



# Summer RISE Industries

Advanced Manufacturing  
Advertising & Marketing  
American Sign Language Interpreting  
Architecture  
Art Education  
Arts Administration or Management  
Arts & Entertainment  
Automotive Technologies  
Aviation & Aerospace  
Behavioral Health/Therapy/Psychology  
Biomedical Research  
BioScience  
Business Management/Entrepreneurship  
Carpentry  
Childcare/Early Childhood Development  
Collegiate Education  
Communication, Broadcasting & Media  
Community & Social Services  
Community Health  
Computer Science  
Conservation/Natural Resources Management  
Construction, Concrete  
Construction, Design and Management  
Construction, Electricity  
Construction, Masonry  
Cosmetology  
Cybersecurity  
Data Science  
Dentistry  
Economic Development  
Education  
Electric Operations  
Elementary Education  
Engineering  
Environmental Sustainability & Agribusiness  
Fashion & Design  
Financial Services  
Fire & Rescue  
Food Service  
Forensic Science  
General Construction & Contracting

General Healthcare  
Government  
Graphic Design  
Heating, Ventilation, & Air Conditioning  
(HVAC)  
High School Education  
Hospital Administration  
Hospitality & Tourism  
Human Resources  
Information Technology  
Journalism & Television  
Justice & Law  
Law Enforcement  
Mechanical Services  
Medicine  
Middle School Education  
Military  
Music Education  
Navy  
Nonprofit Management  
Office & Administrative Services  
Orthodontics  
Parks & Recreation  
Pharmaceutical  
Photography  
Physical Therapy/Rehabilitation  
Plumbing  
Property Management  
Publishing  
Quantum Systems and Mechanics  
Real Estate Management  
Renewable Energy  
Restaurant Management  
Retail  
Social Work  
Sports Management  
Systems Operations  
Theater Production  
Transportation  
Utility Operations  
Veterinary Services  
Youth Services/Development

Below are detailed descriptors of specific industries within the Construction and Healthcare/BioScience professions. Student experiences may include the following:

### **Construction Professions**

- ✈ Carpentry: the use of wood in construction
- ✈ Concrete: the various ways concrete is implemented in construction
- ✈ Electricity: the use of electricity in construction
- ✈ General Construction & Contracting: all facets of a construction company
- ✈ Heating, Ventilation, and Air Conditioning (HVAC): the basics of heating, ventilating, and air conditioning principles
- ✈ Masonry: the use of brick and block construction
- ✈ Plumbing: the installation, maintenance, and repair of many different types of pipe systems

### **Healthcare/BioScience Professions**

- ✈ BioScience: the biological solutions that sustain, restore, and improve the quality of life
- ✈ Biomedical Research: the study of human medicine and research processes
- ✈ Community Health: the support of the physical and mental well-being of a targeted population
- ✈ Hospital Administration: hospital operations
- ✈ General Healthcare: all facets of the industry devoted to patient care
- ✈ Pharmaceutical: the development and distribution of a vast array of products and services
- ✈ Physical Therapy/Rehabilitation: restorative and therapeutic services to help improve movement and quality of life