



ECTS

Edition 1: May

TECHNICAL TOPICS

A BETTER EDUCATED GENERATION LEADING INNOVATION



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SKILLSUSA

TECHNICAL TEASER GAMES



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TECHNICAL TEACHINGS



AIKEN'S ADVICE

Get Involved! When you have the **opportunity** to try something new, I encourage you to step out of your comfort zone and give it a chance. Whether it be joining an organization, attending a meeting, or trying a new skill or hobby, the benefits are vast! You will have the **opportunity** to learn new things, meet new people, and possibly have a once in a lifetime experience. No matter what your career path is, networking will greatly benefit you, so take advantage of every opportunity to engage with people as you can. Keep in mind, first impressions are what people remember about you.



Mrs. Julie Aiken | Principal

ERIE COUNTY TECHNICAL SCHOOL DELIVERS CAREER SUCCESS TO NORTHWEST PENNSYLVANIA THROUGH:

EMPLOY-ABILITY

CAREER PLANNING

TECHNICAL EDUCATION

SUPPORTING ACADEMICS

LAVERDE'S LESSONS:

Character, **Service**, and **Effort** are the keys to success! In my certified-professional opinion, if we graded on those big three (3) principles, the world and education would be a better place. When you talk employability, being a good person that works hard – **“Character” & “Effort”**, and being a team player that helps others – **“Service”** – are how any person in any field finds success. My hope for the class of 2024 is that they exemplify these principles in their life after high school. **Best wishes to the ECTS Class of 2024!**



Mr. Matthew LaVerde | Director



TECHNICAL TEACHINGS



YEANEY'S YOUNGSTERS

In the Autobody repair classroom at ECTS, Elijah Carner, an 11th-grade student from Wattsburg, stands out as a shining example of excellence. Known for his **compassion, diligence, and unwavering friendship**, Elijah embodies the essence of "Yeane's Youngster." He consistently demonstrates a caring nature, both as an older brother to his sibling and as a reliable support system for his peers. Elijah's acts of kindness extend beyond his immediate circle; he readily assists classmates and friends in need, showcasing his selflessness and genuine concern for others. His altruistic nature and willingness to lend a helping hand make him a standout student.

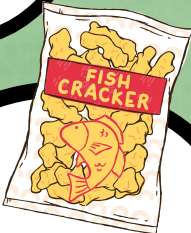
- Officer Yeane

ELIJAH
CARNER



GRETA'S GRATITUDE

I am grateful for having the opportunity to be at ECTS. I love seeing all the students hard at work in their labs.



I love going to the park and eating goldfish crackers! Walking the halls and smelling what culinary arts is cooking is the best! I just gotta figure out how to get them to give me the good smelling stuff!





SKILLSUSA'S MISSION

SkillsUSA empowers its members to become world-class workers, leaders and responsible American citizens. SkillsUSA improves the quality of our nation's future skilled workforce through the development of framework skills that include personal, workplace and technical skills grounded in academics.

Every year ECTS sends our most brilliant students to compete at regional level. Any student that places 1st in their competition is named a regional champion and has a seat at states in Hershey, PA. Last year we only had 5 students who advanced to the state level. This year we had 16 students compete at the state level!

Throughout our trip we visited the state capital, the AACA Museum, and Hershey's Chocolate world. We not only got a taste of the happiest place on earth, but had some delicious Hibachi and all-you-can-eat pizza. This is not just a trip to compete, this is a trip full of memories, fun, learning, and great food coupled with fun adventures.

SKILLSUSA'S CHAPERONES



Mr. Micheal Miller
Technology Manager



SkillsUSA Advisor



Mrs. Hanni Nazario
Professional Skills
Instructor



Miss. Lilly Shallenberger
Art & Design for Business
Instructor

EMPOWERING ITS MEMBERS TO BECOME WORLD-CLASS WORKERS, LEADERS AND RESPONSIBLE AMERICAN CITIZENS

Career Pathways Showcase - Student teams use their course of study as the basis of a project that will benefit their class, school, community, or industry. This competition will judge mastery of their training, its application, the project's benefit to their community, and display and presentation techniques.

Graphic Communications - This competition consists of the following segments: preparing a job and printing it with a digital printing device, creating and preflighting a print-ready file using Adobe software, performing exercises with offset press simulator software, solving production planning challenges, and taking a graphic arts knowledge test.

Architectural Drafting - Competitors will use their drafting skills to solve an architectural problem. The competition includes a written test, a hand sketch, and drawings that are either computer-generated or board drafted. The competition evaluates the competitors' problem-solving abilities, not simply CAD skills.

Computer Programming - Demonstrate knowledge of programs and languages and structured programming. The competition may include a computer programming problem consisting of background information and program specifications. An appropriate computer program from design notes and instructions will be developed

Web Design & Development- Teams complete a series of challenges focusing on creating a website for a client and a specific target audience. Judging will focus on meeting the client's needs, usability and accessibility, and industry-standard best practices. Teams will also be evaluated on the process they use to meet the challenges.

Promotional Bulletin Board- Competitors Designed and built a Bulletin Board based on the theme of SkillsUSA that year. At the competition they present the board to judges. Here they learn the importance of professionalism, teamwork, planning and other real-world skills.

Cyber Security-Teams will demonstrate a wide range of skillsets needed in Cyber Security industry. This scouting combine will assess a team's knowledge and skills in a series of individual stations that will be totaled to determine the team's overall score.

Photography- A series of real-world scenarios are judged on their overall mastery of the following skills: understanding the features SLR's, cameras, field assignment, contact sheets, producing a composited digital fine art piece, written test, commercial studio using strobes, troubleshooting errors, print competition, and job interview.

Early Childhood Education - Competitors demonstrate their knowledge of developmentally appropriate practice and their ability to prepare and implement learning activities for children three to five years old. Writing and constructing a lesson plan and material within time restrictions and taking a test on your knowledge of the field.



TECHNICAL TEASERS



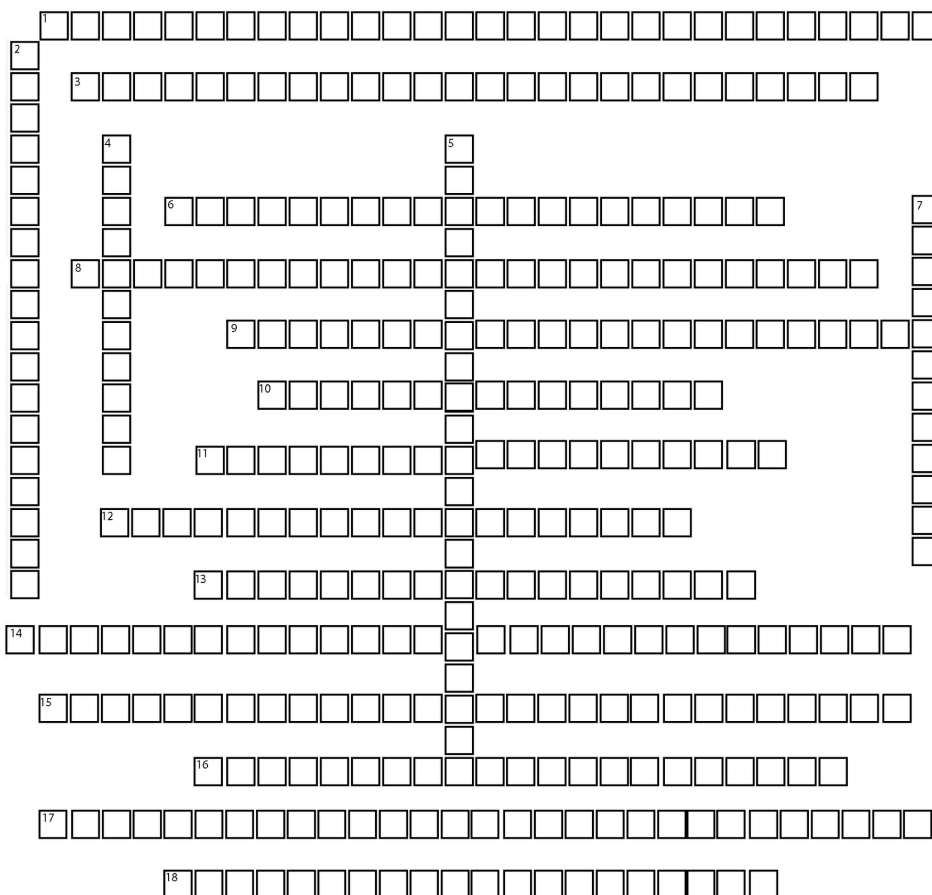
Name: _____ Date: _____

Hint: and = &

Learn the Labs!

Across

1. Which lab works with event planning and customer service?
3. Which lab works with designing models in CAD?
6. Which lab works with repairing, detailing and restoring cars.
8. Which lab works with cutting, bending, and welding metal?
9. Which lab works with writing lesson plans and caring for young children?
10. Which lab works with anatomy, medical terminology, and basic medical procedures?
11. Which lab works with design, print, and production?
12. Which lab works with creating programs, games, and apps through code?
13. Which lab works with building computers and keeping them secure?
14. Which lab works with exercise, nutrition, and physical therapy?



15. Which lab works with various machines to produce and design parts?
16. Which lab works with design, marketing, and fine arts?
17. Which lab works with maintaining building systems like HVAC units?

18. Which lab works with diagnosing, maintaining, and repairing damage to cars?
- Down**
2. Which lab work with building complete structures?
4. Which lab works with hair, nails, make up, and skin care.

5. Which lab works with electricity, wiring, and circuits?
7. Which lab works with cooking, pastries, and food safety?



SEE NEXT
EDITION FOR
ANSWERS!