



Summer High School Program 2026

Young Business Creators

The innovative short educational program aims to cultivate entrepreneurial culture through the development of students' creativity, innovation, imagination and business skills so that they will be in position to approach challenges in many different ways. The students will learn how to develop innovative ideas with the support of the ACT's tutors and through a guided process based on Iowa University's Jacobson Youth Entrepreneurship Camp. Moreover, the school intends to familiarize them with the basic concepts of entrepreneurship and business thinking in order to design their own business plan.

Web Development

Do you want to know more about Web Development or start a career in this field? This seminar is open to anyone who wants to set up their online presence. Students will work with HTML, CSS, Javascript technologies. It is suitable for those who want to learn to build websites and have control of their content. The lessons consist of a very practical part, with hands-on examples and exercises to better understand new items. You will need to bring your own laptop with you so that you can better practice all the new concepts you will be trained, in class and at home. Upon completion of your training you will be given a certificate of attendance to add it to your CV and your LinkedIn profile.

Introduction to Biotechnology

The course is designed to familiarize students (interested in the fields of medicine, veterinary medicine, pharmacology, biotechnology, biochemistry, molecular biology, food science and immunology) with the nature of work and activities conducted in a real biology/bio chemistry research laboratory setting. The course will offer two weeks of hands-on training on essential and current laboratory techniques used in microbiology, biochemistry and molecular biology. The microbiology part of the course will cover basic microbiology concepts and practices such as the isolation, cultivation, identification and classification of microorganisms. In the biochemistry/molecular biology part of the course, students will receive hands-on experience in DNA isolation and electrophoresis, protein isolation and enzyme assays. Throughout the two-week training camp, students will use equipment found in state of the art research laboratories and gain hands-on experience in laboratory techniques and practices such as micropipetting, centrifuging, spectroscopy and the basic recombinant DNA technology techniques. Students will also have the opportunity to visit biotechnology research laboratories and talk to scientists in the areas of genomics, bioinformatics and molecular biology and be inspired to pursue their interest in science. By the end of the program, participants will have gained a real-life experience (including rewards and challenges) working in a research

laboratory in the field of biology/biochemistry. Finally, the course concludes with a consideration of bioethical issues related to biotechnology

Power Journey

Power Journey is a dynamic two-week learning experience designed to empower all youth to understand themselves, build confidence, and explore their potential. Through interactive workshops and collaborative activities, participants develop the mindset and skills needed to navigate today's social, emotional and academic challenges. The program integrates key concepts with practical life skills, helping participants better understand how their identities are shaped and ultimately shape their own futures with self-awareness and purpose. Core Themes & Focus Areas

1. Identity & Self-Discovery

Understanding identity formation, values, strengths, and personal goals for all youth.

2. Wellness & Body Positivity

Promoting mental, emotional, and physical well-being, challenging cultural norms and beauty standards.

3. Digital Awareness & Online Empowerment

Healthy digital habits, online safety, and responsible social media use for all.

4. Relationships & Communication

Building healthy friendships, setting boundaries, resolving conflict, and communicating with confidence.

5. Leadership & Future Pathways

Career exploration, role models, public speaking, and community engagement.

Photography

Dive into a world of creativity and exploration in our Summer Photography Course Tailored specifically for budding young artists. This course blends theory with hands-on experiences to cultivate a comprehensive foundation in the art and techniques of photography. From capturing the wonders beneath the surface through underwater photography to experimenting with storytelling through video capturing and immersive 360° imagery, this course is a thrilling blend of fun and education.

This course is designed to nurture your creative vision, enhance technical skills, and foster critical thinking through engaging activities. Immerse yourself in a dynamic learning environment featuring lectures, demonstrations, peer critiques, lab work, and exciting field trips where you learn by doing! This course goes beyond technical skills. Embrace experimentation and self-expression as you undertake regular assignments and projects. Apply theoretical concepts and technical skills to craft visually captivating and conceptually meaningful photographs.

This summer photography course is your gateway to discovering the artistry and technical finesse behind captivating images. Unleash your creativity, connect with like-minded peers, and build a solid foundation for your journey into the captivating world of photography.

To fully benefit from this Photography Summer Camp, participants are required to have access to one of the following types of cameras:

1. DSLR (Digital Single-Lens Reflex) camera

Any DSLR camera with manual settings capabilities would be ideal.

2. Mirrorless camera

A mirrorless camera equipped with manual settings for aperture, shutter speed, and ISO.

3. Compact camera with manual settings

A compact camera that offers manual control over settings such as aperture, shutter speed, and ISO.

4. Modern mobile phone camera

A smartphone with a built-in camera that is relatively recent, having been manufactured within the last 5-6 years.

Computer Networks

This course aims to introduce students to computer networks, providing them with the theoretical background of how modern networks operate, as well as hands on experience on the design, simulation and implementation of a home network. The following topics will be discussed under this course:

- Networking fundamentals: Network devices, Communication media, Protocols, The OSI model, Binary system
- Network types: LANs, WANs,
- Addressing: IPv4, IPv6
- Network Design: Design requirements, Best practices, Protocol stack, Network simulation, Hands on practice with Cisco Packet Tracer
- Network Implementation: Hands on practice in building a network from scratch (Cisco Lab)

Financial Literacy

Introductory course in Economics that covers critical concepts that everyone should be aware of regardless of their specialization. The course takes students from the basics of thinking like an economist (Basic Demand and Supply, Opportunity Costs, Marginal Analysis), to the key macroeconomic variables (GDP, Unemployment and Inflation), to concepts like the behavior of Consumption and Savings, and to Fiscal and Monetary policies. Furthermore, students will be presented with some basic knowledge concerning the decision-making tools behind investments, loans and pension plans. Finally, a core topic will cover the basics of Economic Crises, their causes, consequences and remedies, throughout time, with the 1929 and 2008 crises being the focal point.

Real Life Economics

This two-week course introduces high school students to the essentials of economics through real-world examples and practical applications. Students will understand basic economic principles such as scarcity, supply and demand, price setting, and opportunity cost, explore how economic principles influence their daily choices, personal finances, savings and budgeting. They will explore how businesses operate and respond to economic forces (revenue, costs, taxes). They will be able to discuss the role of governments and global systems in the economy (trade, globalization, inflation, unemployment). By the end of the course, students will have a foundational understanding of key economic concepts and how they apply to real-life situations.

The ABC of Management- People and Organizations

This evolving short educational experience aims to build a generic managerial background related to people and organizational performance through the formation and primary development of students' business acumen and mindset capabilities. The students will delve into the significant role of managerial performance through the use of conceptual and practical

approaches pertaining to leadership, strategic thinking, human resources, organizational change, organizational behavior, and quality management.

Get Creative With Us: Language, Media, and Digital Expression

This two-week course introduces students to the ways language functions across contemporary social media environments and how digital platforms shape communication, identity, and creativity. Through hands-on activities (e.g., Micro-story challenge; Caption and meaning workshop; Build your own mini campaign; Digital creativity lab; etc.) students will examine how messages are crafted, how audiences are engaged, as well as how visual and verbal choices influence meaning. The course moves between analysis and practice: participants get to explore examples from platforms such as Instagram, TikTok, and YouTube, and then develop their own short creative pieces, from micro-narratives to multimedia posts. By combining critical thinking with practical production, the present course encourages students to understand digital culture as a space where language, storytelling, and creativity intersect. Students' language skills will also be improved and enhanced through the introduction of media-related terminology. Participants will enhance their awareness of how language operates in digital contexts, including tone, audience engagement, multimodality, and persuasive strategies. They will practise creative writing, basic storyboarding, and content planning, appropriate to their age and language skills, while also learning to evaluate online communication critically. The programme strengthens confidence in self-expression, collaboration, and responsible online behaviour, helping students to use social media not only as consumers but as thoughtful and inventive creators.

Relevance to the job market. Digital communication skills are essential across almost every professional field, from marketing and journalism to education, design, and entrepreneurship. The course equips students with early literacy in media production, audience awareness, and creative problem-solving.