

Scioto County CTC

Allied Health

Essential skills needed for success **upon completion** of the program

Rating Key: 1=Not Essential 2= Slightly Essential 3= Essential 4= Very Essential

| Key Career Skills | 1 | 2 | 3 | 4 |
|--|---|---|---|---|
| Visual acuity/depth perception – the ability to detect differences – A visual inspection is the first step of the diagnostic process | | | | X |
| Auditory acuity – the ability to detect differences in pitch/sound | | | X | |
| Oral communication- the ability to verbally express/explain ideas | | | | X |
| Written communication- the ability to write communication necessary for the field | | | | X |
| Physical mobility and strength- the ability to meet physical demands of the field | | | | X |
| Arm- hand coordination & fine finger dexterity – the ability to manipulate objects as required | | | | X |
| Stability- the ability to employ consistent operating procedures and protocol | | | | X |
| Ability to collect, analyze, and interpret numerical data in an applied setting – Measurements of resistance and Ohm’s calculation | X | | | |
| Ability to creatively problem solve | | X | | |
| Ability to organize and prioritize work process | | | X | |
| Ability to discriminate between objects of similar size, shape, color and spatial relationship | | | X | |
| Ability to use tools of the trade safely and accurately | | | | X |
| Willingness to adapt and change per industry standards and culture – Technology is rapidly advancing in this field | | | X | |
| Ability to consistently abide by industry rules and regulations | | | | X |
| Ability to work accurately and follow procedures to industry standards | | | | X |
| Soft Skills | | | | |
| Ability to get along with colleagues and persons of authority | | | | X |
| Ability to demonstrate flexibility and adaptability | | | X | |
| Ability to demonstrate multicultural awareness and acceptance of diversity | | | X | |
| Ability to consistently demonstrate honesty, integrity, and respectfulness | | | | X |
| Positive attitude toward work including tasks of minimal interest | | | X | |
| Ability to work independently | | | X | |
| Ability to stick to assigned task to a positive or expected conclusion | | | | X |
| Dependability (attendance, punctuality) | | | X | |
| Ability to follow and retain: oral instructions – multi-step | | | X | |
| Ability to follow and retain: written instructions – multi-step | | | X | |
| Ability to follow and retain: diagram/chart instructions – simple to complex | | X | | |
| Ability to follow and retain: visual model/demonstrated instructions – interpretation of writing diagrams is an essential task | | | | X |
| MATH Skills | | | | |
| Count, record, compare, calculate whole numbers (grades 1-3) | | | X | |
| Calculate fractions, decimals, order of operations, pre-algebra (grades 4-6) | | X | | |
| Algebra I, ratios/proportions, formulas, square root (grades 7-9) | | X | | |
| Geometry, Algebra II, Trigonometry, Statistics (grades 9-12) | X | | | |
| Advance Algebra, Pre-Calculus, Calculus (grades 10-12) | X | | | |
| READING Skills | | | | |
| Grade Level 1-4 (primary textbooks) | | | | X |
| Grade Level 5-7 (basic newspapers) | | | | X |
| Grade Level 8-12 (high school textbooks) | | | | X |
| Able to read and apply the use of industrial manuals (high school textbooks) | | | | X |
| Grade Level 12+ (college textbooks) | | X | | |