# New Horizons Career and Technical Education
## Program of Studies SY 2024-2025

| CAREER CLUSTERS | COURSES | Unweighted GPA Minimum | CAMPUS | AM/PM SESSION | COLLEGE CREDITS | INDUSTRY CREDENTIAL(S) | Course Number |
|---|---|---|---|---|---|---|---|
| **Transportation & Logistics** | | | | AM-7:40-10am PM- 12:15-2:35pm | | | |
| (1 yr program) (2nd yr optional) | Auto Body Collision Technology I, II, III | 1.5 | Butler Farm | Both | | ASE/Entry-Level | 8676/8677 8678 |
| (2 yr program) | Automotive Technology I, II | 1.5/ 2.0 for VPCC | Butler Farm | Both | 17 VPCC | ASE/Entry-Level | 8506/8507 |
| (1 yr program) | Marine Service Technology I, II | 1.5 | Butler Farm | Both | | NOCTI/ABYC | 8750/8751 |
| (1 yr program) | Unmaned Aircraft Systems | 2.0 | Woodside Lane | PM | 18 VPCC | Remote Pilot Certification | 8487/8488/8910 |
| **Architecture & Construction** | | | | | | | |
| (1 yr program) (2nd yr optional) | Building Construction I, II Building Construction III | 1.5 | Woodside Lane | Both | | NCCER | 8601/8602 8603 |
| (1 yr program) | Electricity and Renewable Energy | 1.5 | Woodside Lane | Both | | NCCER | 8533/8534 |
| (1 yr program) | HVAC I, II | 1.5 | Woodside Lane | Both | | EPA/H.E.A.T Assessment | 8503/8504 |
| (1 yr program) | Plumbing and Pipefitting | 1.5 | Woodside Lane | Both | | NCCER | 8551/8552 |
| **Manufacturing Technology** | | | | | | | |
| (1yr program) | Virtual Machining & Design | 3.0 | Butler Farm | AM | 20 VPCC | NIMS | 8539/8540 |
| (1 yr program) | Mechatronics | 3.0 | Butler Farm | PM | 20 VPCC | Siemens Mechatronics Systems Cert./NOCTI | 8554/8555/8556 |
| (2 yr program) | Welding I & II | 2.0 | Both | II-AM & I-PM | | AWS SENSE/NOCTI | 8672/8673 |
| **Health Sciences** | | | | | | | |
| (2 yr program) | Dental Careers I & II | 3.0 | Butler Farm | I-AM; I&II-PM | | X-Ray Cert., NOCTI | 8328/8329 |
| (1 yr program) | Medical Assistant | 3.0 | Butler Farm | Both | | NOCTI/ NHA Certification | 8345/8346 |
| (1 yr program) | Nurse Aide | 3.0 | Butler Farm | Both | | Cert. Nursing Assistant | 8360/8362 |
| (1 yr program) | Patient Care Technician* | 3.0 | Butler Farm | Both | | CPCT, CET, CPT | 8303 |
| (1 yr program) | Physical and Occupational Therapy I, II | 3.0 | Butler Farm | Both | | Certified Physical Therapy Aide Exam | 8365/8366 |
| (1 yr program) | Pharmacy Technician* | 3.0 | Woodside Lane | Both | | NHA ExCPT Examination | 8305/8306 |
| (1 yr program) | Veterinary Science | 3.0 | Woodside Lane | Both | | iCEV Vet. Medical Applications Exam | 8088/8089 |
| **Human Services** | | | | | | | |
| (2 yr program) | Cosmetology I & II | 2.0 | Both | II-AM & I-PM | | State Licensure/NOCTI | 8745/8746 |
| (2 yr program) | Culinary Arts I & II | 2.0 | Woodside Lane | II-AM & I-PM | | ServSafe Manager / Prostart | 8275/8276 |
| (1 yr program) | Early Childhood Education | 2.0 | Woodside Lane | Both | 6 VPCC | AAFCS Exam | 8234/8285 |
| **Information Technology** | | | | | | | |
| (1 yr program) | Cybersecurity Operations | 2.5 | Butler Farm | Both | | NOCTI/A+/Network+ Certifications | 6304/6306 |
| (1 yr program) | Cybersecurity Systems Technology | 2.5 | Woodside Lane | AM ONLY | | Comp TIA A+ | 8628/8629 |
| (2 yr program) | Cisco Networking | 3.0 | Woodside Lane | PM ONLY | 8 VPCC credits per yr | CISCO CCNA/Certiport IT Specialist - Networking | 8542/8543/8544/ 8545 |
| (1 yr program) | Computer Programming & Gaming Applications | 3.0 | Woodside Lane | Both | 14 VPCC | Certiport IT Specialist – Java | 6640/6641 |
| **Public Service** | | | | | | | |
| (1 yr program) | Criminal Justice | 2.0 | Both | Both | 6 VPCC | NOCTI | 8702/8703 |
| (1 yr program) | Emergency Medical Technician | 3.0 | Butler Farm | Both | | EMT/NOCTI | 8333/8334 |
| (1 yr program) | Fire Fighter | 2.5 | AM- WL & PM-BF | Both | | Fire Fighter I & II/NOCTI | 8705/8706 |

**Note:** All course offerings listed above are contingent upon the necessary number of students enrolling in them. If a class does not attain minimum requirements then it may be canceled. As such, students are strongly encouraged to choose more than one course when completing an enrollment application. Dual enrollment credits are contingent upon employment of a qualified instructor and students meeting criteria.
*Only seniors will be selected for this program due to testing requirements.