

Certificate: Aeronautical Non-Destructive Inspection 24-25



ABOUT THIS CERTIFICATE

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

Residency: Minimum of 12 units completed at AVC with a minimum of 9 of those units completed from the certificate/major. (credit earned by examination will not be included in these 12 units) Title 5, Section 54000: <http://ccr.oal.ca.gov>.

RECOMMENDED PATHWAY Certificate- 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, 12-15 units Recommended.
- This is a certificate only program, currently no associated degree offered.

TERM 1	
Course	Units
ANDI110	4
ANDI 115	3.5
Total Units	7.5

TERM 2	
Course	Units
ANDI 120	3.5
Total Units	3.5

Certificate- Aeronautical Non-Destructive Inspection [Total Units 11]

Required Courses (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

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)

AVC 24-25 CATALOG: [ACADEMIC POLICIES](#)

INFORMATION and RESOURCES

Tutoring Assistance	Career Center	AVC Student Health Services
Transfer Center	Office of Students with Disabilities	Palmdale Center
Basic Needs	Financial Aid	Counseling Division