



**“Skills for Today, Careers for a Lifetime”**

The Valley Academy for Career and Technology Education is a public school district that works in partnership with Yavapai College and the high schools, charter schools, and home schools throughout the Verde Valley and Sedona to provide courses earning both high school and college credits as well as industry recognized certifications.



# Mission:

**“Provide an engaging learning environment resulting in the development of hireable and productive individuals in a competitive workforce.”**





# VACTE Programs 2021-2022

# Certified Nursing Assistant (CNA)

## (Highly Recommended to take with Phlebotomy)

- ◆ One Semester Program
- ◆ Juniors & Seniors Only
- ◆ Morning and Afternoon Classes
- ◆ 5 college credits and 1 or more high school credits
- ◆ CPR/AED/First Aid Certification & OSHA 10 Healthcare Certification
- ◆ Arizona Board of Nursing CNA License and Yavapai College Certified Nursing Assistant Certificate
- ◆ Class held at Verde Valley Medical Center - Cottonwood



### CNA Licensure Leads To:

- Qualified Medication Aide
- Home Health Aide
- Certified Medical Assistant
- Medical Billing Technician
- Licensed Practical Nurse
- Emergency Medical Technician
- Physical Therapy Assistant
- Registered Nurse



# Phlebotomy

(Highly Recommended to take with CNA)

- ◆ One Semester Program
- ◆ Juniors and Seniors
- ◆ Morning & Afternoon Classes
- ◆ 8 college credits and 1 or more high school credits
- ◆ CPR/AED/First Aid Cert.; Work toward YC Phlebotomy Certification; PSY 101 Credit opportunity
- ◆ Class held at Yavapai College Clarkdale Campus



## Phlebotomy Certification Leads to:

- Medical Lab Technician
- Patient Care Technician
- Dialysis Technician
- Intravenous Technician
- Medical Assistant

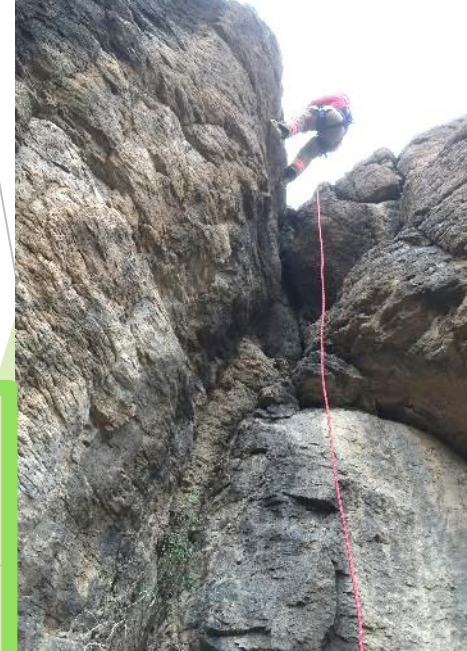
# Emergency Medical Services

- ◆ One-Year Program
- ◆ Seniors Only
- ◆ Morning Class
- ◆ Up to 16 college credits and 2 or more high school credits
- ◆ Leads to AAS in Emergency Medical Services from YC and State Emergency Medical Technician Industry Certification
- ◆ Class held at Yavapai College Fire Training Center - Cottonwood



# Fire Service

- ◆ One-Year Program
- ◆ Seniors Only
- ◆ Afternoon Class
- ◆ 18 college credits and 2 or more high school credits
- ◆ State Firefighter I and II Certification
- ◆ Hazardous Materials 1<sup>st</sup> Responder State Certification, FEMA Wildland Fire Cert.
- ◆ CPR/AED/First Aid Certification
- ◆ Class held at Verde Valley Fire Training Center - Cottonwood



- Firefighter
- EMT/Paramedic
- Arson Investigator
- Forestry Fire Specialist
- Emergency Management Director
- Fire Chief



# Construction Technology I & II

- ◆ One- or Two-Year Program
- ◆ Sophomores, Juniors, and Seniors
- ◆ Morning and Afternoon classes
- ◆ Up to 22 college credits and 4 or more high school credits in two years
- ◆ Industry Certifications in OSHA 10, Forklift, Aerial Lift, Scissor Lift, Terrain Forklift; Front End Loader, Skid Steer, CPR/AED/First Aid Cert.; NCCER Core and Level 1 Certification
- ◆ Yavapai College Basic Carpentry Certification & Progress toward Electrical & Plumbing Certification
- ◆ Class held at VACTE Central Campus, Cottonwood



## Construction Careers:

- Equipment Operator
- Framer
- Electrician
- Cost Estimator
- Wind Turbine Technician
- Plumber
- Building Inspector



# Heating Ventilation Air Conditioning (HVAC)

- ◆ One-Year Program (with possibility of continuation)
- ◆ Juniors and Seniors
- ◆ Afternoon Class
- ◆ 12 college credits & 2 or more high school credits per year
- ◆ Courses: (Two 8 week courses each semester)
  - HVA 100: Introduction to HVAC I - 3 credits (Fall)
  - ELT 111: DC Electrical Systems - 3 credits (Fall)
  - HVA 110: Introduction to HVAC II -3 credits (Spring)
  - ELT 112: AC Electrical Systems - 3 credits (Spring)
- ◆ Industry Certification in: YC HVAC Service Technician Certificate and 4 NCCER Industry Certifications in HVAC
- ◆ Class held at Yavapai College Clarkdale in the New Skilled Trade Center



# Manufacturing/CNC Operator

- ◆ One- or Two-Year Program
- ◆ Juniors and Seniors
- ◆ Morning Class
- ◆ Up to 21 college credits & 4 or more high school credits over 2 years
- ◆ Industry Certification in: HAAS CNC Operator, CNC Tool Setter, CSWA, ISCET ESA 1 –Exam and Progress toward YC Associates Degree in Adv. Manufacturing
- ◆ Class held at Yavapai College





# Pre-Engineering I & II

- ◆ One- or Two-Year Program
- ◆ Juniors and Seniors
- ◆ Morning Class
- ◆ Up to 24 college credits and 4 or more high school credits over 2 years
- ◆ Industry Certification in: HAAS CNC Operator, CNC Tool Setter, ISCET Digital Electronic, FANUC Programmer & Operator, CAM Solid Works and Progress towards YC Associates Degree in Applied Pre-Engineering
- ◆ Class held at Yavapai College Clarkdale





# Teacher Training I & II (Education Professions)

“Help prepare the next generation for a successful life.”

- ◆ One- or Two-Year Program
- ◆ Juniors and Seniors
- ◆ Morning class
- ◆ Up to 15 transferable college credits to a university and 4 or more high school credits over 2 years
- ◆ Paraprofessional Certification, CPR/AED/First Aid Certification and State Level 1 Finger-Print Clearance
- ◆ Students will observe, tutor and teach in a local school over 40% of the course.
- ◆ Class held at the VACTE Central Campus, Cottonwood & Local School Districts for Practicum



- **Elementary Teacher**
- **Secondary Teacher**
- **Higher Education Instructor**
- **School Counselor**
- **Curriculum Specialist**
- **Vice Principal**
- **Principal**
- **Superintendent**

# Law Enforcement with Dispatch

- ◆ One- or Two-Year Program
- ◆ Juniors and Seniors
- ◆ Morning and/or Afternoon classes
- ◆ 2 or more high school credits per year
- ◆ CPR/AED/First Aid Certification
- ◆ APCO-Public Safety Telecommunication Dispatch Certification
- ◆ AZ DPA Security Guard Certification
- ◆ Fundamentals of a Police Officer and Training for AZ and County Prison Guard
- ◆ Class held at the VACTE Central Campus, Cottonwood



- Police Officer
- Private Detective
- Probation Officer
- Security Guard
- Dispatcher
- Federal Agent
- State Trooper



# Culinary Arts I

- ◆ One -Year Program
- ◆ Juniors and Seniors
- ◆ Morning and Afternoon Classes
- ◆ 16 College credits & 2 or more high school credits
- ◆ Culinary Arts Fundamentals YC Certification
- ◆ SERV Safe Manager Certification
- ◆ Class held at Yavapai College Sedona Campus



- Restaurant Chef
- Executive Chef
- Sous Chef
- Personal Chef
- Caterer
- Baking and Pastry Chef
- Food Service or Restaurant Manager
- Food Truck Operator



# Culinary Arts II

## (Baking and Pastries)

- ◆ One-Year Program
- ◆ Juniors and Seniors – Prerequisite: Completion of Culinary Arts I
- ◆ Morning Class
- ◆ 16 college credits & 2 or more high school credits
  - CUL 110-Cake Decorating
  - CUL 111-Food Purchasing & Cost of Bakeshop
  - CUL 112-Plated Desserts
  - CUL 113-Pastry Centerpieces & Wedding Cakes
- ◆ Yavapai College Baking and Pastries Certificate
- ◆ Class held at Yavapai College Sedona Campus



# Plants & Horticulture

- ◆ One -Year Program
- ◆ Seniors
- ◆ Afternoon Class
- ◆ 15 college credits & 2 or more high school credits
- ◆ Leads to AAS in Agriculture Technology and will apply toward the Production Horticulture Certificate from Yavapai College
- ◆ Pesticide industry certification
- ◆ Courses: (Focused on Greenhouse and Plant Production)
  - ◆ AGS 103: Plant Biology- transfer course, 4 credits (Possible HS Science Credits)
  - ◆ AGS 250: Fall Horticulture production 4 credits
  - ◆ AGS 252: Spring Horticulture production, 4 credits
  - ◆ AGS 274: Water Management, 3 credits
- ◆ Class held at Yavapai College, Clarkdale

## Possible Careers in:

- Fruit or vegetable production
- Landscape Design
- Orchards
- Nurseries
- Greenhouse Management
- Garden Centers
- Golf and Sports Turf
- Pest Management





## Further Questions?

- ▶ Contact the VACTE Office at 928-634-7131
- ▶ Or
- ▶ Consult with your local high school academic advisor