JATC
2025-26 PROGRAMS

North Campus: 9301 S. Wights Fort Road, West Jordan (801) 256-5900
South Campus: 12723 S. Park Avenue Riverton, UT 84065 (801) 412-1300
West Jordan High School Campus: 8136 2700 W, West Jordan, UT 84088 (801) 256-5600

NORTH CAMPUS

Program	Length of Course	Periods at JATC	Description	Highly Recommended‡	CE Credit**
Aviation Science: Drones	B Day Full-Year	2	Prepares students for careers in aviation/aerospace, focusing on the drone industry, through academics, hands-on UAV missions, and industry tours.	Physics, Secondary Math II	3 UVU
Aviation Science: Flight, Private Pilot	A Day Full-Year	2	Prepares students for aviation/aerospace careers, exploring flying and non-flying roles through academics, flight simulator training, and industry tours.	Physics, Secondary Math II	6 UVU
Biotechnology	A Day Full-Year	2	This lab-focused program covers theory and techniques in biotechnology, including DNA manipulation, protein methods, microbiology, genetics, and bioinformatics. It also explores human biology and environmental interactions. Awards science credit.	Biology, Chemistry	6 SLCC
CNA	Semester	4	Program introduces healthcare and the nursing assistant role, teaching necessary skills for certification through the Utah Nursing Assistant Registry. 70 hours required.	Intro to Health Sciences, Medical Anatomy	5 SLCC
Computer Programming	Full-Year A or B Day Full Year	4 2	Focusing on computer programming and software development, covering Java, object-oriented programming, GUI design, SQL, Android app development, Raspberry Pi applications, and AI fundamentals like neural networks and machine learning. Awards Math or Science credit.	Computer Programming 1	8 SLCC 4 WSU
Criminal Justice	A or B Day Full-Year	2	Learn about the Criminal Justice system, including agencies, personnel, court system, law, police-community relations, and forensics. Taught by a professional officer, the course offers 12 concurrent enrollment credits.		12 SLCC
Cybersecurity Year 1	A-Day Full Year	2	Comprehensive view of organizational cybersecurity, covering modern OS security, network vulnerabilities, and information protection. It prepares students for advanced topics and explores cybersecurity career paths.		15 UVU
Cybersecurity Year 2	B-Day Full Year	2	Course covers AP Cybersecurity, Cloud Computing 1 & 2	Cybersecurity Year 1	
Dental Assistant	A or B Day Full-Year	2	Dental healthcare program offers hands-on and classroom learning in chairside assisting, infection control, and more. Students can earn CPR certification and a Utah Dental Advisory Board-approved radiology certificate. 90 hours required.	Medical Anatomy & Physiology, Intro to Health Sciences	
Digital Media: Intro	1st Semester A Day	2	Introduction to various digital media skills and careers, available for sophomores and up, with concurrent enrollment credit. **Open To Sophomores**	Any Art or Computer Class	4 SLCC
Digital Media: Intro to 3D Graphics and Animation	1st Semester B Day	2	Covers 3D modeling and animation pipeline techniques, with concurrent enrollment credit.		3 SLCC
Digital Media: Advanced	2nd Semester A Day	2	Builds on introductory skills to create advanced projects, including 3D graphics, with prerequisites of DM1 and DM2.	Digital Media 1 & 2	
Digital Media: Advanced Animation	2nd Semester B Day (AM Only)	2	Focuses on advanced animation principles in 2D or 3D, requiring DM1, DM2, or 3D Graphics and Animation as prerequisites.	Digital Media 1 & 2 or 3D Graphics & 3D Animation	
Digital Media: Game Design	2nd Semester B Day (PM Only)	2	Offers project-based learning in game development, emphasizing STEM concepts, with prerequisites of DM1, DM2, or Programming preferred.	Digital Media 1 and Digital Media 2 or Programming is preferred.	4 SLCC
Engineering: Aerospace	1st Semester	4	Students explore flight physics, design gliders, program space rovers, and develop UAVs for specific scenarios. Awards science credit.	Engineering Principles 1 and 2, Mechanical Engineering Design, Secondary Math 2	
Engineering: Architecture	Semester 1 B Day AM	2	Students learn building and site design, applying their skills to residential and commercial projects using computer-aided design. Awards science credit.	Engineering Principles 1, Mechanical Engineering Design, Secondary Math 2	6 SUU
Engineering: Mechanical	A or B Day Semester	2	Gain technical skills to create pictorial interpretations and technical documentation using 2D and 3D CAD software, sketching, drawing layout, geometric construction, orthographic projection, and dimensioning.		
Engineering: Principles	A or B Day Semester	2	Hands-on courses connect engineering concepts to math and science, enhancing problem-solving skills in a lab environment to expand engineering career opportunities. Awards science credit. **Open to Sophomores.**	Secondary Math 1, Secondary Math 2	3 SLCC
Engineering: Robotics	A or B Day Full-Year	2	Students learn robotics mechanics, programming, and build systems like competition bots. In Electronics, they study components, construct circuits, and perform electrical calculations. Awards science credit.	Mechanical Engineering Design, Engineering Principles 1 & 2, Computer Programming 1	Up to 6 SUU 3 SLCC
Engineering: Technician	A or B Day Full-Year	2	In collaboration with SLCC, includes Manual Machine Shop, CNC Machining, Engineering Graphics, and Engineering Mathematics courses. Students gain skills in manual machining and CNC programming.		
Human Biology	B Day Semester 1	2	Human Biology studies how biological processes work & how humans interact in our environment. Awards science credit. **Satisfies the Opportunity Scholarship**	Biology, Chemistry	3 SLCC
Internship	A or B Day Semester	2	Begins with classroom sessions focusing on soft skills, resume building, and LinkedIn profile creation. Students then complete a minimum of 40 internship hours, attending monthly class sessions and concluding with a classroom wrap-up.	1-3 courses related to your industry of interest.	
Medical Assistant*	A or B Day Full-Year	2	Train as medical assistants in physician offices, teaching clinical skills like taking vital signs, drawing blood, and performing lab tests, along with front office tasks like managing records and scheduling. 160 hours required. **Seniors Only.**	**Medical Terminology & Medical Anatomy**	
Medical Forensics	B Day Semester 2	2	Medical Forensics class covers crime scene investigation techniques and career exploration.	Biology, Chemistry	
Pharmacy Technician*	A or B Day Full-Year	2	Train for roles in various pharmacy settings, teaching counter assistance, record management, insurance billing, prescription handling, compounding, and aseptic IV preparation. Students can take the PTCB exam and seek Utah licensing upon completion. 180 hours required. **Seniors Only.**	Medical Terminology & Medical Anatomy	
Veterinary Science	A or B Day Full-Year	2	For those interested in animal care, this program explores veterinary and animal care careers. It includes Vet Assisting 1 & 2, covering anatomy, health, pharmacology, and more, through classroom, hands-on, and clinical experiences. 80 hours required. Awards science credit.	Biology	

* Seniors only
**CE = Concurrent Enrollment Credit
***Awards Math or Science = Applied Advanced Foundation Math/Applied Advanced Foundation Science graduation credit
^ Required Professional Hours: Depending on the program, there are a number of hours required for completion and/or certification or license that may be in-class or out-of-class. See Program Guide for specifics.
‡ Recommended Classes

SOUTH CAMPUS & WEST JORDAN HIGH CAMPUS PROGRAMS CONTINUED ON BACK

JATC
2025-26 PROGRAMS

SOUTH CAMPUS

Program	Length of Course	Periods at JATC	Description	Highly Recommended‡	CE Credit**
Barbering	Full-Year	4	Learn hair cutting, styling, and facial grooming, emphasizing customer relations and salon management. It covers barbering history, health, safety, and sanitation. For a state license, students complete Barbering and Advanced Barbering over two years, plus two summer programs, to meet the 1000-hour requirement.		
Business	A or B Day Full-Year	2	This newly introduced program, still in development, will offer hands-on business experiences and concurrent enrollment opportunities.		
Construction: Management	A Day Full-Year	2	Course emphasizes construction management, teaching skills in leading projects, managing personnel, overseeing budgets, and scheduling. It focuses on project leadership over hands-on carpentry, with practical labs included.		3 SLCC
Construction: Trades	A or B Day Full-Year	2	Equip students with foundational construction trade skills, emphasizing hands-on carpentry through collaborative projects. It balances classroom learning with extensive shop and outdoor work.		
EMT*	A or B Day Full-Year	2	This program prepares seniors with EMT skills to care for the sick or injured in emergency medical settings. 150 hours required. Seniors only. Must be 18 within 90 days of finishing program.	EMR, Bio, Physiology, Anatomy, Intro to Health Sciences.	9 UVU
Fire Science	A Day Full-Year	2	Covers fire and rescue roles, emergency skills, employment processes, and national firefighter safety principles.	EMT, Physics, Chemistry	7 UVU
Fire Science / EMT Hybrid	Full-Year	4	See individual program descriptions Seniors Only.	See individual programs for recommendations	16 UVU
Fire Science: Intro	A Day Semester	2	An introductory fire science class covers the basics of fire science, including fire technology, fire prevention, and fire suppression. It also provides an overview of careers in fire science. Open to Sophomores.	EMT, Physics, Chemistry	7 UVU
Hair Design	Full-Year	4	Train in cutting, styling, coloring, and treating hair, covering health, safety, customer service, and salon management. For Utah license, students complete Hair Design I and II and attend two summer programs to meet the 1200-hour requirement. Open to Juniors and returning students only.		
Horticulture	A Day Full-Year	2	Develop knowledge and skills in plant science, greenhouse management practices, and floral design through hands-on experiences, projects, research, and case studies. Awards science credit.		3 USU
Horticulture / Landscape Hybrid	Full-Year	4	See individual program descriptions	See individual programs for recommendations	6 USU
Landscape Architecture	B Day Full-Year	2	This program covers design and planning concepts for shaping landscapes. Students engage in discussions, research, case studies, design charrettes, installation projects, field trips, and various design projects.	Visual Arts, Drafting or Graphic Design	3 USU
Nail Technician	A or B Day Full-Year	2	Train to become licensed manicurists or nail technicians, covering nail shaping, polish application, anatomy, diseases, sanitation, and artificial enhancements. It also includes customer service, business practices, and state regulations. 300 hours required.		
Welding - Advanced	Full-Year	4	Build upon foundational welding knowledge, learning to weld in difficult positions, with advanced processes, and on various metals.	Welding - Beginning, Sec Math 3	10 SLCC
Welding - Beginning	A or B Day Full-Year	2	Learn the fundamentals of welding and welding safety. They will develop skills with common metalworking equipment and basic cutting and welding processes.	Sec Math 3	3 SLCC

WEST JORDAN HIGH SCHOOL

Program	Length of Course	Periods at JATC	Description	Highly Recommended‡	CE Credit**
Automotive Collision Repair Tech	Full-Year	4	Learn to diagnose and repair collision damage, estimate repairs, and understand metal repair, paint chemistry and application, fiberglass and plastic repair, and automotive welding. Drivers license required.	Auto, Welding	
Diesel Technician	Full-Year	4	Entry-level program teaches diesel engine basics, shop safety, tool use, and engine rebuilding. It covers diesel systems like electrical, pneumatic, steering, suspension, power train, and welding, emphasizing hands-on learning. Drivers license required.	Auto, Welding	8 SLCC

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^ Required Professional Hours: Depending on the program, there are a number of hours required for completion and/or certification or license that may be in-class or out-of-class. See Program Guide for specifics.
‡ Recommended Classes