WHAT DO VOUS WANT TO BE

OZARKS TECHNICAL COMMUNITY COLLEGE



ARE YOU COLLEGE READY? CAREER READY?

Get a head start with OTC's Career Center. You can earn college credit in specialized career and technical programs while working toward your high school diploma.

That's right. High school juniors and seniors can **earn an average of 32 college credits** before graduating from high school.

At that rate, you can be one year into a college degree program by the time you receive your high school diploma.

As a student at the OTC Career Center, you will:

- Learn in a hands-on environment from instructors with real-world experience.
- Interact with like-minded students who share your future career interests.
- Earn credits toward a two-or four-year degree (and, in some programs, a Certificate of Achievement, too)!

OZARKS TECHNICAL COMMUNITY COLLEGE

Career Center

SO WHAT ARE YOU WAITING FOR?

Check out our programs below and find a career path that speaks to you.

- Agriculture
- Auto Collision Repair Technology
- Automotive Technology
- Computer Information Science
- Construction Technology
- Culinary Arts
- Diesel Technology
- Drafting and Design Technology
- Early Childhood Development

- Electronic Media Production
- Fire Science Technology
- Graphic Design Technology
- Health Sciences
- Heating, Refrigeration and Air Conditioning
- Industrial Maintenance Technology
- Machine Tool Technology
- Networking Technology
- Welding Technology

Electrical Trades

HOW DOES THIS PROGRAM WORK WITH MY HIGH SCHOOL SCHEDULE?

It's easy. You'll spend half of your school day at your high school and the other half at OTC's Springfield campus. Classes meet Monday through Friday and follow OTC's academic calendar schedule. Morning sessions begin at 8 a.m. and end at 10:30 a.m. Afternoon sessions begin at 12:20 p.m. and end at 2:50 p.m.

At the Career Center, you'll learn side-by-side with college students using state-of-theart equipment under the instruction of the area's top career and technical educators. Your tuition is paid for by your school district and does not use A+ Scholarship funds.

SO WHAT WILL IT COST ME?

Not much, and in most cases, nothing at all. Your tuition, as well as your transportation to and from classes, is taken care of by your school district, and we'll loan your books to you free of charge.

PARTICIPATING SCHOOL DISTRICTS

- Ash Grove R-IV
- Bolivar R-I
- Clever R-V
- Everton R-III
- Fair Grove R-X
- Fordland R-III

- Logan-Rogersville R-VIII
 Sparta R-III
- Marion C. Early R-V
 Springfield R-XII
- Nixa R-II
- Pleasant Hope R-VI
- Republic R-III
- Seymour R-II

- Strafford R-VI
- Walnut Grove R-V
 - Willard R-II

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AUTO COLLISION REPAIR (ABR)

From dent repair to airbrushing, welding and feather edging, you'll learn from ASE-and I-Car-Certified instructors in OTC's Auto Collision Repair program.

- Estimate auto repair work on damaged vehicles.
- Repair metal panels using body hammers, dollies and paintless dent repair techniques.
- Amp up a car's exterior through airbrushing, decals and automotive art that blends with a vehicle's original finish.

Gaining these skills will help you land a job in body shops, car dealerships, upholstery shops or glass repair shops. You'll also have the skills needed to work for paint and equipment manufacturers, as well as distributors and insurance companies.



LIKE TO MAKE THINGS NEW AGAIN?

Employment is projected to **grow 9 percent** from 2014 to 2024, faster than the average for all occupations.

Job opportunities should be very good for job seekers with industry certification and formal training in automotive body repair.



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AUTOMOTIVE TECHNOLOGY (AUM)

As a student in our Automotive Technology program, you'll learn how to use high-tech diagnostic and repair equipment to keep vehicles running smoothly.

- Perform crucial preventative maintenance and repairs on automobiles and light trucks to maintain peak efficiency and performance.
- Diagnose and determine the condition of engine performance systems, computer control systems, mechanical systems, electrical systems, braking systems and suspension systems.
- Repair or replace essential vehicle components including: engines, brakes, suspensions, computer controls and electrical accessories.

Your future job opportunities include becoming a master-level diagnostic technician, an automotive electronics installation technician, a service advisor or manager, or an engine rebuilding technician.

DID YOU KNOW...

Employment of automotive service technicians and mechanics is projected to **grow 5 percent** from 2014 to 2024.

Last year, there were **more than 739,000** automotive service technicians nationwide.



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DIESEL TECHNOLOGY (DSL)

As a student in our Diesel Technology program, you'll learn how to use the latest diagnostic and repair equipment to keep today's powerful diesel engines and equipment working hard.

- Perform critical preventative maintenance and repairs to maintain peak efficiency and performance on diesel-powered pick-ups, semi-trucks and heavy equipment.
- Diagnose and determine the condition of high-torque diesel engine performance and mechanical systems, high-voltage electrical systems, and heavy-duty braking and suspension systems.
- Repair or replace essential heavy-duty components including diesel engines, transmissions, brakes, suspensions and electrical accessories.

The high-demand diesel maintenance and repair field has many future career opportunities available. You could become a master-level diagnostic technician, a steering and suspension technician, a heavy-duty drive train technician, a fleet technician, an engine rebuilding technician, or a service advisor or manager.

PROJECTED JOB GROWTH 12% in the next 10 years

(11)

(22)

(33)

SkillsUSA

(22)

DID YOU KNOW...

There are **more than 263,000 diesel mechanics** and service technicians employed nationwide.

Employment of diesel service technicians and mechanics is projected to **grow 12 percent** from 2014 to 2024, faster than the average for all occupations.

You can expect to make an average of \$43,000/year.*

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WELDING TECHNOLOGY (WLD)

Looking for a hands-on career that combines math, science, art...and torches? Your future in our Welding Technology program can lead to a diverse career, including automotive repair or industrial design.

- Cut and separate metal with industry-standard tools.
- Practice welding carbon steel plates, aluminum and stainless steel.
- Use super-heated gasses to precision cut steel plates and pipes.
- Interpret blueprints and welding symbols.

Welding Technology courses can lead to a career as an industrial welder, welding inspector, welding equipment salesperson, or a self-employed business owner.

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DO YOU LIKE SPARKS?

Employment of welders, cutters, solderers and brazers is projected to **grow 4 percent** from 2014 to 2024.

You can expect to make an average of \$37,000/year.*

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HEATING REFRIGERATION AND AIR CONDITIONING(HRA)

We depend on heating and cooling systems every day, and they can undergo a lot of wear and tear in a lifetime. Through our Heating, Refrigeration and Air Conditioning program, you'll learn how to install, repair and maintain the systems that keep our homes, buildings and vehicles running smoothly.

- Assess the refrigeration cycle and its components.
- Read and interpret electrical diagrams.
- Diagnose and repair faults in electrical control systems.

With additional training, you could become a repair technician, installer, estimator, heating and air conditioning salesperson, energy management technician, heating and air technician, electrical assistant or HVAC maintenance technician.

DID YOU KNOW...

Employment of heating, air conditioning, and refrigeration mechanics and installers is projected to **grow 14 percent** from 2014 to 2024, much faster than the average for all occupations.

Nationwide, there were more than 292,000 repair technicians employed in 2014.

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ELECTRONIC MEDIA PRODUCTION (EMP)

Jump into the world of video and audio production. Our state-of-the-art studios, cameras and multi-media software will help you prepare for a career in the creative arts.

- Produce and edit digital video.
- Create content for film, television, radio and podcasts.
- Design 3-D animations and video games.

With additional training, you could become a television or radio producer, video editor, videographer, 3-D animation artist, production assistant or audio technician.

DO YOU LIKE TO SEE THINGS BEHIND A LENS?

Careers in Electronic Media Production are highly competitive.

There were nearly **59,000 video** editors and camera operators in 2014.

Projected job growth is expected to be around 11% between 2014 and 2024.



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DRAFTING and DESIGN TECHNOLOGY (ddt)

In our Drafting and Design Technology program, you'll work with high-tech computer design tools to unlock the world of engineering, architecture, civil design and 3-D design.

- Discover how the design method is used in every industry from manufacturing to construction to architecture.
- Prepare technical, engineering and architectural drawings and plans with high-tech tools and software.
- Design and create prototype models and "print" them using the latest 3D printing technology.

Working toward an associate degree in drafting and design technology can lead to careers in computer-aided design technology, architectural drafting, civil design technology or land surveying.



DID YOU KNOW..

Most drafters hold certificates or associate degrees in drafting.

Competition for jobs is expected to be strong.

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GRAPHIC DESIGN TECHNOLOGY (GDT)

Through our Graphic Design Technology program, you'll combine creativity and technology to master the field of visual communication.

- Combine imagery and typography using graphic design concepts and
 industry-standard digital software to create commercial art for print and web.
- Create graphics for product and publication illustrations, business logos and identity systems.
- Design and construct websites that engage, communicate and navigate with clear intent.
- Compile and arrange a graphic design portfolio composed of your outstanding work as a powerful job-hunting tool!

With additional training, you could become a graphic designer, publisher, illustrator, screen printer, sign maker, animator or web designer.

Another option? Photography courses. Discover lighting techniques, portrait and product photography, as well as the tools you'll need to succeed in the photography business.



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ARE YOU ARTISTIC?

Graphic designers are expected to **face strong competition** for available positions.

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NETWORKING TECHNOLOGY (NET)

How are your technology and communication skills? Are you a good problem solver or troubleshooter? Put your high-tech skills to work in OTC's Networking Technology Program.

- Explore basic computer hardware, software, networking concepts and technology.
- Prepare, maintain and update computer systems for server use.
- Make and install cabling to create a network installation.
- Prepare for major information technology certifications through Cisco and CompTIA.

With additional training, your future job opportunities include a systems administrator, network security specialist, help desk or support technician, or a transmission media specialist.

DID YOU KNOW...

Demand for information technology workers is high and should continue to grow as firms invest in newer, faster technology and mobile networks.

Projected job growth is expected to be around 8% between 2014 and 2024.



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CONSTRUCTION TECHNOLOGY (CST)

Grab your hard hat and jump into the world of residential and commercial building construction. Our classroom labs feature the latest equipment to help you learn the tools of the trade.

- Build the floor system, walls and ceilings of a typical residential home or light commercial building.
- Explore the craft of cabinetry by building cabinet boxes, face frames, drawers and doors.
- Estimate a job requiring concrete, create the form, and then place and pour.
- Install the elements (siding, roofing, etc.) that make a home snug and create curb appeal.

With additional training, you could become a residential and commercial framer, finish carpenter, sub-contractor, union carpenter or cabinet maker.

DO YOU LOVE TO BUILD?

The construction industry **employs about ten million workers** in the U.S.

Construction Technology jobs are **projected to grow faster** than average – anywhere from 9–13 percent from 2014-2024.



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INDUSTRIAL MAINTENANCE TECHNOLOGY (IMT)

In our Industrial Maintenance Technology program, you'll learn how to repair pumps, motors, engines and conveyor belts, and keep them in good working order.

- Install and operate production machinery.
- Troubleshoot, repair and maintain automated systems.
- Experience the manufacturing and industrial processes within places like, hospitals, hotels, public utilities and schools.
- Build generators to harness wind and solar power the power sources of the future!

Gaining these skills will help you become a plant operator, manufacturing line installer, programmable logic controller, industrial mechanic or robotics technician.

PROJECTED JOB GROWTH 16%

in the next 10 years – faster than all other occupations.

DID YOU KNOW...

There were more than 464,000 industrial mechanics employed nationwide in 2014.

You can expect to make an average of \$47,000 per year.*

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ELECTRICAL TRADES (ELC)

Are you a problem solver? A troubleshooter? Our Electrical Trades program will help you develop the skills and training needed to become an electrician.

- · Assess wiring methods and techniques that simulate real-world job conditions.
- Troubleshoot and repair AC and DC circuits.
- Assemble and replace transformers, motors, magnetic starters, timers and relays.

Gaining these skills will help you land jobs in construction wiring, industrial maintenance, sales, and electric utilities.

DID YOU KNOW...

Nationwide, there were more than 628,000 electrician-related jobs in 2014.

Employment of electricians is projected to **grow 14 percent** from 2014 to 2024, much faster than the average for all occupations.



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MACHINE TOOL TECHNOLOGY (MTT)

Just about every part of modern life is impacted by machine tool technology. Machinists make parts for NASCAR motors, fighter jet engines, guitars and everything in between. In OTC's Machine Tool Technology program, you'll design metal parts and operate the machines that fabricate them.

- Program and operate machines such as lathes, drill presses, mills and various saws to create simple tools and parts to complex machines.
- Find out about the physical and chemical behavior of different metals and how they are used in manufacturing.
- Put your blueprints to the test when you create and fabricate your own designs!

With additional training, you could become a machinist, computer numeric control programmer, machine maintenance specialist, mold maker or a machine shop owner.



DID YOU KNOW...

Employment of machinists and tool and die makers is **projected to grow 6 percent** from 2014 to 2024, about as fast as the average for all occupations. AND AT A AT A AT

Workers familiar with computer software applications and who can perform multiple tasks in a machine shop will have the best job opportunities.

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FIRE SCIENCE TECHNOLOGY (FST)

Do you have the desire to meaningfully serve your neighbors and community in their times of greatest need? If the answer is yes, then consider preparing yourself for a firefighting career through our hands-on Fire Science Technology program. You'll prepareto become certified in the fields of firefighting and emergency response.

- Analyze emergency situations and make risk assessments
- Apply fire protection practices and strategies to various scenarios.
- Extinguish fires with different extinguishing agents.
- Practice extricating "victims" from damaged vehicles, experience fire behavior up close in the flashover chamber and try out your skills on controlled burns.

Gaining these skills will help you become a firefighter, fire inspector, fire instructor, fire investigator or fire protection systems installer.

DID YOU KNOW...

There were more than 327,000 firefighters employed nationwide in 2014.

You can expect to make an average of \$45,000 per year.*

PROJECTED JOB GROWTH

% in the next 10 years

FIRENADSX

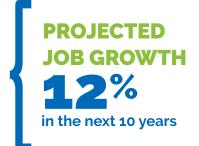
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COMPUTER INFORMATION SCIENCE (CIS)

Are you tech minded? Goal oriented? A problem solver? Put your skills to work in OTC's Computer Information Science program.

- Program robots to perform tasks, solve puzzles and win races.
- Design artificial intelligence
- Create functional and responsive websites.
- Think through a problem and then build software to solve it.

Gaining these skills will put you on track to become a software developer, web developer, database technician, systems analyst or game software developer.



ROBOTS?

You can expect to make an average of \$50,000 per year.*

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AGRICULTURE: TURF AND LANDSCAPE MANAGEMENT (AGR)

Put your green thumb to work! Learn the ins and outs of sports turf management, golf course greenskeeping, municipal horticulture, lawn care, and landscape design and construction through OTC's Turf and Landscape Management program.

- · Design eye-catching landscapes and learn how to make money doing it!
- Feel the horsepower at your fingertips as you operate commercial mowing and landscaping equipment.
- Get outdoors, explore the urban landscape, and identify trees, shrubs and flowers that work well in landscape designs.
- · Plant and tend seedlings to maturity in the greenhouse.

Your future job opportunities include an assistant grounds or golf course superintendent, sports turf manager, groundskeeper, irrigation specialist, chemical technician or landscape construction supervisor.

Another option? Animal Science. This one-year program is specially designed for students planning to transfer to a university to complete a four-year degree in Animal Science.



DO YOU HAVE A GREEN THUMB?

Many grounds maintenance jobs are seasonal, available mainly in the spring, summer and fall.

You can expect to make an average of \$24,000 per year.*

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HEALTH SCIENCES (HLT)

Find a health-related occupation that speaks to you through hands-on demonstrations and clinical experience. Second-year students can earn certification in Nurse Assisting that will prepare them for the workforce as a healthcare provider.

- Explore the roles and functions of health care professionals.
- Perform procedures and tasks common to multiple health care disciplines.
- Provide patient care based on an understanding of human life stages and basic human needs.
- Compete with other Health Sciences students in SkillsUSA a career and technical student organization.

With additional training, you could become a home health and personal care aide, emergency medical technician, paramedic, licensed practical nurse, massage therapist, medical assistant, medical record technician, pharmacy technician, surgical technologist, veterinary assistant, physical therapist assistant, occupational therapist assistant, laboratory assistant, dental assistant or athletic trainer.



DID YOU KNOW...

Employment of health care occupations is

projected to grow 19

percent from 2014 to 2024, much faster than the average for all occupations.

In the next eight years, **health care** occupations will add approximately 2.3 million jobs. That's more jobs than any other group of occupations. Landau

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EARLY CHILDHOOD DEVELOPMENT (ECD)

Are you patient? Compassionate? Do you enjoy working with kids? An Early Childhood Development career might be your calling.

- Engage young minds with stories and picture books.
- Create learning materials and activities that target different areas of child development, including language, motor and social skills.
- Create teachable moments using things like Play-Dough and sensory tables full of cotton balls!

With additional training, you could become a preschool teacher or assistant, childcare facility director, substitute teacher, paraprofessional, nanny or childcare coordinator.

By 2022, careers in Early Childhood Development are expected to grow 7 percent.



You can expect to make an average of \$35,000 per year.*

Just then, Beetrice Bee buzzed by.

"Anybuggy want to taste my Bug-a-Boo treats?" she called. "ME! ME! ME!" Bounce yelled, hurrying off, with Squirt and Snowdrop right behind him.

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CULINARY ARTS AND HOSPITALITY MANAGEMENT(CUL)

As a student in our culinary program, you'll receive practical training in a modern kitchen from instructors with real-world experience. Indulge your passion for the art and science of cooking!

- Craft amazing and fun foods using flames, knives and creative chemistry.
- Work side-by-side with certified culinarians to learn the craft.
- Travel the world through food!

This one-year program is designed to prepare you to enter the hospitality industry or move into a college-level program in culinary arts and/or hospitality management. Working toward an associate degree in Culinary Arts and Hospitality Management will put you on the path to becoming a professional chef, restaurant manager, caterer or culinary instructor.

AVG. SALARY

DO YOU LIKE TO COOK?

The average salary for culinary artists will usually depend on your talent, experience and location, as well as your area of expertise and expected duties. For more information about the OTC Career Center, visit academics.otc.edu/careercenter or call 417-447-8126.

We look forward to receiving your Career Center application!

WHAT MAKES A SUCCESSFUL OTC CAREER CENTER APPLICANT?

- □ ARE YOU HIGHLY MOTIVATED?
- □ ARE YOU READY TO LEARN AT THE COLLEGE LEVEL?
- **DO YOU HAVE A GOOD SCHOOL ATTENDANCE RECORD?**
- DO YOU HAVE THE RECOMMENDED GPA OF AT LEAST 2.5?
- DO YOU HAVE HALF THE CREDITS REQUIRED FOR HIGH SCHOOL GRADUATION COMPLETED?

If you have any questions about your eligibility, contact your high school counselor.

HOW DO I GET STARTED?

Admission to the OTC Career Center is a selective and competitive process.

STEP 1

Meet with your high school counselor to review admission criteria and learn how to apply.

STEP 2

Once you apply, your counselor will provide the OTC Career Center with the rest of the information needed to consider your application.

STEP 3

Your high school counselor will be notified of your enrollment status in the spring. Once accepted, you will be invited to an OTC Career Center student orientation with your parent/ guardian. You will receive orientation information in the mail over the summer.

*Employment data obtained from the U.S. Bureau of Labor Statistics (bls.gov). Salaries and job outlooks will vary.

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