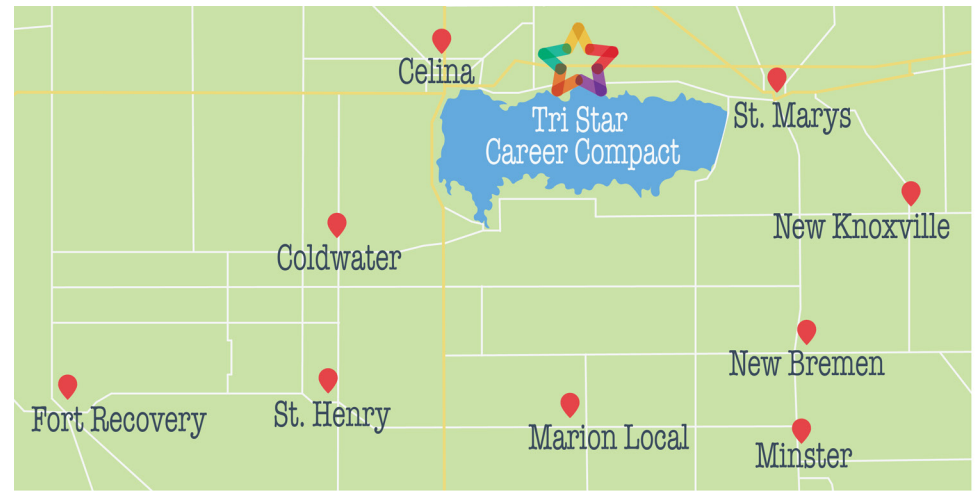


TRI STAR

CAREER COMPACT



TRI STAR

CAREER COMPACT



2023-2024 PROGRAM CATALOG

| 7655 State Route 703 |
Celina | OH | 45822

www.tristarcareercompact.com
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www.tristarcareercompact.com



419-586-7060



Miranda Burke

2023 - 2024

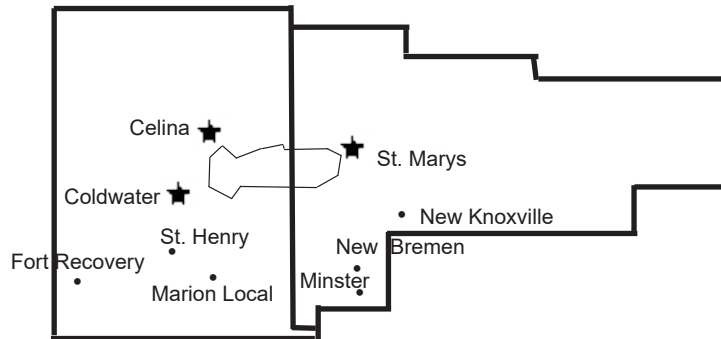
DESIGN-A-COVER CONTEST WINNER

Miranda is a senior in Tri Star's Interactive Media Program
and is from Minster High School.
She created the winning design for the front cover of this catalog.

Catalog printed by: Celina Schools Printshop, Celina, OH • 2022
Nora Young

TRI STAR CAREER COMPACT

NINE-MEMBER SCHOOL DISTRICTS



INTRODUCTION

TRI STAR CAREER COMPACT - Nine schools in Mercer and Auglaize counties make-up Tri Star's Career Technical district. These nine districts have developed a curriculum of programs for high school juniors and seniors who have an interest in a Career Technical field. The goal of Career Technical education is to help students develop skills that will be valuable throughout their life. Our aim is to help students successfully complete a program, and to be career ready at graduation.

SOCIAL MEDIA

www.tristarcareercompact.com

www.facebook.com/tristarcc

twitter.com/tristarcc1

The Ohio Department of Education and Tri Star Career Compact insures equal employment opportunities regardless of race, color, creed, national origin, handicap, or sex in compliance with state directives and federal recommendations. Tri Star Career Compact is in compliance with and will continue to comply with the provisions of Section 438 of the Rights and Privacy Act, P.L. 95-561.

PARENTS!

Parents are a critical link to helping their children make career decisions. The more involved you are in helping your teenager plan their future, the better. Below, are some ideas that will help your teen with their decision-making and career exploration.

- Help your teen gather information about the careers that interest him/her.
- Help your teen identify attitudes and skills that employers look for in job applicants. Discuss post-high school plans.
- Encourage job awareness.
- Encourage summer work, job shadowing and volunteer experience.
- Educate yourself on the courses and curriculum available at your high school.
- Learn high school graduation requirements as well as the entrance requirements for colleges/universities. Review these prior to selecting high school classes with your teenager.
- Investigate requirements needed to earn articulation or CTAV college credit.



Guidance counselors have numerous resources to answer any questions you may have regarding courses, college requirements, and post-secondary options.

WHAT PARENTS SAY ABOUT TRI STAR ...

Kelly, Parent of St. Marys student in REC Tech:

"Tri Star has had an immediate and huge impact on Nathan's career path in a very positive way. We had originally discouraged a Tri Star path thinking it was for non college bound students. We are very pleased that the teachers were able to convince us that Tri Star was a great beginning to college because it was the best move for our son. He made the Dean's List this first semester and is doing well in his electronics and engineering classes thanks to Jerry Kohnen. We cannot say enough good things to others about Tri Star being an excellent spring board into college. Our daughter will be enrolled next year!"

Lisa, Parent of St. Marys student in Precision Machining:

"As a parent of a Tri Star student, I would highly recommend Tri Star. For our son, Tri Star allowed him to gain a hands-on skill set which led to him wanting to pursue a career as a CNC operator. He is now working full-time at Crown on various machines as well as the CNC. The Tri Star experience opened the doors for our son."

TRI STAR SUCCESS STORIES continued ...



AMBER (Brannon) ZARICOR

Amber is a 2010 graduate of Coldwater High School who completed Tri Star's two-year Graphic Communications program. She went on to graduate from the School of Advertising Art (now The Modern College of Design) and work as a graphic/web designer for companies in Tennessee and California. She then founded her own graphic design business, Copperheart Creative, and is currently the creative director. Check out copperheartcreative.com



TOM BURDEN

Tom is a 2009 Celina High School graduate who completed one year of Tri Star's precision machining program and one-year of the engineering technology program. After graduating he went on to serve eight years in the military, earn a degree in mechanical engineering from the University of Toledo, and invent the Grypmat, a non-slip, flexible tool mat. The Grypmat invention landed him on the TV program Shark Tank where he secured a deal with three celebrity sharks: Mark Cuban, Lori Greiner, and Sir Richard Branson. Visit tristarcareercompact.com to view a video of Tom on Shark Tank.

 For more success stories visit the Tri Star website: www.tristarcareercompact.com and click on **SUCSESSES**.

CENTRAL OFFICE STAFF AND ADMINISTRATION

Tim Buschur, Director
Brian Stetler, Assistant Director
Julie Schosker, Recruitment/Placement Coordinator
Marcia Helentjaris, Adult Education Coordinator/Career Advising
Don Berry, VOSE or Vocational Special Education
Brenda Dorner, Secretary

.....

BUILDING ADDRESSES AND PHONE NUMBERS

TRI STAR CAREER COMPACT (2.0)
7655 State Route 703, Celina, OH 45822
Phone: 419-586-7060 • Fax: 419-586-9503

ADDITIONAL PROGRAM SITES:
Celina High School
715 E. Wayne St., Celina, OH 45822
Phone: 419-586-8300 • Fax: 419-584-0307
(Career Based Intervention/P3)

St. Marys Memorial High School
2250 State Route 66N, St. Marys, OH 45885
Phone: 419-394-4011 • Fax: 419-394-3021
(Career Based Intervention)
(Marketing Education)

.....

TRI STAR ADVISORY BOARD MEMBERS SY22-23

Celina: Sandy Mast and Tim Rosengarten
Coldwater: Randy Kunk and Joe Rose
Fort Recovery: Rick Kremer
Marion Local: Tim Pohlman
Minster: Sandra Schulze
New Bremen: Scott Bertke
New Knoxville: Preston Meyer
St. Henry: Paul Moorman
St. Marys : Chris Falk and Dorothy Kiel



CALENDAR OF EVENTS FOR 2022-23

SOPHOMORE VISITS: Sophomores get the opportunity to try-out two programs hands-on during the afternoon session of Tri Star classes.

December 6, 2022 - St. Marys, New Bremen, and Minster

December 7 - Celina, Fort Recovery, and New Knoxville

December 8 - Coldwater, Marion Local, and St. Henry

December 9 - Make-up Day

ANNUAL OPEN HOUSE: December 12, 2022 • 5:30 to 7:30 p.m.

This is our annual public open house. All students, especially eighth through eleventh graders, their parents, and the general public are welcome. Tour our facilities, see our classrooms, and talk to our instructors. Sophomores who are considering enrolling in a Tri Star program need to know what to expect and this is a great time to find out!

APPLICATION DEADLINE - Thursday, January 26, 2023

JOB FAIR - May 5, 2023 • 9:00 a.m. to 12:30 p.m.

Over 50 area employers will be present to talk to students as well as the public about job opportunities, apprenticeships, internships and more.

NOTE: Please be sure to check Tri Star's website and/or Facebook page for the most up-to-date information about these events:

Website: www.tristarcareercompact.com

Facebook: www.facebook.com/tristarcc

We have made our best effort to provide accurate information on the pages of this catalog, however, we may have missed some errors and some information is subject to change without prior notice. We apologize for any misunderstanding this may cause.

TRI STAR SUCCESS STORIES



MARK HOPF

Mark is a 2005 Celina High School graduate who completed Tri Star's Engineering/CAD program. After graduation he attended Ohio Northern University to earn a B.S. Degree in Mechanical Engineering. He interned with Fanning Howey Associates, Inc. before securing employment with an engineering firm in Dublin, Ohio, only to return to Celina a few years later to work full-time as a mechanical engineer for Fanning Howey. Mark helped design the mechanical systems for Tri Star's award winning building. He is a registered engineer in six states, a certified Energy Manager and most recently was promoted to the position of Mechanical Discipline Director and leads Fanning Howey's team of mechanical engineers in Indiana and Ohio. He serves on Tri Star's Engineering Advisory Board and WSU's Advisory Council.



KRISTA (Burrows) HUBER

Krista is a 2014 graduate of Coldwater High School who completed Tri Star's Med Prep program. While in the Med Prep program she won a silver medal in Medical Terminology at the National SkillsUSA Competition. After graduating, she attended Xavier University and the University of Cincinnati where she earned a B.S. Degree in Health Sciences. She continued her education at Kettering College where she earned a Masters of Physician Assistant Studies Degree. She is currently employed as a General and Trauma Surgery Physician's Assistant at Lima Memorial Hospital, Lima, OH.



LUKE ZINK

Luke is a 2007 graduate of St. Marys Memorial High School who completed Tri Star's Welding program. While in the welding program, Luke worked for Auglaize Erie and Machine. Following graduation he was hired as a welder at Crown Equipment. He has advanced in his career as a process tech, and MEI, MEII and now senior ME. He has earned AWS, CWI, CRAW-T certifications and is a certified FANUC instructor. He also teaches Tri Star's adult FANUC robotics class.

Continued ...

STUDENT ORGANIZATIONS

The Tri Star experience includes co-curricular youth organizations. The activities of these organizations provide opportunities for Tri Star students to grow personally and professionally while learning a skilled occupation.



BPA - Business Professionals of America:
Students pursuing office or business careers may participate in this organization. BPA promotes the development of leadership and cooperation skills, personal and professional growth, and career-related competencies through various activities, projects, and competitions. Students participating in BPA develop a better understanding of the business community.



DECA - An Association of Marketing Students:
A service-oriented association for students pursuing careers in retailing, marketing, management, entrepreneurship, and other distributive occupations. DECA, an integrated component of Marketing Education, helps develop positive attitudes, hard work and a better understanding of America's free enterprise system.



FCCLA - Family, Career & Community Leaders of America: Students enrolled in a family and consumer science program (including Early Childhood Education) participate in this national youth leadership organization. Students learn management skills and develop leadership abilities through participation in a variety of activities, projects, and competitions.



FFA - The National FFA Organization: All students enrolled in agricultural programs participate in this national youth leadership organization. Students develop leadership and interpersonal skills as well as participate in a variety of activities, projects, and competitions.



Ohio SkillsUSA: SkillsUSA is a vocational organization for students in trade, industrial, technical, and health occupations programs. SkillsUSA emphasizes total quality at work ... high ethical standards, superior work skills, lifelong education and pride in the dignity of work. The programs and activities of Skills USA provide students opportunities for leadership, citizenship, and character development.



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Thank you for your interest in Tri Star Career Compact. If you have any questions or would like to arrange a visit, please call our office at (419) 586-7060 or e-mail us through our website: www.tristarcareercompact.com

FREQUENTLY ASKED QUESTIONS

What is Career-Technical Education?

It is planned programs of study designed to provide students with the technical and social skills needed for technology based careers. These skills increase an individual's chances of securing a good paying job in an area of interest to them.

What can Tri Star offer me as a high school student?

- The best Career-Technical training with up-to-date equipment and software.
- Instructors who are caring individuals with special training and "on-the-job" experience in the areas they teach.
- Qualified students can earn college credit and scholarship money.
- Job seeking assistance.

What does it cost to attend Tri Star classes?

There is no charge for attending a Tri Star class, however, most classes have lab fees AND, some programs require students to purchase tools (e.g. automotives, welding, construction). A list of class fees can be found on the Tri Star website under Resources.

How does Career-Technical education compare to regular education programs?

In some respects, it is similar to regular education classes in that students spend time in a classroom setting (with textbooks, etc.), however, Career Technical education programs devote a larger portion of class time to hands-on application of the skills learned (lab time).

How does a Career-Technical student's day differ from a regular student's day?

A student attends their chosen Career-Technical program for one-half of the school day. The other half of their day is spent at their home school completing required academic classes. All students must take required courses needed for graduation at their home school. Check the Ohio Department of Education's website for graduation requirements: www.ode.state.oh.us

Are there requirements for enrollment in a Tri Star program?

Yes, students are required to have accumulated a minimum nine (9) credit hours by the end of the sophomore year to be admitted. Students should be aware that the criteria used for being selected into a program is based on a student's attendance, which is weighted 70% **AND** their GPA (Grade Point Average) which is weighted 30% and is taken from their freshman and sophomore year.



CAREER PASSPORTS

The Career Passport is a portfolio which contains documents that summarize a student's educational, community, and work experience. It is a personal credential that demonstrates student readiness for the journey into adult society and the world of work or further education. Each graduating senior at Tri Star, will exit with a Career Passport. Career Passport benefits include:

- Helps students to identify and clearly present their strengths and marketable skills
- Boosts students' self-confidence for personal success and interviewing skills
- Gives employers and college admissions officials a "snapshot" of a student's education and abilities
- Prepares students for workplace and employer expectations
- Provides students with an ongoing, usable tool for adapting to a changing world

The Career Passport provides a concrete tool to help students maintain and update professional credentials for their lifelong learning and career process.

WELDING



CLASS TIMES:

Junior Level - 7:30 to 10:20

Senior Level - 11:45 to 2:20

CREDITS:

Three credits for each year successfully completed.

Welding is a two-year, NC3 Lincoln Electric partner program that gives you the technical knowledge and practical skills to enter the field of welding and metal fabrication. During the junior year of the program, students concentrate on safety instruction and the fundamentals of each welding process: GMAW, SMAW, GTAW, AND FCAW. Seniors tackle out-of-position techniques and more complex concepts of welding. Employability skills are also taught as part of the class. Welding students can earn NC3 Lincoln Electric credentials in all four welding processes, as well as OSHA-10 and forklift certifications in this program. Students may also test for AWS accreditation. Qualifying seniors may participate in the early job placement program.

CAREER OPPORTUNITIES:

- Welder in a manufacturing plant
- Welder in a private shop
- Independent Welder
- Metal Fabricator
- Chipper/Grinder
- Welder Fitter
- Welding Inspector
- Welding Instructor
- Welding Engineer

ACCREDITATION

Qualifying seniors are eligible to take the American Welding Society (AWS) Test.

TO PREPARE FOR THIS CLASS: Previous welding experience from an Industrial Technology class would be helpful.

If I choose a Career-Technical program, can I still go to college once I graduate?

Yes, approximately 60% of Tri Star graduates go on to attend 2 or 4 year colleges or other post-secondary training such as apprenticeship or certificate programs.

Is it true you can earn free college credit by taking a Tri Star class?

Yes, you can earn college credit three ways:

1. Articulation Agreements - Students enrolled in a Tri Star program that has an articulation agreement with a college they plan to attend AND they meet the specific requirements for that agreement.
2. CTAVs - Qualifying students can earn transcribed credits if they meet requirements.
3. College Credit Plus course - I.T./Cybersecurity is the only approved CCP program. See pages 9 - 11 for more information.

What can you tell me about College Tech Prep and STEM programs?

For information on College Tech Prep and STEM programs, see page 11.

Is transportation provided to Tri Star?

Yes! Bus transportation is provided from the student's high school to the Tri Star building at 7655 State Route 703, Celina.

Students, who choose to drive or students who ride with student drivers, are required to complete a Transportation Authorization form. Drivers must be able to provide proof of coverage by motor vehicle liability insurance (at the applicable state minimum level) in order to be able to drive to school.

PLEASE NOTE: Driving is a privilege. Students who drive irresponsibly or recklessly may lose their privilege to drive and be required to ride the bus or find other transportation.

Can Tri Star students participate in home school extracurricular activities?

Yes! Tri Star only requires students to leave their home school for half-a-day, thus enabling them to participate in activities and remain in close contact with peers and teachers at their home school.

How do I apply for enrollment in a program?

It's easy! Applications are available on the Tri Star website, in your high school guidance office, or at the Tri Star office. Just complete your portion of the application and turn it in to your high school guidance counselor before the posted deadline. Counselors must complete their portion of the application before sending it to the Tri Star office for processing.

FOR MORE INFORMATION, OR TO VIEW A VIDEO OF EACH PROGRAM, visit our website:

www.tristarcareercompact.com

ARTICULATION AGREEMENTS

An articulation agreement is a written agreement, between a college and a career-technical school. It gives a high school student the ability to earn college credit or to test out of college coursework (depending on the agreement), through career technical coursework.

To earn or qualify for college credit students must meet specific criteria and attend the college granting the credits. Most colleges offer articulated credits for free.

Listed below, are the colleges and Tri Star programs with which Tri Star students have been able to earn college credit. The number of credit hours a student may earn are determined by the college.

Articulation agreements are subject to change without notice.



EDISON STATE COMMUNITY COLLEGE

1973 Edison Dr, Piqua, OH 45356

Website: <https://www.edisonohio.edu/Piqua-Campus/>

- R.E.C. Tech

JAMES A. RHODES STATE COLLEGE

4240 Campus Drive, Lima, OH 45804

Website: <https://www.rhodesstate.edu/>

- Engineering Technology
 - Interactive Media
 - Med Prep
 - Precision Machining
 - R.E.C. Tech (for Electronics)
- * I.T./Cybersecurity: pending approval

UNIVERSAL TECHNICAL INSTITUTE (UTI)

220 Byers Creek Road, Mooresville, NC 28117

Website: <https://www.uti.edu/>

- Automotive Technology - Transfer credit, advanced placement and tuition reduction

UNIVERSITY OF NORTHWESTERN OHIO

1441 N. Cable Rd., Lima, OH 45805

Website: <https://www.unoh.edu/>

- Ag. Industrial Technology (provisional)

continued

R.E.C. TECH

(Robotic, Electronic and Computer Technologies)



CLASS TIMES:

Junior Level - 7:30 to 10:20

Senior Level - 11:45 to 2:20

CREDITS:

Three credits for each year successfully completed.



R.E.C. Tech is a two-year STEM program in which students receive a strong background in electronics/electrical systems, mobile and industrial robotics, and computer systems and basic networking. Students will study FANUC robots and the basic of iRVision applications on FANUCs, PLCs (Programmable Logic Controllers), and will learn to program microcontrollers such as basic stamps, Raspberry Pi, PICs and Arduino. Seniors will have the opportunity to build a computer and configure networks.

Students can test for ISCET certification in AC/DC, Semiconductors, Digital & Computer Technology and for FANUC industrial robotics certification. REC Tech prepares students to enter a two or four year postsecondary education program or go directly into the job market.

Qualifying seniors may participate in the early job placement program. See pages 9-10 for ways in which qualifying students may earn college credit at Rhodes State College, the University of Northwestern Ohio, and Wright State University - Lake Campus through articulations and CTAVs.

CAREER OPPORTUNITIES:

- Industrial Robotics and Automation Technician
- Electronic Lab Technician
- Computer or Network Technician
- Engineering Technician
- Industrial Robotics Repairer
- Electronic/Electrical Sales Representative
- Data Network/Telephone/Security System Installer
- FANUC Operator or Maintenance
- Audio Equipment Repairer/Installer
- Industrial Robotics Programmer
- Electrical Engineer

TO PREPARE FOR THIS CLASS: Take Algebra I, a computer applications course, and an industrial technology course that includes basic drawing or a CAD course.

PRECISION MACHINING



CLASS TIMES:

- Junior Level - 7:30 to 10:20
- Senior Level - 11:45 to 2:20

CREDITS:

Three credits for each year successfully completed.

Precision Machining is a process that takes raw material, often metal or plastic, and transforms it into a precision part or tool that helps make the things we use in everyday life. If you've ever used a nail file, flown in an airplane, or jotted down notes with a pen, you can probably thank a machinist for it. Students will learn how to operate modern metal working machine tools such as lathes, mills, drills, and grinders, and computer numerical controlled and programmable equipment in this program. They gain the necessary experience they need to start a career in this in-demand career field. Students will have the opportunity to test for OSHA-10 certification.

Qualifying seniors may participate in the early job placement program. See pages 9-10 for ways in which qualifying students may earn college credit at Rhodes State College through articulation agreements.

CAREER OPPORTUNITIES:

- CNC Operator/Machinist
- CAD/CAM Operator
- Manufacturing Technician
- Machinist
- Lathe Operator
- Drill Press Operator
- Programmer
- Engineering Technician

TO PREPARE FOR THIS CLASS: Take industrial technology classes (especially in the metals area) and as many math classes as possible.

- Automotive Technology (provisional)
- Interactive Media
- Med Prep
- R.E.C. Tech

WRIGHT STATE UNIVERSITY - Lake Campus

7600 State Route 703, Celina, OH 45822

Website: <https://lake.wright.edu/>

- Animal Health
- Interactive Media
- Graphic Communications



• CTAV •

CAREER TECHNICAL ARTICULATION VERIFICATION

Career Technical Credit Transfer (CT2)

Students who demonstrate proficiency in a career technical program can earn college credit with the help of **CTAVs** or Career-Technical Articulation Verification. CTAVs allow career technical students to have the applicable credits they have earned through their career technical program, transferred to an Ohio public college or university. Students must meet specified requirements and successfully complete specified career technical programs to be eligible. **Students must enroll in a career technical program in which the curriculum is aligned to the expectation of a like college course.** For more information on **CTAVs** please go to the following link: <https://www.ohiohighered.org/transfer/ct2>

The following programs at Tri Star offer **CTAV** credits:

- | | |
|-------------------------------------|------------------------------------|
| AG. INDUSTRIAL TECH. (1 course) | GRAPHIC COMMUNICATIONS (1 courses) |
| • Hydraulics and Pneumatics Systems | • Vector Graphics |
| ANIMAL HEALTH (1 course) | INTERACTIVE MEDIA (4 courses) |
| • Introduction to Animal Science | • 2D Animation |
| AUTO TECH (4 courses) | • Raster Graphics |
| • Brakes | • Electronic Publishing |
| • Electrical/Electronic Systems | • Internet & Web Languages |
| • Engine Performance | MED PREP (1 course) |
| • Suspension & Steering | • Medical Terminology |
| ENGINEERING TECHNOLOGY (3 courses) | REC TECH (1 course) |
| • Introduction to Engineering | • Digital electronics |
| • Digital Electronics | |
| • Engineering Graphics | |

PLEASE NOTE: CTAV courses are subject to change without notice.

COLLEGE CREDIT PLUS (CCP)

In the state of Ohio, College Credit Plus or CCP is a dual enrollment program whereby students in grades 7-12 have the opportunity to earn both high school and college credits at the same time by taking a college course. The course can be taught by a qualified teacher at the high school or at the college and there is no cost, or limited cost, to the student. Tri Star's I.T. Cybersecurity program is the only CCP approved program at Tri Star.

STEM PROGRAMS

Science, Technology, Engineering and Math

STEM Programs are part of an initiative in which curriculum for classes is based on scientific inquiry and technological design. STEM classes emphasize personalized learning and teamwork skills and exposes students to advanced mathematical and technical scientific concepts within and outside the classroom. Tri Star's STEM programs are marked with the STEM symbol.



STEM FOCUSES ON:

- Math and science skills that are needed for college and in the workplace.
- Project-based learning with an emphasis on critical thinking and problem-solving.
- Providing opportunities to gain knowledge and skills in high demand careers.



OHIO COLLEGE TECH PREP

The Ohio College Tech Prep (or Technology Preparation) program was launched in 1991. Tech Prep's purpose is to help students experience a seamless transition from high school into a post-secondary option. Tri Star's Tech Prep initiative is currently coordinated through the Ohio College Tech Prep - West Region, one of six such centers in Ohio. Regional centers serve as the liaison between the secondary and post secondary partners working to provide services for all career technical education students.

All career technical programs offered by Tri Star are Ohio College Tech Prep, with the exception of Career Based Intervention. Students benefit by: getting a head start on college, helping to ease the college financial burden by providing qualifying students the opportunity to earn college credits and by providing scholarship money and helping prepare students for a high skill, high demand career. For more about Tech Prep, go to:

www.techprephio.org or www.techprepnwo.org

NOTE: *Students, who are considering attending college after high school graduation, should take as many high level math and science classes as possible in order to be well prepared for college.*

MED PREP



CLASS TIMES:

Junior Level - 7:30 to 10:20

Senior Level - 11:45 to 2:20

CREDITS:

Three credits for each year successfully completed.
(Some high schools award a science credit for anatomy and physiology.)



Med Prep is a two-year college prep program in which students gain knowledge and experience in the medical professions through hands-on classroom work and observation at area health care facilities during both the junior and senior years. Areas of study include anatomy, physiology and pathophysiology, phlebotomy, medical terminology/abbreviations, human growth and development, first aid, CPR, and professional ethics. Students learn to use various types of medical equipment and can earn STNA certification in this STEM program.

See pages 9-10 for ways in which qualifying students may earn college credit at Rhodes State College, The University of Northwestern Ohio or Wright State University - Lake Campus (WSU-LC waives STNA) through articulation agreements and CTAVs.



CAREER OPPORTUNITIES:

- Registered Nurse
- Radiology Technologist
- Medical Assistant
- Dental Hygienist
- Respiratory Therapist
- Emergency Medical Technician
- Home Health Aide
- Nurse Practitioner
- Occupational Therapist Assistant
- Physical Therapist Assistant
- Dietician/Dietetic Technician
- Licensed Practical Nurse or STNA
- Phlebotomist
- Pharmacy Technician
- Doctor/Physician's Assistant
- Clinical Laboratory Technologist

TO PREPARE FOR THIS CLASS: Take Biology I, Math, Algebra I and II, Geometry (required for X-ray) and 1/2 credit of computers.

MARKETING EDUCATION



LOCATION:

St. Marys Memorial High School

CLASS TIMES:

Changes yearly, check with St. Marys Schools for exact time.

CREDITS:

1 credit for each year successfully completed
2 additional credits for Work Internship (optional for Juniors and Seniors).

Marketing, a three-year program, is for students interested in marketing, management, hospitality, and tourism. The sophomore level is spent in the classroom learning the principles of marketing. During the junior and senior years, students have the opportunity to work a marketing related internship for additional course credits. Classroom studies include advertising, merchandising, selling, and job search and retention.

This program is best suited for students in the St. Marys School District due to travel requirements and amount of time in class however, students from other districts will be considered if there are no scheduling conflicts. DECA membership is mandatory with this program.

CAREER OPPORTUNITIES:

- Public Relations Specialist
- Real Estate Broker
- Sports Manager
- Salesperson
- Entry-level positions or higher management positions in hotels, retail stores, or restaurants
- Pharmaceutical Retailer
- Product Buyer
- Entrepreneur
- Advertising Producer

TO PREPARE FOR THIS CLASS: Take business courses.

PROGRAMS

PROGRAM NOTES:

▷ **LOCATION:** All programs are held at the new Tri Star building at 7655 S.R. 703, Celina unless otherwise noted.

▷ **CLASS TIMES:** *Class times are subject to change.* The times listed with each program are close estimates of when the class will be offered.

▷ **ADMISSION:** **Students** who apply for admission to Tri Star **must have accumulated nine (9) credit hours by the end of the sophomore year** to be accepted into a program.

Tri Star Career Compact admits students without regard to sex, race, creed, national origin or handicap, but may [limit admission] due to the space and facilities available.

▷ **CAREERS:** The career opportunities listed for each program do not include all possible careers. Some careers listed, will require additional education and/or training beyond high school.



We have made our best effort to provide accurate information on the pages of this catalog, however, we may have missed some errors and some information is subject to change without prior notice. We apologize for any misunderstanding this may cause.

AGRICULTURAL INDUSTRIAL TECH



CLASS TIMES:

Junior Level - 7:30 to 10:20

Senior Level - 11:45 to 2:20

CREDITS:

Three credits for each year successfully completed.

Agricultural Industrial Technology is a two-year STEM program that trains students to troubleshoot agricultural equipment as well as introduces them to the business end of the servicing industry. Students receive forklift training and work on a Commercial Drivers License (CDL). Students also compete against other schools in FFA competitions for prizes and scholarships.

Students have the opportunity to earn industry credentials in this class including Forklift Operation, OSHA-10, Snap On Multimeter Certification, and the UEDA (United Equipment Dealers Association) Technician Credential (12 pts.). Qualifying seniors may participate in a capstone project.

See pages 9-10 for ways in which qualifying students may earn college credit at The University of Northwestern Ohio **through articulation agreements and CTAVs.**

CAREER OPPORTUNITIES:

- Agricultural Service Technician
- Industrial Technician
- Farm Equipment Repair
- Small Engine Repair and Maintenance
- Off-Road Heavy Equipment Repair
- Power Sport Equipment Repair
- General Maintenance Technician
- Truck repair and maintenance

TO PREPARE FOR THIS CLASS: Agricultural related classes would be helpful. An industrial technology background and an interest in motors/vehicles is great too.

INTERACTIVE MEDIA



CLASS TIMES:

Junior Level - 7:30 to 10:20

Senior Level - 11:45 to 2:20

CREDITS:

Three credits for each year successfully completed.

Interactive Media ... Are you creative? Do you like to work with the latest technology? In this two-year STEM program students create multi-media productions such as videos, motion graphics, 3D modeling, animation, podcasts, and websites. They work in the Adobe Creative Cloud programs for photo editing and graphic design to integrate into their projects. Students get hands-on experience using video cameras, microphones, and OBS software while creating video productions in the program's new sound booth and green screen/studio. They learn about marketing strategies and social media management plus those who are interested in programming will have an opportunity to learn the basics!

Students prepare for Adobe certifications in AfterEffects, Animate, Dreamweaver, Illustrator, InDesign, Photoshop, and Premiere Pro.

See pages 9-10 for ways in which qualifying students may earn transcribed college credit for up to four college courses through CTAVs at public universities in Ohio.

CAREER OPPORTUNITIES:

- Digital Designer
- Animator
- Audio/Video Assistant
- Web Page Designer
- Graphics Presentations Specialist
- Web Developer
- Advertising Designer
- Imaging Specialist
- Multimedia Technician
- Podcaster
- Programmer
- Advertising Designer
- Video Editor

TO PREPARE FOR THIS CLASS: An interest in art, design, and digital technology is a plus.

NEW! I.T./ CYBERSECURITY



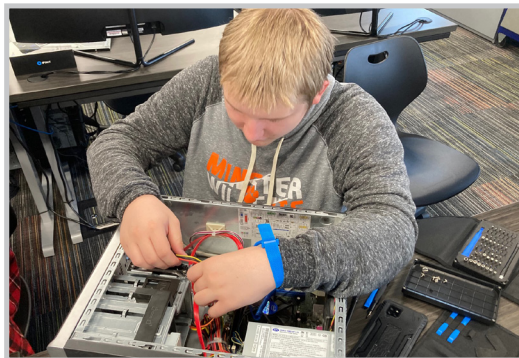
CLASS TIMES:

Junior Level - 7:30 to 10:20

Senior Level - 11:45 to 2:20

CREDITS:

Three credits for each year successfully completed.



Information Technology/Cybersecurity students will train in the fundamentals of computer networking and the use of cybersecurity components to detect, mitigate, and protect against vulnerabilities and attacks of information technology systems. Areas of study will include information technology, networking/network security, cybersecurity, and cybersecurity defense and reinforcement, cryptography, and digital forensics. Jobs can be found just about everywhere computers are in use including healthcare companies, corporations, banks, airports, local, state and federal government, businesses and insurance companies.

Students prepare for CompTIA A+, CompTIA Security +, and CompTIA Network + certifications in this program. I.T. Cybersecurity is a STEM program.

Qualifying seniors may participate in early job placement. See pages 9 and 10 for ways in which qualifying students may earn college credit through articulation agreements, CTAVs, or as a CCP (College Credit Plus) program.

CAREER OPPORTUNITIES:

- Network Security Officer
- I.T. Coordinator
- Computer Technician
- Network Engineer
- Computer Scientist
- Help Desk Specialist/Technician
- Ethical hacker
- Network Analyst/Administrator
- Digital Recovery Analyst
- Support Specialist
- Field Service Technician
- School Technology Coordinator
- Cryptanalyst

TO PREPARE FOR THIS CLASS: Start with classes in computer literacy or keyboarding. Additional computer classes, especially Microsoft Office would be helpful..

ANIMAL HEALTH



CLASS TIMES:

Junior Level - 7:30 to 10:20

Senior Level - 11:45 to 2:20

CREDITS:

Three credits for each year successfully completed.



Animal Health is a two-year STEM program which provides training in the field of animal science, veterinary medicine and the animal industry. Students study animal health, nutrition and behavior, anatomy and physiology, medical terminology, medical conditions and diseases, safety and sanitation, grooming and handling. They learn to assist with physical and clinical exams, hospital and laboratory procedures and minor surgery. The class will also include office or business management skills in maintaining records, inventory, pharmaceuticals and equipment and supplies.

Qualifying seniors may participate in a capstone project. See pages 9 and 10 for ways in which qualifying students may earn college credit at Wright State University - Lake Campus or other public universities through CTAVs.

CAREER OPPORTUNITIES:

- Veterinarian/Veterinary Technologist
- Research Laboratory Assistant
- Surgical Technologist
- Kennel Attendant/Manager
- Veterinary Receptionist/Office Manager
- Animal Control Officer
- Zoo Keeper
- Animal Scientist
- Obedience Instructor/Aide
- Medical Laboratory Assistant

TO PREPARE FOR THIS CLASS: Students are required to successfully complete a biology class prior to or during the junior year. It is also helpful to take as many math and science classes as possible plus agricultural related classes.

AUTOMOTIVE TECHNOLOGY



CLASS TIMES:

Junior Level - 7:30 to 10:20
Senior Level - 11:45 to 2:20

CREDITS:

Three credits for each year successfully completed.

Auto Tech is a two-year NATEF/ASE certified program which covers the diagnosis, repair, and maintenance of cars, trucks and other vehicles. Junior students develop skills through hands-on experience with gasoline combustion engines, automotive service and brake work.

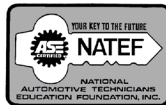
Seniors study automotive technology in greater depth including servicing electrical systems, engine performance, suspension and steering and heating and air conditioning. They can earn ASE Student Certifications in five (5) of eight ASE auto areas. Automotive Technology is a STEM program.

Qualifying seniors may participate in early job placement. See pages 9 and 10 for ways in which qualifying students may earn college credit at The University of Northwestern Ohio or Universal Technical Institute through articulation agreements.



CAREER OPPORTUNITIES:

- Automotive, Truck, Motorcycle or Small Engine Technician
- Service: Manager, Writer or Advisor
- Shop Owner or Foreman
- Parts Specialist or Parts Store Employee



TO PREPARE FOR THIS CLASS: Math, science and communication classes would be very helpful. An industrial technology background and an interest in motors/vehicles is great too.

GRAPHIC COMMUNICATIONS



CLASS TIMES:

Junior Level - 7:30 to 10:20
Senior Level - 11:45 to 2:20

CREDITS:

Three credits for each year successfully completed.



Graphic Communications is a two-year program in which students develop the technical and creative skills necessary to compete in today's technology-driven and fast-paced multibillion-dollar creative and print industry. Class projects utilize real-world scenarios and provide hands-on experience with the latest Adobe products taking design concepts all the way through to production. Students create a portfolio of their work to showcase their skills for employment or college interviews.

Qualifying seniors may participate in early job placement. See pages 9 and 10 for ways in which qualifying students may earn college credit at Wright State University - Lake Campus through CTAVs.



CAREER OPPORTUNITIES:

- Graphic Designer
- Brand or Logo Designer
- Illustrator
- Commercial Photographer
- Marketing Manager
- Social Media Manager
- Creative Director
- Product/Package Designer
- Traditional or Digital Printer
- Website/UX/App Designer
- Copywriter
- Environmental Designer

TO PREPARE FOR THIS CLASS: Take classes in communications as well as basic computer literacy classes. Creative thinking, problem solving and communications skills are important and an interest in art or photography is helpful.

ENGINEERING TECHNOLOGY



CLASS TIMES:

7:30 to 10:20

CREDITS:

Three credits for successfully completing the year.

Engineering Technology is a two-year STEM program. Classwork consists of manual sketching, problem solving, and drawing on the Computer Assisted Drafting (CAD) system using AutoCAD-mechanical, Inventor Solid Modeling software, Revit, and Corel DRAW. Students study basic electrical and circuit design, Arduino programming, and how to use 3-D printers and an Epilog laser engraver. In collaboration with other programs, students learn basic welding skills, Torchmate software, and how to operate a computer controlled plasma cutter. During the second year students complete a capstone project and have the opportunity to participate in work study in which they work directly with an engineer. Engineering Technology is a STEM program.

See pages 9 and 10 for ways in which qualifying students may earn college credit at at Rhodes State College, Wright State University - Lake Campus and other public colleges/universities through CTAVs.

CAREER OPPORTUNITIES:

- Engineering Technician
- CAD Technician
- Civil Engineer
- Mechanical Engineer
- Industrial Engineer
- Electrical Engineer
- Design Engineering Technician
- Manufacturing Engineer

TO PREPARE FOR THIS CLASS: Take three math classes (one must be geometry). Classes in computer literacy and mechanical drawing will also be helpful.



CAREER BASED INTERVENTION/P3

LOCATIONS:

- Tri Star Career Compact - P3 only
- Celina High School - CBI/P3
- St. Marys Memorial High School - CBI only

CLASS TIMES:

Varies: Check with the school for specific times.

CREDITS:

Three credits for each year successfully completed.



Career Based Intervention/P3 (CBI) is a work study program that provides students with the opportunity to attend core classes at their home school as well as CBI class and includes the possibility of early release for their CBI work experience. The work experience component offers students the ability to attend school ½ day and work ½ day and receive credit for both.

CBI students are introduced to the growing needs of the local workforce while attaining critical financial planning skills that they will need for life. Students also get a chance to develop valuable soft skills that they often use in the workforce. Students may enroll in the program as a junior and/or senior.

P3 or Personalized Professional Pathway is a similar work release program with slightly different parameters.

CAREER OPPORTUNITIES:

- Varies based on interest -
- Customer service
 - Production/assembly
 - Welder
 - Public employee (county highway)
 - Machining
 - Restaurant work
 - Logistics
 - Entrepreneur
 - Nursing
 - Construction
 - Agriculture laborer
 - Military
 - Nursery/landscaper

FOR THIS CLASS: YOU MUST be 16 years of age or older and employable.

CONSTRUCTION



CLASS TIMES:

Junior Level - 7:30 to 10:20

Senior Level - 11:45 to 2:20

CREDITS:

Three credits for each year successfully completed.

Construction is a two-year program which covers all aspects of the construction industry including: safety procedures, building codes, practical math, carpentry, interior finishing, framing, roofing, plumbing and heating, electricity, house wiring, concrete work, masonry, use of hand and power tools, techniques of home design and building materials - differences and costs

The first year is spent introducing students to the basic fundamentals of construction through a variety of hands-on experiences.

Senior students gain practical, real-world experience applying the skills they have learned by constructing a single-family home, from foundation to finish, which is sold at auction each spring.

Qualifying seniors may participate in early job placement.

CAREER OPPORTUNITIES:

- Construction laborer
- Masonry worker
- Carpenter
- Woodworker
- General Contractor
- Equipment Operator
- HVAC Technician
- Plumber
- Electrician
- Flooring installer
- Construction Management
- Landscaper

TO PREPARE FOR THIS CLASS: A strong background in industrial technology including a drafting class is helpful.

EARLY CHILDHOOD EDUCATION TEACHER EDUCATION



CLASS TIMES:

Junior Level - 7:30 to 10:20

Senior Level - 11:45 to 2:20

CREDITS:

Three credits for each year successfully completed.

Early Childhood Education/Teacher Education students study children of various ages and abilities, how they learn, and how to plan appropriate activities. Classwork includes developing and writing lesson plans and learning objectives, developing and making learning games and toys, developing guidance and discipline techniques, providing inclusion for children with special needs, and encouraging play, exploration, and learning. Students utilize the Ohio Early Learning Content Standards and they have the opportunity to observe/work at various job sites to gain practical experience in teaching young children.

Students accepted into the program are required to have a background check, a physical, and must be fingerprinted.

Qualifying seniors may participate in early job placement.

CAREER OPPORTUNITIES:

- Elementary Teacher
- Social Service Worker
- Special Needs Teacher
- Elementary Teacher's Aide
- Child Care Center Director
- Preschool Aide
- Nanny
- Day Care Center Teacher
- Middle/High School Teacher
- Preschool Teacher/Director

TO PREPARE FOR THIS CLASS: Early childhood education classes would be helpful. Students should be able to read and write, at the minimum, a 5th grade level.