

Refugio Rios
Assistant Principal
North Valley Occupational
Center



Los Angeles Unified School District

DIVISION OF ADULT AND CAREER
EDUCATION

North Valley Occupational Center

Accredited by Western Association of
Schools and Colleges

FAA





North Valley Occupational
Center
11450 Sharp Ave
Mission Hills, CA 91345



East Valley Skills
Center
8601 Arleta Ave
Sun Valley, CA 91352

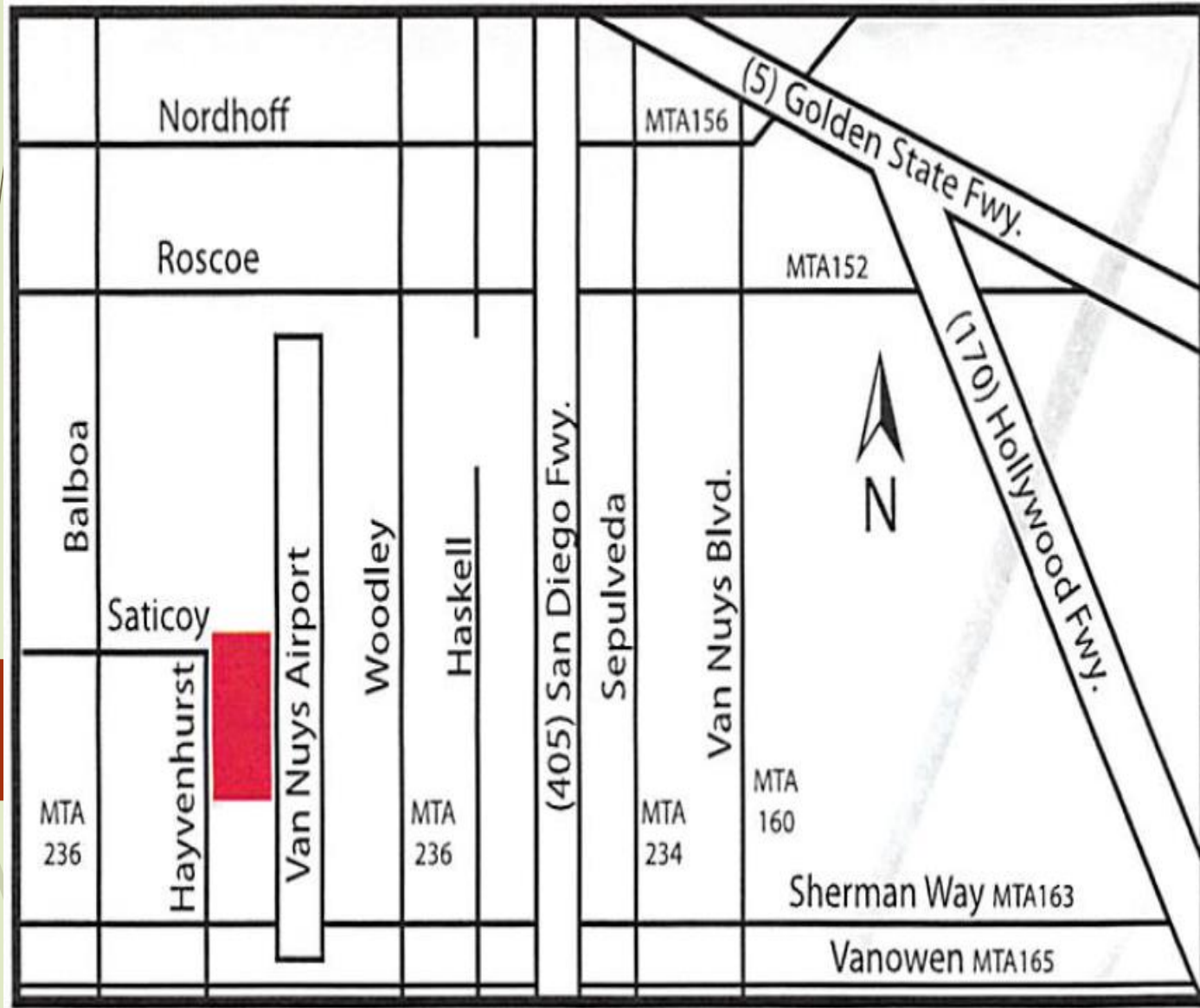


Rinaldi Adult Center
17450 Rinaldi St
Granada Hills, CA 91344



Aviation Center
16550 Saticoy St.
Van Nuys, CA,
91406





- Started in 1970
- At current location 1972



Aviation Mechanic Program

Day Program – 2 yrs

M-F 8:00 am – 3:00 pm

- ▶ General
- ▶ Airframe
- ▶ PowerPlant

Evening Program 3-4 yrs

M-Th 5:15 pm – 9:30 pm

- ▶ General
- ▶ Airframe
- ▶ PowerPlant

Aviation Mechanic Program

General Subjects	Airframe	PowerPlant
Subjects	Subjects	Subjects
Basic Math Basic Physics Basic Electricity Aircraft Drawing Weight and Balance Fluid Lines and Fittings Materials and Process Ground Operations & Servicing Cleaning & Corrosion Control Maintenance Forms/Records Mechanical Privileges & Limitations Orientation Employability Skills	Aircraft Structures Assembly and rigging Aircraft Fabric Covering Aircraft Paint and Finishes Aircraft Welding Ice and Rain Protection Hydraulic & Pneumatic Power Systems Landing Gear Systems Fire Protection Systems Aircraft Electrical Systems Aircraft Instruments Systems Communication & Navigation Systems Cabin Atmosphere Control Systems Fuel Systems Position & Warning Systems Wood Structures Airframe Inspection Orientation and Safety Employability Skills	Theory & Construction of Aircraft Reciprocating Engines Engine Induction Systems Engine Fuel Systems Engine Fuel Metering Systems Engine Ignition Systems Engine Electrical Systems Engine Lubrication Systems Propellers Engine Removal and Replacement Engine Fire Protection System Engine Inspection Engine Starting Systems Engine Maintenance & Operation Engine Cooling Systems Engine Exhaust Systems Theory and Construction of Aircraft Turbine Engines Engine Exhaust Systems Engine Instrument System Orientation Employability Skills
-----Airframe License----- -----		Airframe & Powerplant License



Instructors

Teaching Credential

FAA License

Extensive experience



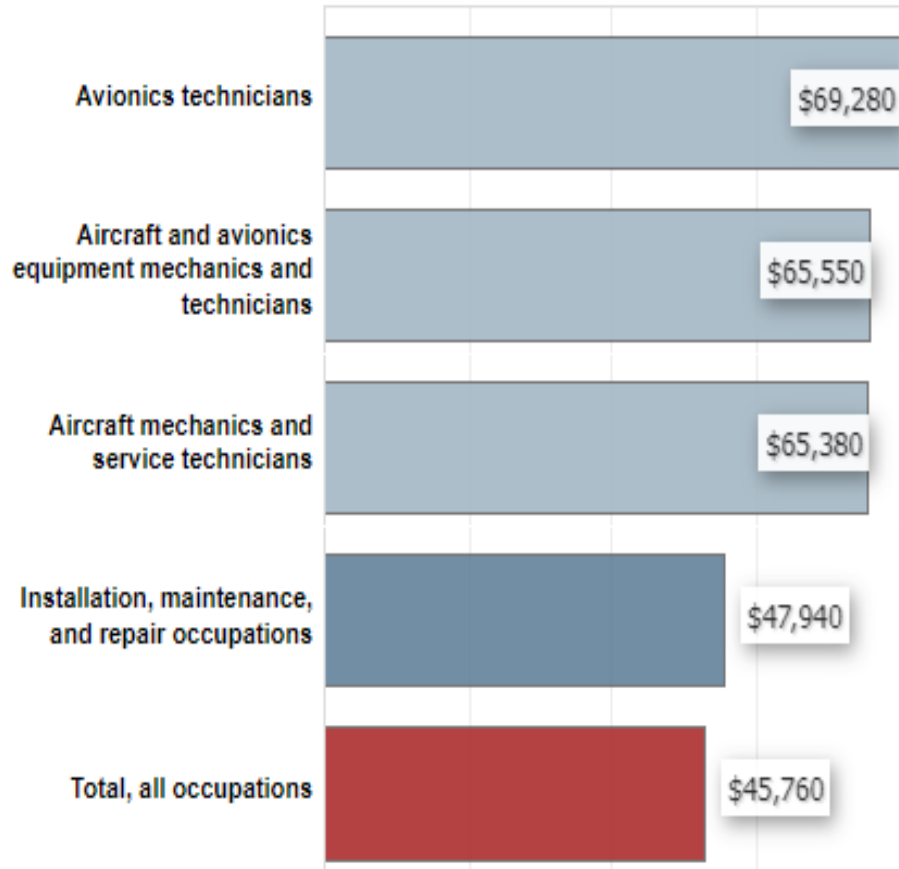


Student Enrollment and Completers

Year	Enrolled	Completers
2021-2022	142	21
2020-2021	119	4
2021-2020	175	11
2018-2019	214	36

Aircraft and Avionics Equipment Mechanics and Technicians

Median annual wages, May 2021



Note: All Occupations includes all occupations in the U.S. Economy.

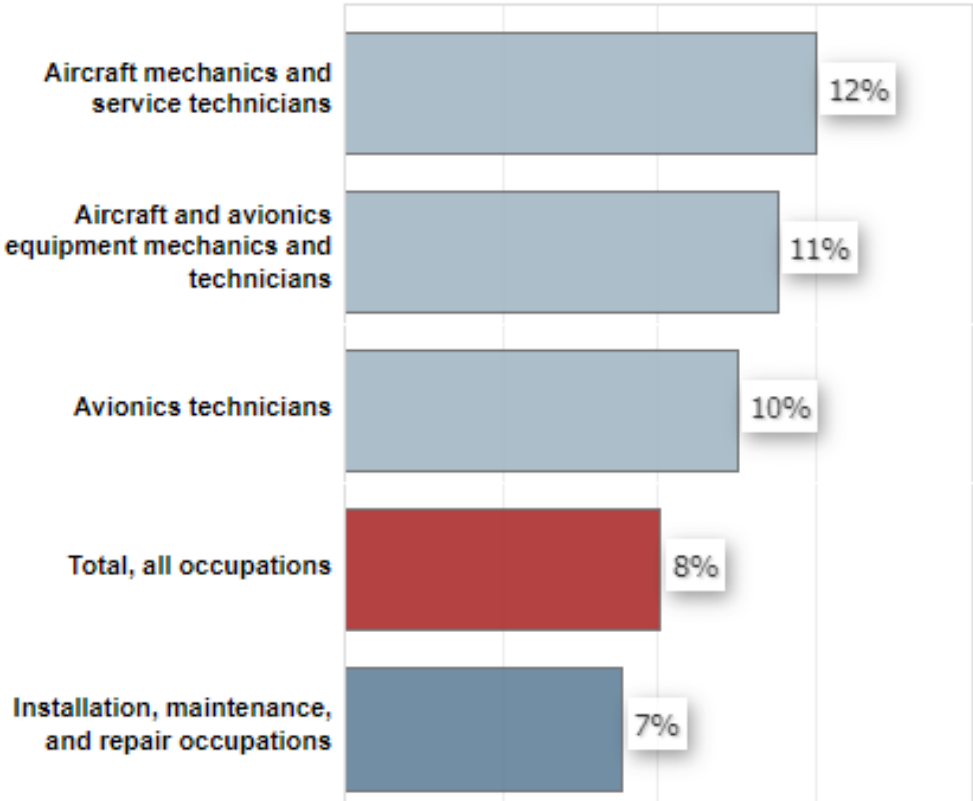
Source: U.S. Bureau of Labor Statistics, Occupational Employment and Wage Statistics

Aviation Mechanics Starting Wages

Aviation Mechanic Job Outlook

Aircraft and Avionics Equipment Mechanics and Technicians

Percent change in employment, projected 2020-30



Note: All Occupations includes all occupations in the U.S. Economy.
Source: U.S. Bureau of Labor Statistics, Employment Projections program



Challenges



- No hands on instruction during COVID Stay-at-Home
- No program completers during COVID Stay-at-Home
- No new enrollments during COVID Stay-at-Home
- Changing instruction from in-class to online
- Teacher turn around
- Recruiting new Aviation Mechanic Teachers
- Technology advancing



Current Plan

- **Aligning coursework with LAUSD calendar**
 - **Developing a system for recordkeeping**
 - **Recruiting Aviation Instructors**
 - **Expanding Aviation courses to other DACE schools**
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