JAJobSpark Redefining Hands On

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SEPTEMBER 22 - 23



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Dear Students.

Welcome! This is an exciting time in your life and in your school career! You have the opportunity to explore wonderful options for your future and to experience firsthand the types of work available and skills utilized across a wide variety of business and industry sectors.

I hope that today, during JA JobSpark, you will learn about exciting jobs and industries previously unfamiliar to you and engage with professionals in those fields who will share their real-life experiences and guidance. Consider all the possibilities out there and begin to connect your interests and strengths with your future career options. Spend this time to discover what excites you...what professions make you want to learn more...and then go for it!



Print and keep this program book to help guide you on your journey toward an amazing future. Be thoughtful about your many options and then be bold and follow your passion! It's important that you create a plan to help you achieve your goals; work your plan and ask for help along the way. Be aware of opportunities to continue to learn, and open your heart and mind to all the world has to offer. Believe in yourself and know that I believe in YOU.

You are on your way to owning your future success!

Sincerely,

Jennifer Burk President and CEO

Junior Achievement of Central Indiana



Students & families-

Welcome to JA JobSpark, Redefined! Indianapolis Public Schools is thrilled to partner with Junior Achievement of Central Indiana, Eli Lilly and Company Foundation, Inc. and all of the sponsors and participating businesses to bring you this exciting, virtual event. The experience today is an outcome of tremendous preparation and planning – focused on your future success. It may look different than before, but the goal remains the same—to support you in exploring all that's possible in your future.



This event is designed to spark an interest in some of the many career possibilities available to you in the City of Indianapolis and Central Indiana. Use your time today to ask questions of the volunteers who represent lots of various career paths and roles. I'd also encourage you to visit the areas that you may not think you have an interest in right now. You never know what might "spark" your attention!

You are in school every day to learn the skills and content you need to create the kind of life that you want. So, today, dream big! Learn more about how years from now you might put those skills to work building things, serving others and creating a brighter future for all of Indianapolis. You can also use today to help you get closer to deciding which career will be right for you.

Indianapolis Public Schools is committed to ensuring that when our students complete their PK-12th grade experience, they leave us either enrolled, enlisted, or employed. JA JobSpark is an amazing opportunity to support that goal and for you to begin envisioning your future and learning how to turn your dreams into reality.

So, enjoy dreaming and learning today!

Sincerely,

Aleesia L. Johnson

Superintendent Indianapolis Public Schools

Thanks to our Sponsors!

PRESENTING

CURRICULUM



AND COMPANY FOUNDATION, INC.

PREMIER



Indiana University Health

PLATINUM









CLASSROOM PARTNER



GOLD





VIP EXPERIENCE & TOUR



VIRTUAL PLATFORM PARTNER



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SILVER

















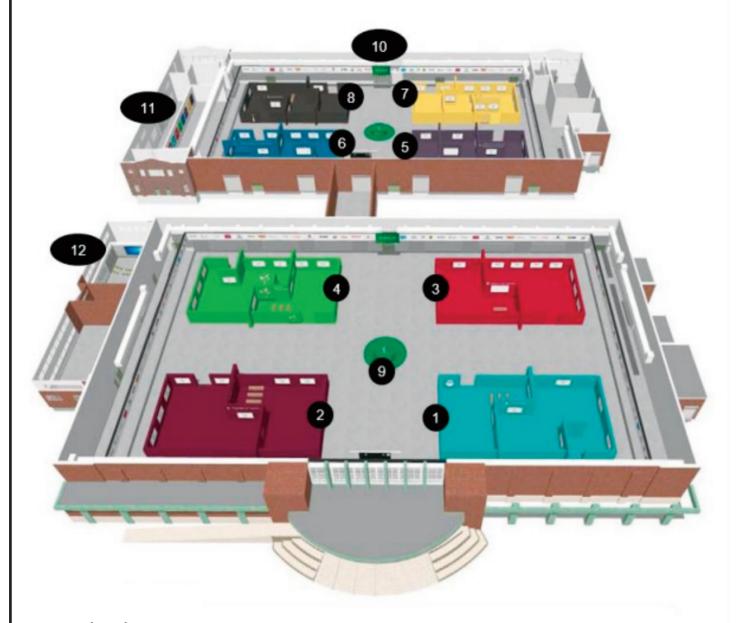




BRONZE

Board of Certified Safety Professionals, Celebrate Science, Corteva Agriscience, EY, Health & Hospital Corporation, Indiana Farm Bureau/Indiana Farm Bureau Insurance, Rehabilitation Hospital of Indiana, Shiel Sexton, University of Indianapolis MICI-AHEC

JA JobSpark 2020 Map



Legend

- 1 Technology Cluster
- 2 Hospitality & Tourism Cluster
- 3 Health & Life Sciences Cluster
- 4 Agriculture, Food & Natural Resources Cluster
- 5 Advanced Manufacturing, Engineering & Logistics Cluster
- 6 Government, Law & Public Service Cluster

- 7 Architecture, Engineering & Construction Cluster
- 8 Business & Finance Cluster
- 9 Information Desk
- 10 Interactive Legacy Activity
- 11 Downloadable Resources
- 12 VIP Lounge (password protected)

JA JobSpark Career Clusters



Advanced Manufacturing, Engineering & Logistics

Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering. Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.



Agriculture, Food & Natural Resources

Production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.



Architecture, Engineering & Construction

Designing, planning, managing, building and maintaining the built environment.



Business & Finance

Planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business management and administration career opportunities are available in every sector of the economy. Planning, services for financial and investment planning, banking, insurance, and business financial management.



Government, Law & Public Service

Executing governmental functions to include governance; national security; foreign service; planning; revenue and taxation; regulation; management and administration at the local, state, and federal levels. Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.



Health & Life Sciences

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.



Hospitality & Tourism

Managing, marketing and operating restaurants and other food services, lodging, attractions, recreation events and travel related services. Designing, producing, exhibiting, performing, writing, and publishing visual and performing arts and entertainment services.



Technology

Designing, developing, supporting and managing hardware, software, multimedia and systems integration services.

Do you Have The Skills Indiana's **Employers Are Searching For?**

INDIANA EMPLOYERS WANT HIGHLY-SKILLED EMPLOYEES. DEVELOPING THESE 18 Employability Skills CAN HELP YOU LAND YOUR DREAM JOB!

MINDSETS

Lifelona **Learning**

DEMONSTRATE WILLINGNESS TO WORK AND LEARN, AND **CONTINUALLY APPLY NEW KNOWLEDGE.**

Possess belief in own ability to succeed and assert self when necessary

LEARNING STRATEGIES

Effective COMMUNICATION

Apply skills to clearly, effectively, and convincingly express ideas and messages to others appropriate to the environment.

Utilize critical thinking skills and perspectives of others to make informed decisions based on options, rewards, risks, limits, and goals.



INITIATIVE

Apply selfmotivation and self-direction to work and learning.

PRORI FM





Apply critical and creative thinking skills to resolve problems.

Attention to I

Achieve thoroughness and accuracy when accomplishing a task.



Identify and communicate individual interests and skills that align coursework and experiences to potential career paths and to in-demand occupations.

WORK ETHIC

Self-Discipline

Demonstrate self-control and behave in accordance to rules with minimal direction



PERSEVERANCE

DEMONSTRATE ENDURANCE AND CAPACITY TO COMPLETE TASKS.





TIME MANAGEMENT & ORGANIZATIO

Plan and organize long and short-term goals while understanding how to balance school, home, and community activities.

Manage transitions and adjust to changing situations and responsibilities



Maraki. ACT IN'A **TRUSTWORTHY** AND HONEST MANNER.





PROFESSIONALISM

Demonstrate skills and behaviors appropriate for school and work.

Connection



Demonstrate the ability to network with others through social awareness and cultural sensitivity.

SOCIAL & EMOTIONAL SKILLS



Recognize and manage one's emotions.



Callaboration

Work well with others in a team.









Want to learn more? www.employabilityskills.in.gov

What will your future look like?



Find out at Indiana Career Explorer.com

Indiana Career Explorer guides your career planning to keep you on track!

- ☑ Explore jobs in-demand
- ✓ Assess your skills
- ☑ Develop a plan to get the education and training you need.





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CELEBRITIES& THEIR FIRST JOBS





BEYONCÉ

Singer & Songwriter

Beyoncé worked in her mom's hair salon sweeping up hair before her singing career.



CHRIS HEMSWORTH

Actor

Before he became Thor on the big screen, Chris worked in a pharmacy.



BRADLEY COOPER

Actor & Movie Producer

Bradley made a living as a doorman in a New York City hotel before starting his acting career.



MELISSA McCARTHY

Actress

Before she was the star of movies like Bridesmaids and The Heat, Melissa worked as a barista at Starbucks.



TAYLOR SWIFT

Singer & Songwriter

Before her first big album, Taylor worked on her family's Christmas tree farm shaking bugs out of the trees.



KANYE WEST

Rapper & Music Producer

Kanye worked as a sales associate at Gap during his teen years.



DWAYNE JOHNSON

Actor & Former Pro Wrestler

Though he's now one of the highestpaid actors in Hollywood, 'The Rock' worked as a dishwasher at the age of 13.



MEGHAN MARKLE

Duchess of Sussex

Meghan Markle worked as a freelance calligrapher and taught bookbinding to support herself between acting jobs.



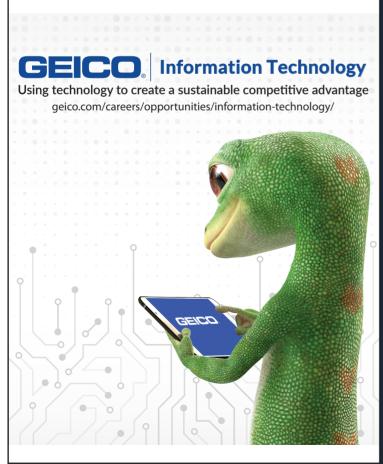
Where exploration meets experience

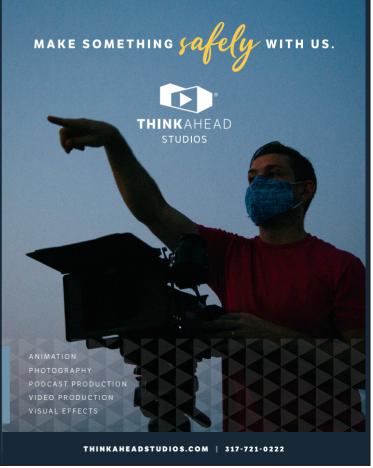
Assemble the skills to succeed and launch your career! At Roche, we encourage big thinking and give our people the support and flexibility they need to make their mark. We offer summer internships for college students, as well as entry-level rotational roles through our Accelerated Development Program.

> Learn more at RocheIndy.com

Roche Indy is a proud sponsor of JA JobSpark.









In order to become America's regional airline of choice, our view of the horizon needed to be different than our competitors. That's why we encourage and empower our Associates to share their bold and gutsy "what if?" ideas: ideas like addressing the pilot shortage by creating our own flight training school, LIFT Academy, which is creating opportunity and jobs no matter your background.

It's that kind of agile, forward-thinking, can-do attitude that makes Republic Airways different. It's not just our technology that's innovative. It's the creativity and belief in the possibilities that allows our people and our company to soar.

We are Opportunity Elevated.



riet.com



lvwithlift.com

Ascension St. Vincent is proud to support and encourage youth to explore health care opportunities!

Come visit us in the Health and Life Sciences

Cluster!







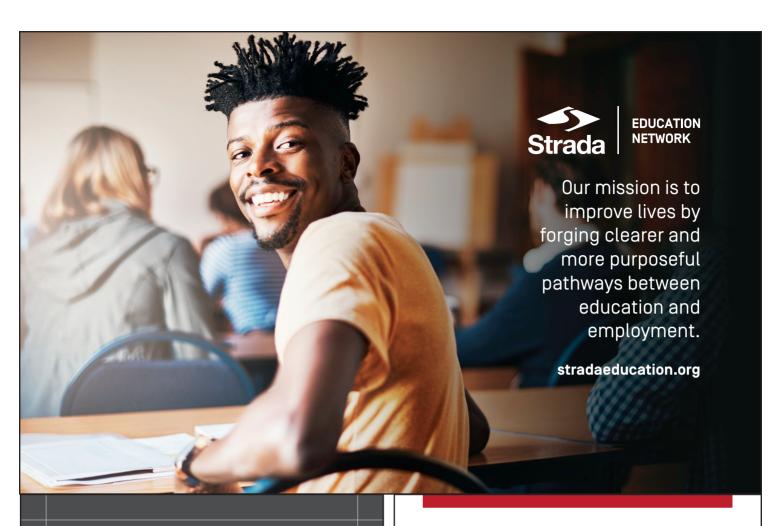
Proud supporter of JA JobSpark and Indianapolis area youth.

Career builder of health, safety, and environmental professionals.

SafetyManagementGroup.com











Advertising • Public Relations • Digital

HIRONS.com

Exciting Career Opportunities!

Automotive Repair, Sales, and More!



The Only Name You Need to Know

Ed Martin Automotive is a proud sponsor of JA JobSpark























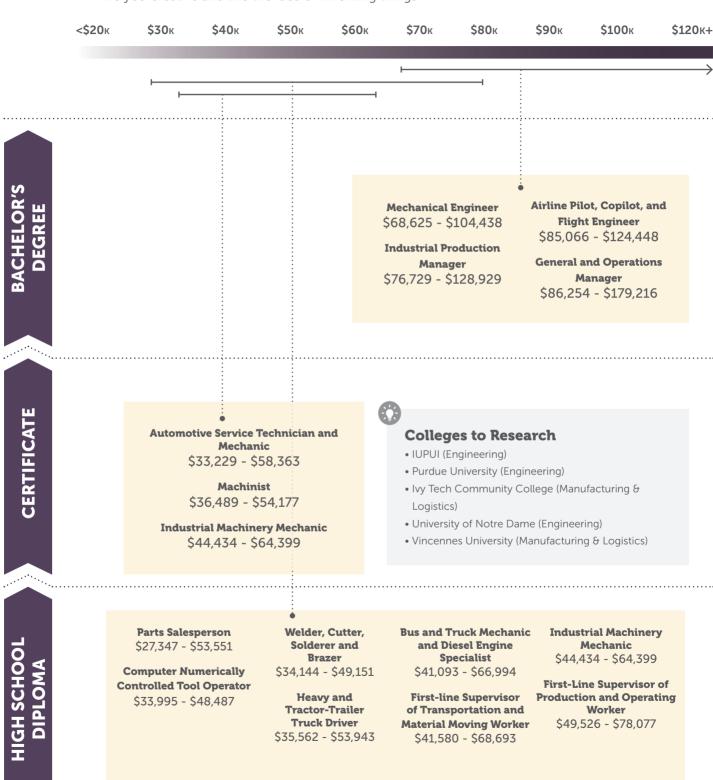


EdMartin.com



ADVANCED MANUFACTURING, ENGINEERING & LOGISTICS

Do you enjoy making things or working with your hands? Do you enjoy math and science classes? Are you creative and like the idea of inventing things?



Occupations are a representation of jobs in Marion County. Salaries range from the 25th to 75th percentiles.

ADVANCED MANUFACTURING, ENGINEERING & LOGISTICS

A special thank you to our partners!































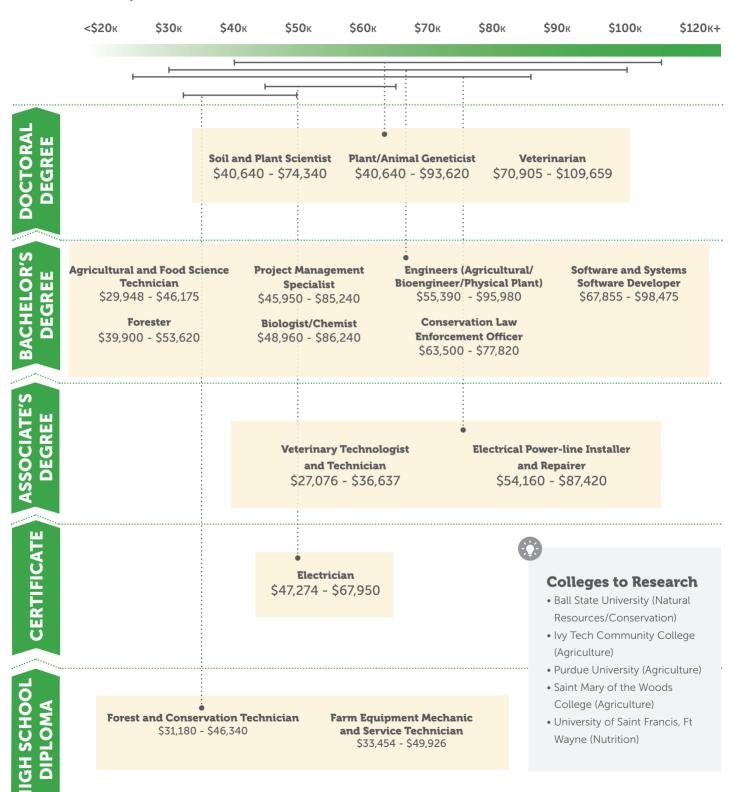






AGRICULTURE, FOOD & NATURAL RESOURCES

Do you want to help feed and clothe the world? Are you interested in protecting our environment? Do you like to be outside or work with animals?



Occupations are a representation of jobs in Marion County. Salaries range from the 25th to 75th percentiles.

AGRICULTURE, FOOD & NATURAL RESOURCES

A special thank you to our partners!





























College of Veterinary Medicine















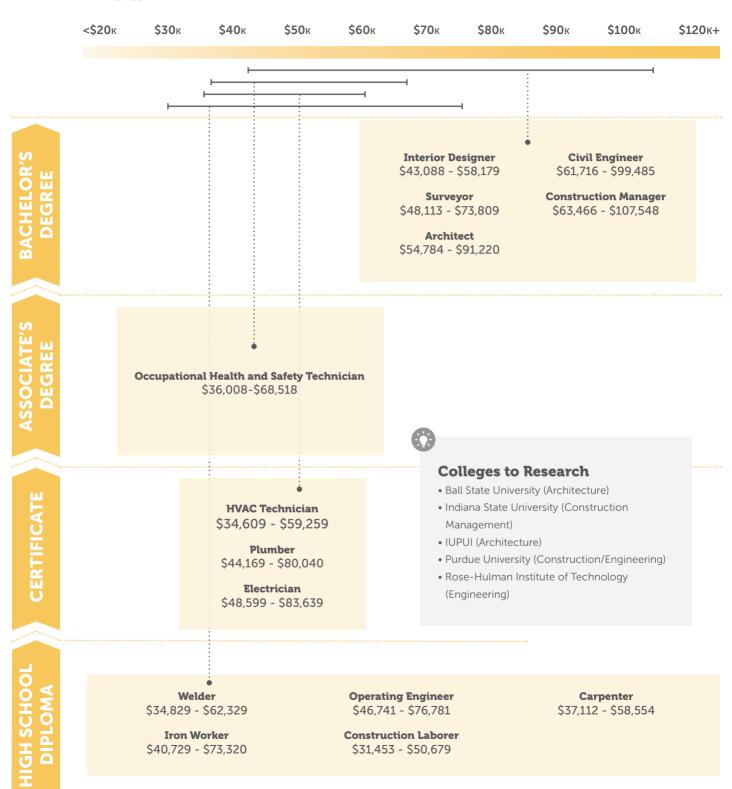






ARCHITECTURE, ENGINEERING & CONSTRUCTION

Do you like to build structures that last a lifetime? Do you like to create things and work with your hands?



Occupations are a representation of jobs in Marion County. Salaries range from the 25th to 75th percentiles.

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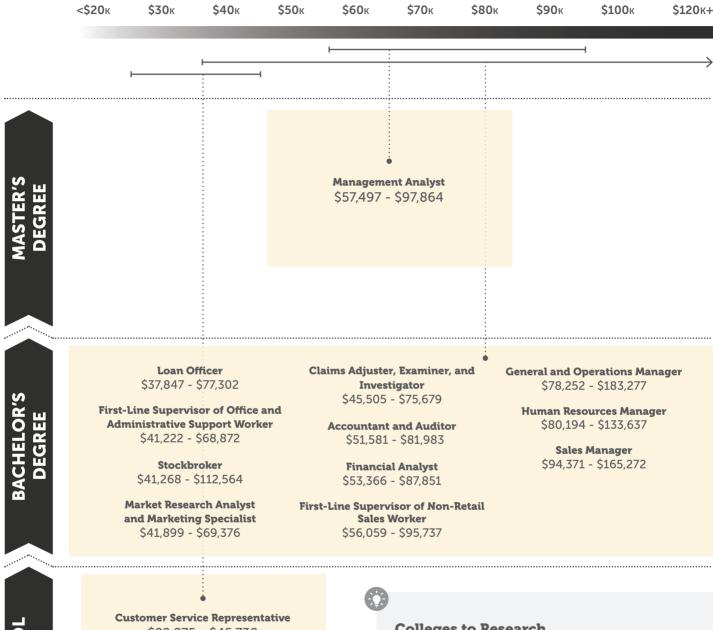






BUSINESS & FINANCE

Do you wonder how businesses work? Are you interested in how businesses choose who to hire? Do you want to know which companies are good investments?



\$29,275 - \$45,730

Secretary and Administrative Assistant \$27,032 - \$42,010

Bookkeeping, Accounting, and Auditing Clerk \$32,627 - \$47,516

Colleges to Research

- Anderson University (Business)
- Butler University (Finance)
- Kelley School of Business at IU Bloomington (Business)
- University of Indianapolis (Finance)
- Valparaiso University (Finance)

Occupations are a representation of jobs in Marion County. Salaries range from the 25th to 75th percentiles.





















Financial Strategies

























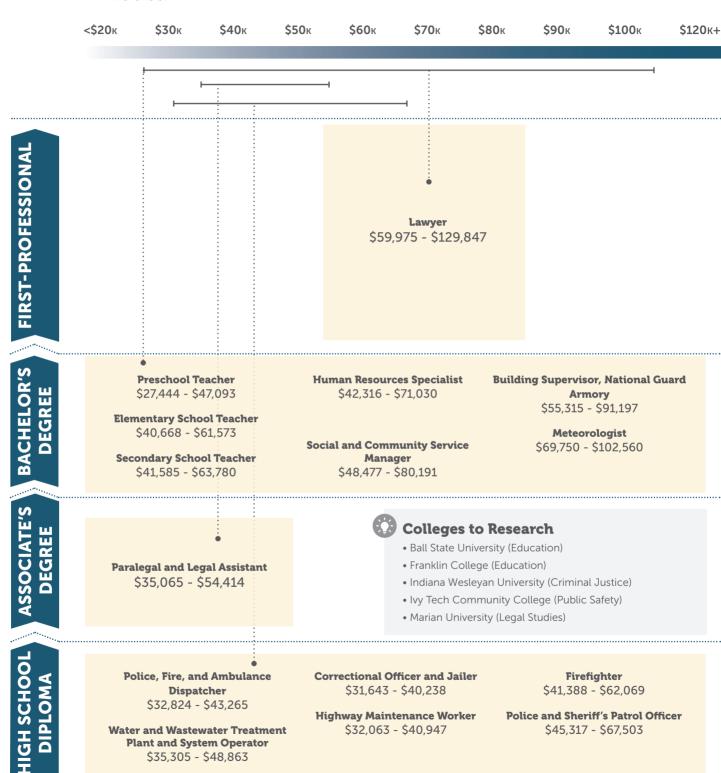






GOVERNMENT, LAW & PUBLIC SERVICE

Are you willing to serve others? Is it important to you to make the world fair and just? Are you calm in a crisis?



Occupations are a representation of jobs in Marion County. Salaries range from the 25th to 75th percentiles.





























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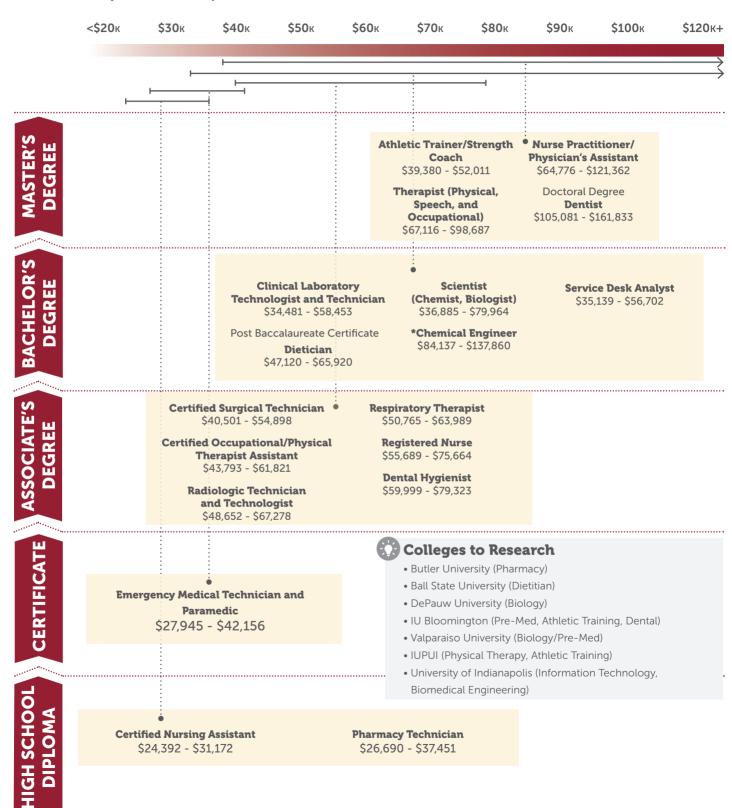






HEALTH & LIFE SCIENCES

Do you enjoy helpings others? Are you interested in how the human body works? Is science one of your favorite subjects?



Occupations are a representation of jobs in Marion County. Salaries range from the 25th to 75th percentiles. *Represents the national wages







































UNIVERSITY of INDIANAPOLIS

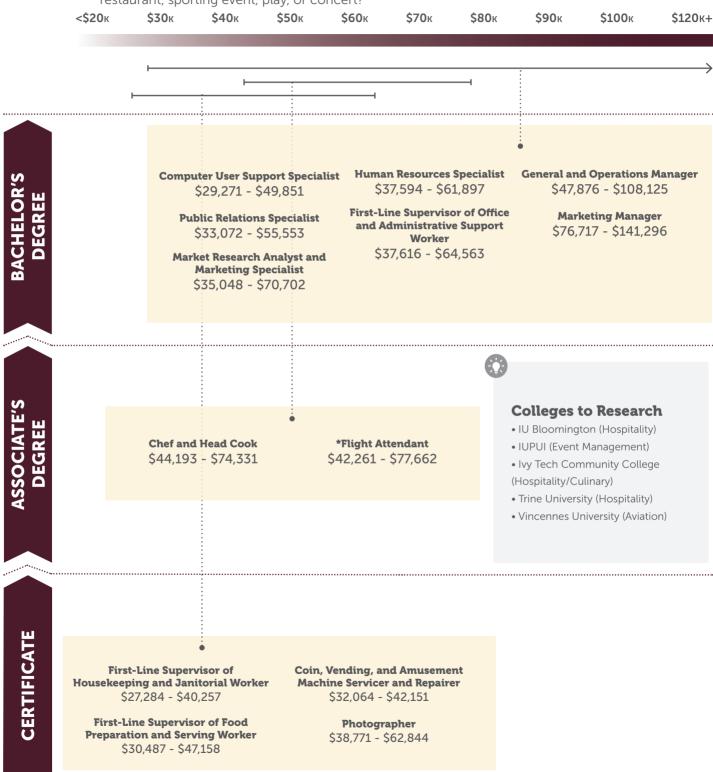






HOSPITALITY & TOURISM

Do you enjoy the excitement that comes from planning big events? Would you enjoy hosting others and making them feel welcome? Would you enjoy creating a great guest experience at a hotel, restaurant, sporting event, play, or concert?



Occupations are a representation of jobs in Marion County. Salaries range from the 25th to 75th percentiles. * Some College Courses































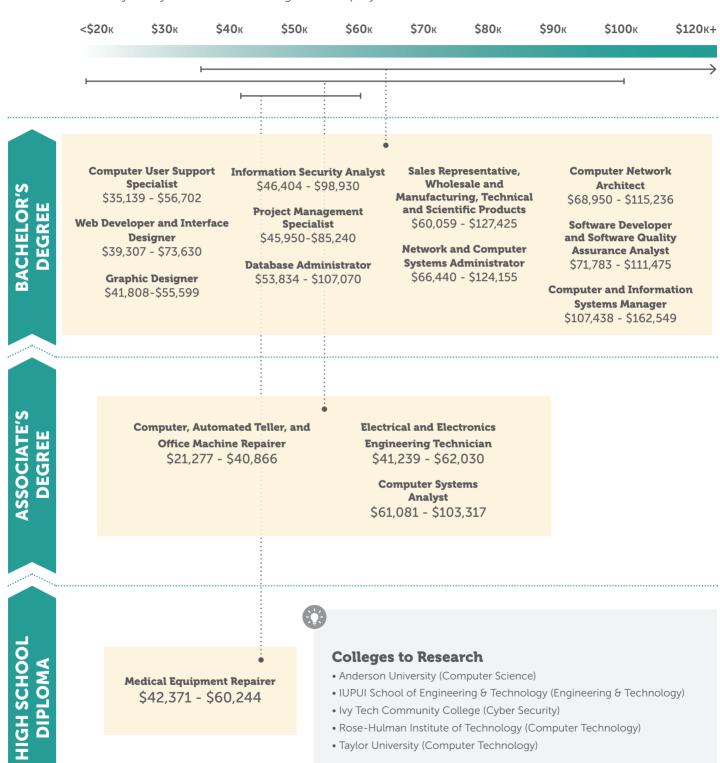






TECHNOLOGY

Do you enjoy working with the latest computer technologies? Can you solve problems in a creative way? Do you have fun working on team projects?



Occupations are a representation of jobs in Marion County. Salaries range from the 25th to 75th percentiles.















A special thank you to our partners!















Injuries at work are more common than you might think.

Understanding how to safely perform your work tasks will help ensure that you go home at the end of the workday healthy, injury free, and able to do all of the fun things you like to do!





Get Training

Training on how to complete a job or use equipment safely helps prevent injuries and training on how to save lives.

Ask Questions

Protecting yourself and those around you from getting injured is important.

- Can what I am doing be done in a safer way?
- How can this task be made safer for everyone?
- Is there a way that we can get rid of this hazard?

Report Hazards



 A hazard is any source of potential damage, harm, or adverse health effects on something or someone.

• If you see a hazard that needs to be fixed to make your job safer or prevent an injury, work with your supervisor and coworkers to find a safer solution.

0

Stop (or Do Not Start) Tasks if You Feel Unsafe

It is okay to ask for more training or safer equipment if you are asked to perform a task that might injure someone or makes you or your coworkers feel at risk.

Common First Jobs

- Babysitter
- Cashier
- Grocery clerk
- Landscaper
- Farm hand
- Construction laborer
- Packing and moving
- Automotive service
- · Amusement park worker
- Fast food worker
- Barista
- Retail store clerk
- Waitress/waiter
- Food preparation
- Camp counselor
- · Recreation assistant
- Sports coach
- Retail sales
- Stockperson
- Dishwasher
- Newspaper delivery
- Receptionist
- Host/Hostess
- Pizza delivery
- Lifeguard
- · Movie theater worker

Examples of Common Hazards at Work

- Slippery floors
- Uneven walking surfaces
- Hot grease
- Ladders
- Crushing/pinching actions
- · Working at heights
- Moving heavy objects
- Dangerous machinery
- Noise
- Chemicals

- Disease (colds, flu, viruses)
- Vehicle accidents
- Hot surfaces/liquids
- Heat stress
- Electricity

The Hierarchy of Controls is a great way to think about how you can fix a hazard. The best way to keep yourself safe is to find a way to get rid of the hazard.

The National Institute for Occupational Safety and Health (NIOSH)

Example: Noisy Machine

- 1. Elimination Get rid of the machine
- 2. Substitution Replace with less hazardous alternative
- 3. Engineering Controls Fix the machine to be less noisy
- 4. Administrative Controls Work near the machine less
- 5. Personal Protective Equipment Wear ear plugs









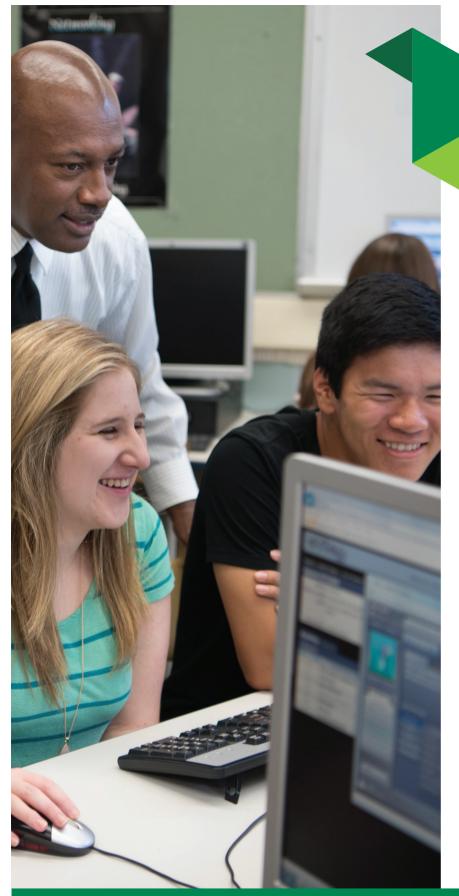












Why A?



helping kids make the connection between what they learn in the classroom and future success is what we do.

Show them what's possible.
Contact Junior Achievement.

Empower the Future®

Learn more at www.jaindy.org

Contributing Companies and Organizations

AgriNovus Indiana Allied Automation Allison Transmission American Dairy Association Indiana, Inc. Ascension St. Vincent Aurora Financial Strategies Beck's Hybrids **BMO Harris Bank Build Your Future Indiana** Built to Succeed Board of Certified Safety **Professionals** Celebrate Science Indiana C.H. Robinson Community Health Network Corteva Agriscience Deloitte Donate Life Indiana Ed Martin Automotive Group Elanco Animal Health Eli Lilly and Company Eli Lilly and Company Foundation, Inc. **EmployIndy** Eskenazi Health Fanning Howey Associates, Inc. Fire Starters, Inc. Fuel Merchandise Group GadellNet Geico Hagerman Construction Harrison Center for the Arts Health and Hospital Corporation Heartland Film Festival Hirons **Huntington Bank** IBEW Local 481 lanition Indiana Careers in Construction

Indiana Commission for Higher Education Indiana Construction Roundtable Indiana Department of Natural Resources Indiana Department of Workforce Development Indiana Donor Network Indiana Farm Bureau, Inc. Indiana Farm Bureau Insurance Indiana General Assembly Indiana/Kentucky/Ohio Regional Council of Carpenters Indiana Mineral Aggregates Association Indiana National Guard Indiana State Department of Agriculture Indiana State Fairgrounds and **Event Center** Indiana State Museum and Historic Sites Indiana University Health Indiana University Kelley School of Business Indiana University School of Dentistry Indiana Youth Institute Indianapolis Children's Choir Indianapolis Fire Department Indianapolis Power and Light Company Indianapolis Public Schools Indianapolis Zoo Indy Chamber Indv Do Dav Ivy Tech Community College Central Indiana JPMorgan Chase & Co. JW Marriott Indianapolis LIFT Academy Lucas Oil Stadium

MacAllister Machinery Mary Rigg Neighborhood Center Microsoft National Weather Service OneAmerica Financial Partners, Inc. Pacers Sports & Entertainment Pepper Construction Powers & Sons Construction Company PropelUp Purdue College of Veterinary Medicine R.E. Dimond and Associates. Inc. Rebuilding Together Indianapolis Rehabilitation Hospital of Indiana Republic Airways **RJE Business Interiors** Roche Indianapolis Rolls-Royce Rowland Design Safety Management Group Salesforce Shiel Sexton STAR Financial Bank Stoops Freightliner and Quality Trailer Strategic Capital Partners Strada Education Network TechPoint Foundation for Youth The Capital Group Companies The Children's Museum of Indianapolis Think Ahead Studios UA Local 440 Plumbers, Steamfitters, & HVAC Service **Technicians** University of Indianapolis MICI-AHEC UPS Women in Safety Excellence Your DOT Experts, LLC

Association

Thank You to Our JA JobSpark Participating Schools

Alexandria-Monroe Junior/Senior High School

Arlington Middle School

Avondale Meadows Middle School

Belzer Middle School Butler Lab School 55 Butler Lab School 60

Carmel Middle School

Center for Inquiry 2 Center for Inquiry 27 Center for Inquiry 70 Center for Inquiry 84 Central Catholic School

Chapel Hill 7th & 8th Grade Center

Christel House Academy

Clay Middle School

Creekside Middle School Creston Middle School Daniel Webster School 46

Decatur Middle School

Eastwood Middle School

Edison School of the Arts 47

Fall Creek Valley Middle School

Francis W. Parker School 56

Frankfort Middle School

George W. Carver School 87 George W. Julian School 57 Guion Creek Middle School

H. L. Harshman Middle School Hamilton Heights Middle School

Holy Cross Central School

Holy Cross Lutheran School

Hoosier Academy

Horizon Christian School Indiana School for the Blind James A. Garfield School 31

James Whitcomb Rilev School 43

KIPP Indy College Prep Middle School

Lebanon Middle School Lincoln Middle School

Longfellow Medical/STEM Middle School 28

Lynhurst 7th & 8th Grade Center

Matchbook Learning at Wendell Phillips

Merle Sidener Gifted Academy

New Augusta Public Academy North

Newcomer Program

Northview Middle School

Northwest Middle School

Phalen Leadership Academy

Positive Supports Academy

Raymond Park Middle School

Renaissance Academy Charter School

Rousseau McClellan School 91

Saint Simon the Apostle School

Southport Middle School

St. Philip Neri

St. Richard's Episcopal School

STEP Ahead Academy

Stonybrook Middle School

SUPFR School 19

The PATH School

Tri-North Middle School

Turning Point Schools Indy

URBAN ACT at Washington Irving

Vision Academy at Riverside

Western Boone Junior and Senior High School

Westlane Middle School

William Penn School 49

Glossary of Terms

Associate's Degree: A degree earned by a student who has completed two years of study at a junior college, college, or university in the United States.

Bachelor's Degree: A degree earned by a student who has completed four years of study at a college or university.

Career Cluster: A grouping of jobs and industries related to skills and products.

Community College: A school one attends after high school that offers courses leading to an Associate's degree (2-year).

Employability Skills: Personal attributes and abilities not directly tied to a specific job title but which are needed in most jobs; also known as "soft skills."

Entrepreneur: A person who starts a business and is willing to risk loss in order to make money.

Financial Aid: Money that is given (scholarships and grants) or lent (loans) to students to help pay for their education.

Graduate Degree: A two-year (Master's) or four-year degree (Doctorate or Ph.D.) earned by a student who has already earned a Bachelor's Degree.

HSE: High School Equivalency Diploma, formerly known as a GED.

Interests: A person's preferred activities or hobbies.

Job Outlook: A prediction of careers that will be in high-demand in the future.

Post-Secondary Education: Any education completed past high school.

Private College: Colleges that don't receive primary funding from the state and federal government. Private colleges rely on tuition, fees, endowments, and other private sources for funding.

Public College: Institutions that receive most of their funding from the states where they are located.

Skills: A person's talents or abilities.

STEM: The study of Science, Technology, Engineering, and Mathematics.

Technical Skills: The abilities and knowledge used in a specific profession.

Trade Certification or Professional Certification: A certification earned to assure ability to perform a job or task.

Transcript: An official record of a student's grades.

Undergraduate Degree: An academic degree earned by completing undergraduate courses, typically an Associate's Degree or Bachelor's Degree.

Our team is changing healthcare for the better.

Indiana University Health is Indiana's leading healthcare system, with 16 hospitals and more than 34,000 team members. As you look toward your future, IU Health is here to provide you with challenging and meaningful careers for the good of every patient.

Learn more by attending the Health and Life Science Career Cluster sessions and visit iuhealth.org/JAJobSpark.



Indiana University Health



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