

If you are thinking about enrolling at ICTC,  
please complete this chart

to

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## Computer Systems Technology - Detailed Skill Assessment

<b>Name:</b>	<b>School:</b>	<b>Grade:</b>
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<b>Academics:</b>	<b>Present Level</b>	<b>If there is a gap, indicate Planned Action</b>
Advanced Computer Skills - Hardware/Software		
Algebra I		
Algebra II		
Geometry		
Physics		
11th Grade Reading and Comprehension Levels		
Oral and Written Communication		
Ecology - Impact of the POS on the Environment		

<b>Abilities: (see glossary below)</b>		
Deductive Reasoning		
Oral Comprehension		
Problem Sensitivity		
Inductive Reasoning		
Oral Expression		
Written Comprehension		
Information Ordering		
Near Vision		
Speech Clarity		
Speech Recognition		
Written Expression		
Selective Attention		
Category Flexibility		
Finger Dexterity		
Flexibility of Closure		
Fluency of Ideas		
Visualization		
Far Vision		
Arm-Hand Steadiness		
Originality		
Perceptual Speed		
Speed of Closure		
Memorization		
Visual Color Discrimination		
Manual Dexterity		
Mathematical Reasoning		
Multilimb Coordination		
Auditory Attention		
Control Precision		
Number Facility		
Time Sharing		
Depth Perception		
Extent Flexibility		
Hearing Sensitivity		
Static Strength		
Wrist-Finger Speed		
Sound Localization		
Spatial Orientation		
Trunk Strength		

## Glossary

**Deductive Reasoning** — The ability to apply general rules to specific problems to produce answers that make sense.

**Oral Comprehension** — The ability to listen to and understand information and ideas presented through spoken words and sentences.

**Problem Sensitivity** — The ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing there is a problem.

**Inductive Reasoning** — The ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events).

**Oral Expression** — The ability to communicate information and ideas in speaking so others will understand.

**Written Comprehension** — The ability to read and understand information and ideas presented in writing.

**Information Ordering** — The ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations).

**Near Vision** — The ability to see details at close range (within a few feet of the observer).

**Speech Clarity** — The ability to speak clearly so others can understand you.

**Speech Recognition** — The ability to identify and understand the speech of another person.

**Written Expression** — The ability to communicate information and ideas in writing so others will understand.

**Selective Attention** — The ability to concentrate on a task over a period of time without being distracted.

**Category Flexibility** — The ability to generate or use different sets of rules for combining or grouping things in different ways.

**Finger Dexterity** — The ability to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble very small objects.

**Flexibility of Closure** — The ability to identify or detect a known pattern (a figure, object, word, or sound) that is hidden in other distracting material.

**Fluency of Ideas** — The ability to come up with a number of ideas about a topic (the number of ideas is important, not their quality, correctness, or creativity).

**Visualization** — The ability to imagine how something will look after it is moved around or when its parts are moved or rearranged.

**Far Vision** — The ability to see details at a distance.

**Arm-Hand Steadiness** — The ability to keep your hand and arm steady while moving your arm or while holding your arm and hand in one position.

**Originality** — The ability to come up with unusual or clever ideas about a given topic or situation, or to develop creative ways to solve a problem.

**Perceptual Speed** — The ability to quickly and accurately compare similarities and differences among sets of letters, numbers, objects, pictures, or patterns. The things to be compared may be presented at the same time or one after the other. This ability also includes comparing a presented object with a remembered object.

**Speed of Closure** — The ability to quickly make sense of, combine, and organize information into meaningful patterns.

**Memorization** — The ability to remember information such as words, numbers, pictures, and procedures.

**Visual Color Discrimination** — The ability to match or detect differences between colors, including shades of color and brightness.

**Manual Dexterity** — The ability to quickly move your hand, your hand together with your arm, or your two hands to grasp, manipulate, or assemble objects.

**Mathematical Reasoning** — The ability to choose the right mathematical methods or formulas to solve a problem.

**Multilimb Coordination** — The ability to coordinate two or more limbs (for example, two arms, two legs, or one leg and one arm) while sitting, standing, or lying down. It does not involve performing the activities while the whole body is in motion.

**Auditory Attention** — The ability to focus on a single source of sound in the presence of other distracting sounds.

**Control Precision** — The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions.

**Number Facility** — The ability to add, subtract, multiply, or divide quickly and correctly.

**Time Sharing** — The ability to shift back and forth between two or more activities or sources of information (such as speech, sounds, touch, or other sources).

**Depth Perception** — The ability to judge which of several objects is closer or farther away from you, or to judge the distance between you and an object.

**Extent Flexibility** — The ability to bend, stretch, twist, or reach with your body, arms, and/or legs.

**Hearing Sensitivity** — The ability to detect or tell the differences between sounds that vary in pitch and loudness.

**Static Strength** — The ability to exert maximum muscle force to lift, push, pull, or carry objects.

**Wrist-Finger Speed** — The ability to make fast, simple, repeated movements of the fingers, hands, and wrists.

**Sound Localization** — The ability to tell the direction from which a sound originated.

**Spatial Orientation** — The ability to know your location in relation to the environment or to know where other objects are in relation to you.

**Trunk Strength** — The ability to use your abdominal and lower back muscles to support part of the body repeatedly or continuously over time without 'giving out' or fatiguing