b>Total Semester Units</b>	<b>3.5</b>

<b>TOTAL UNITS</b>	<b>11</b>
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### 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 25-26 CATALOG: [ACADEMIC POLICIES](#)

#### INFORMATION and RESOURCES

<a href="#">Tutoring Assistance</a>	<a href="#">Career Center</a>	<a href="#">AVC Student Health Services</a>
<a href="#">Transfer Center</a>	<a href="#">Office of Students with Disabilities</a>	<a href="#">Palmdale Center</a>
<a href="#">Basic Needs</a>	<a href="#">Financial Aid</a>	<a href="#">Counseling Division</a>