IT-oLogy®

Grow Yourself.
Change the World.

You can change the world with information technology.

Every industry depends on IT. With IT skills, you can create a life-saving technology, protect your nation and community, give internet access to third-world nations or start a business.

Plus, skilled IT professionals are in high demand and earn strong salaries. Many succeed regardless of educational level, personality type, ethnicity, age, gender, or any other factor.

IT-oLogy will give you the tools and resources to get started. Whether you're a student or a seasoned professional, you'll find that there's a place for you in IT!

Contents

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www.it-ology.org

CYBER
Field Trips

IT-oLogy delivers technology content to 4K-12th grade groups either at your site or at our downtown location. The IT enrichment content delivered aligns with the Computer Science Teachers Association (CSTA) and the South Carolina Department of Education standards. Visit our website to request a field trip.

CYBER
Saturdays

On designated Saturdays throughout the school year, students experience fun, hands-on cyber projects. Each Saturday features a different topic, allowing students to explore a wide range of technology. Check our online events calendar for dates and locations.
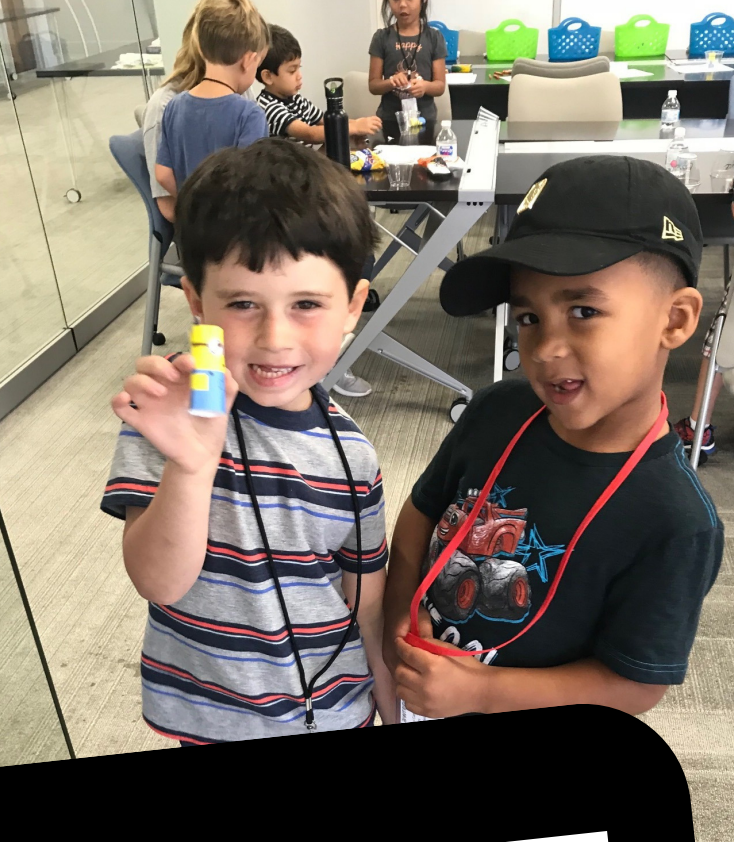
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CYBER *Summer Camps!*

Have a blast each summer at IT-oLogy experiencing hands-on activities with virtual reality, drones, robotics, programming, electronics and more!
Camps for ages 4K-12th grade.
Check our online calendar for dates!

Save 20%

Become an IT-oLogist Insider!

Save 20% on programs and other events for students 4K-12th grade by signing up as an IT-oLogist Insider!

For more information, visit our website!

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INNOVATION CHALLENGE

The Innovation Challenge is a state-wide challenge for 4K-12th grade teachers and 3rd-12th grade students. The mission is to create a project that uses technology to solve a problem in school, the community or South Carolina.

Our online application is open from October through February and is free to enter. The awards event is held every March for project finalists. Check our website for updates and more information.

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Building Teacher Success!

Our goal is to **make you, South Carolina's educators, successful inside and outside of the classroom!** That's why we offer a variety of IT enrichment programs that invest in you and your students! Visit our website to learn more!

Teacher Professional Development

Teachers gain hands-on experience with multi-disciplinary STEAM curriculum, technology & project-driven electives that provide new, innovative ways to engage students. Teachers will receive a certificate of completion and can earn CEUs.

Teachers & Students Innovation Challenge

Teachers will demonstrate how they effectively integrate technology into their classroom or school to educate students about a given topic. Students in 3rd-12th grade will create projects using technology to solve a problem in school, the community or South Carolina. Top innovators will receive scholarships, cool tech prizes and more. Registration is free!

Cyber Field Trips

Elementary, middle and high school classes enjoy hands-on, interactive STEAM field trip experiences with robotics, virtual reality, programming and more cool technologies! Come to us or we'll come to you!

After School Enrichment

IT-oLogy hosts elementary and middle school classes for IT enrichment content that aligns with CSTA and South Carolina Department of Education standards. Continue STEAM learning while having fun!
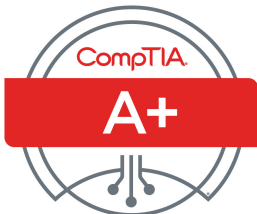
IT Certification Training & Testing

IT-oLogy offers IT certification training for certifications that are in high demand from employers. Earning these credentials will help you launch your new IT career or advance your current career. Visit our website for training dates.

CompTIA ITF+ helps you determine if you have a competency for information technology and if it is the right career path for you. ITF+ is the only single certification that covers all areas of IT foundations, creating a broader understanding of IT making it ideal for non-technical professionals.

CompTIA A+ is the preferred qualifying credential and industry standard for IT technical support and IT operational roles; it is about much more than PC repair. You will learn to install, upgrade, remove, maintain as well as troubleshoot a computer.

CompTIA's Network+ validates the knowledge and skills to troubleshoot, configure and manage common wired and wireless network. Network+ certifies a basic understanding of emerging technologies including unified communications, mobile, cloud and virtualization technologies.

CompTIA Security+ is the certification globally trusted to validate foundational, vendor-neutral IT security knowledge and skills. As a benchmark for best practices in IT security, this certification covers the essential principles for network security and risk management.

Ranked eighth as the best and highest paying IT certification is the **Information Technology Infrastructure Library (ITIL)**. ITIL is the most widely accepted approach to IT service management in the world. ITIL provides a cohesive collection of best practice, drawn from the public and private sectors internationally.

For organizations who have implemented ITIL, IT-oLogy offers a **process maturity assessment**. We can help you analyze your current processes and identify challenges and opportunities to ensure you're running at top efficiency. Contact us for details.

Advancing South Carolina's Economy through Information Technology

IT-oLogy's Summit on IT is a must-attend event for C-suite, hiring managers, economic developers, educators and others who are advancing South Carolina's economy. For registration and sponsorship information, visit our website.

Get Involved

Volunteer

If you're interested in investing in the next generation, you don't have to be an IT expert to serve as a volunteer. We're looking for individuals who share our mission of helping others take advantage of the unlimited opportunities information technology offers. Volunteer applications are on our website.

Summer Camp Internships

We offer a limited number of summer camp internships, where you'll invest 10 weeks helping students explore the wonders of emerging technologies. Contact us online or by phone for opportunities!
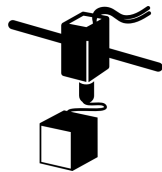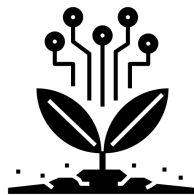
IT Enrichment Program Topics

From classroom field trips to teacher professional development to corporate team building, IT-oLogy can deliver to anyone.

IT enrichment programs cross all disciplines and meet South Carolina Department of Education Computer Science Standards, ITEEA Standards in Technology Literacy and ISTE National Education Technology Standards. All programs are customizable for all ages, unless otherwise noted in the description. Previous experience with technology or programming is not required for any topic.
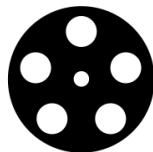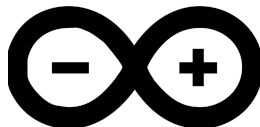
3D Print Design

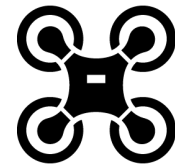Agriculture Technology

Animation

Arduino

App Creation / Gaming

Circuitry

Drones

HTML Web Design

Makerspace

Micro:bit

Raspberry Pi
*Only hosted at the IT-oLogy location

Robotics

Virtual/Augmented Reality

Students ages four through seven learn digital literacy skills through hands-on exploration of cool technology including virtual reality, drones, robotics and more.

IT-oLogy's mission is to attract, educate, grow and retain future IT talent to address the IT skills crisis that South Carolina is facing.

We do this through offering innovative, interactive, high-quality programs and events designed for 4K-12th graders and college students, educators, career changers, veterans and IT professionals.

IT-oLogy®

1301 Gervais Street, Suite 200 | Columbia, SC 29201 | (803) 354-5730

A 501(c)3 organization

www.it-ology.org