



**Cluster Overview:** The **Information Technology Career Cluster** prepares students for Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.

**Extended Learning Experiences**

**Curricular Experiences:**

**Technology Student Association** - a national non-profit organization devoted exclusively to the needs of elementary, middle and high school students with a dedicated interest in technology. Involvement with TSA benefits teachers as well as students. Relating class activities to local, regional, state and national technology oriented competitive events can be highly motivational for students. The natural interaction between teachers and students provides an excellent learning environment while working towards goals.

**Extracurricular Experiences:**

**Work-Based Learning Experiences:**

Career Preparation – Paid and Unpaid, Job Shadowing, Internships

**Program Accreditation and/or Professional Association(s):**

**Service Learning Experiences:**

**CompTIA -**

CompTIA is the computing technology industry association. It is the leading association representing the international technology community and the world's largest developer of vendor-neutral IT certification exams.

CompTIA also has an Educational Foundation which assists individuals with opportunities to pursue careers in IT.

**Career Options**

**Average Annual Earnings Range\***

	<b>Career Options</b>	<b>Average Annual Earnings Range*</b>
Certificate	Computer Service and Repair Technician	\$28,290 to \$40,000
Associate Degree	Computer Software Technician Computer Support Specialist Computer Equipment Repairer	\$31,070 to \$52,840 \$31,070 to \$52,840 \$28,290 to \$45,590
Bachelor Degree	Network Computer Systems Administrator Computer Security Specialist Computer Systems Analyst Network Systems Data Communications Analyst Computer Software Applications Engineer	\$47,390 to \$76,190 \$47,390 to \$76,190 \$54,070 to \$85,210 \$47,190 to \$80,410 \$60,420 to \$94,970
Graduate Degree	Computer and Information Systems Manager	\$75,240 to \$123,140

\*U.S. Average Annual Earnings Range data obtained from [CollegeInColorado.org](http://CollegeInColorado.org) (CHOICES Planner & Explorer) in 2008

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