



# 2019-2020 School Year

**Programs**  
www.jordantech.org

North		Chris Titus, Principal		9301 S. Wights Ft. Rd (3491 W.)		West Jordan, UT 84088 (801) 256-5900		
South		Nicole Johnson, Principal		12723 S. Park Avenue		Riverton, UT 84065 (801) 412-1300		
CAMPUS	PROGRAM	Semester/Year	Grades	DESCRIPTION	‡Recommended ‡Required Class	**CE Credit	***Math Science Req.	
<b>Agriculture Education</b>								
SOUTH	Landscape Architecture & Horticulture	Year or A or B Day Year	11 & 12	The Landscape Architecture program explores basic concepts and applications of design and planning used to shape a variety landscapes and may be taken in conjunction with Urban Horticulture.  In the Horticulture program, students develop knowledge and skills in plant science, greenhouse management practices, floral design, and other horticultural related fields. It can be taken in conjunction with Landscape Design.	Land Arch: Visual Arts, Drafting, or Graphic Design Urban Hort: Biology or Biology-Agricultural Science	Up to 6 USU	AAF-S for Urban Hort.	
NORTH	Veterinary Science	Year	11 & 12	Learn to assist veterinarians in examining and treating a variety of species. Skills include lab medicine, critical care nursing, dentistry, and anesthesia. Clinical experiences are part of the course.	Biology + 1 Additional See Program Guide		AAF-S	
<b>Health Science Education</b>								
NORTH	Biotechnology	Year	11 & 12	Learn basic lab techniques. Students will be involved with hands-on experiments using state of the art equipment. Topics include forensics, genetics, bioethics, and more. Second year students complete an internship.	Biology, Chemistry	3 UVU	AAF-S	
NORTH	Dental Assistant	Year	11 & 12	Learn to assist in performing the functions of a dental practice including chairside assisting, patient preparation, office functions and laboratory procedures. Clinical experiences are part of the course.	Medical Anatomy & Physiology, Intro to Health Sciences			
SOUTH	Emergency Medical Technician *	Semester	12th Only	Learn how to administer life support and earn EMT Basic I endorsement in this semester long class for seniors. The EMT Basic I certification exam is given at the end of the course.	Anatomy, Must be 18 within 90 days of finishing program	9 UVU		
NORTH	Medical Assistant *	Year	12th Only	Learn to assist with medical office procedures including patient examinations, treatment and follow-up, record keeping and laboratory duties. Clinical experiences are part of the course.	Intro to Health Sciences, Medical Anatomy			
NORTH	Nurse Assistant (CNA)	Semester	11 & 12	Learn to provide basic care for patients in this semester class. Prepare to take the state CNA exam. Clinical experiences are part of the course.	Intro to Health Sciences, Medical Anatomy	6 SLCC		
NORTH	Occupational Therapy	A Day PM Year	11 & 12	Learn about the field of occupational therapy and the effects of illness or disability on clients and families. Learn techniques to help improve the quality of life for individuals. Clinical experiences are part of the course.	Intro to Health Sciences, Medical Anatomy, Biology	5 SLCC		
NORTH	Pharmacy Technician *	Year	12th Only	Learn to prepare prescriptions, dispense medications and maintain patient records and assist pharmacists during patient consultation. Clinical experiences are part of the course.	Chemistry			
NORTH	Physical Therapy	A & B Day - Semester AM B day PM Year	11 & 12	Learn components of physical therapy including anatomy/ physiology, recognition, evaluation and treatment of injury, sports nutrition and first aid. Clinical experiences are part of the course.	Intro to health Sciences, Medical Anatomy, Biology	3 SLCC		
<b>Information Technology</b>								
NORTH	Computer Programming	Year	11 & 12	Computer programming/software engineering and applications are the focus of this course of study. Students are introduced to the fundamentals of computer programming. Students learn to design, code and test their own programs while applying mathematical concepts.	Computer Programming 1	4 SLCC	AAF-M or AAF-S	
NORTH	Digital Media	Year	11 & 12	Develop skills in graphics, text animation, audio, video project management and evaluation, script writing and storyboarding.	Any Art or Computer Class	10 SLCC		
SOUTH	Game Design/Web Development	Year	11 & 12	Design and develop games and websites using HTML, CSS, and JavaScript. Game Development students will be required to develop a game for a competition.	Web Development 1, Digital Media 1	7 SLCC		
SOUTH	Web Development/ Professional Internship	Year	11 & 12	Build a Web site using skills and knowledge of internet technologies, network infrastructure and web authoring. Students will build and maintain websites for clients, and complete an internship with a web development company or client.	Web Development 1	7 SLCC		
<b>Technology and Engineering</b>								
NORTH	Engineering	A or B Day Year	10th - 12th	Engineering classes required for Advanced Engineering at JATC can be taken as early as the sophomore year at JATC.			AAF-S	
NORTH	Advanced Engineering	Year	11 & 12	Use math, science and technology to learn about the exciting world of engineering. Invent, design, build things, and develop systems for the future.	Technology & Engineering classes	2 USU	AAF-S	
Online Application Required		Open to Sophomores		‡Black = Recommended Class ‡Red = Required Class/Other				

\* Seniors only

\*\*CE-Concurrent Enrollment Credit

\*\*\* Awards AAF-M/AAF-S = Applied Advanced Foundation Math/Applied Advanced Foundation Science graduation credit

12/10/2018

CAMPUS	PROGRAM	Semester/Year		DESCRIPTION	‡Recommended ‡Required Class	**CE Credit	Math/ Science Req	
<b>Skilled and Technical Sciences Education</b>								
WEST JORDAN	Automotive Collision Repair Technician	Year	11 & 12	Learn to repair, paint and refinish automobiles. Skills include welding, painting, finishing and estimating repair costs.	Auto, Welding, Driver's License			
SOUTH	Barbering	Semester	11 & 12	Barbering prepares students to cut and dress hair, shave and trim facial/neck hair and beards. Students will learn about customer relations, salon management, as well as health and safety. See program guide for licensure requirements and more information.				
SOUTH	Criminal Justice	Semester	11 & 12	An inclusive set of courses that exposes students to development and evolution of components of the American Criminal Justice System, including the history of racial, ethnic and gender discrimination on charging, conviction, incarceration and employment. Examines the history, function, and administration of corrections in the criminal justice system. Criminal law and classification of crimes. Insight into the workings of law enforcement agencies ATF, DEA, and FBI.		12 SLCC		
SOUTH	Fire Science	Semester	11 & 12	Learn the skills to become a firefighter including equipment operation, maintenance and fire science. EMT is a recommended class for fire science students.	EMT	7 UVU		
SOUTH	Hair Design	Year	11 & 12	Hair Design prepares students to cut, curl, wave, permanent wave, cleanse, bleach, dye, tint, color and treat the hair. See program guide for licensure requirements and more information.				
WEST JORDAN	Heavy Duty Diesel Mechanic	Year	11 & 12	Learn how to use tools and equipment safely, work on Diesel Engines and systems. Tear down a diesel engine and rebuild it.	Auto, Welding, Driver's License	8 SLCC		
SOUTH	Nail Technician	Semester or Year	11 & 12	Prepares students to give manicures and pedicures, understand product chemistry, learn how to apply and remove artificial nails, and design art. See program guide for licensure requirements and more information.				
NORTH	Private Aircraft Pilot	A Day - Year	11 & 12	Learn the fundamentals of aviation, principles of flight, aircraft operations, weather, navigation, safety, and FAA rules and regulations.		6 UVU		
SOUTH	Welding	Year	11 & 12	Learn welding safety, theory, and skills while applying understanding to practice welds and projects. Gas, Arc, MIG and TIG welding methods will be used.				
<b>Teacher Education</b>								
SOUTH	Teacher Education	Year	11 & 12	Learn about the field of education. This is a starting point for an education pathway at most Utah colleges. Practicum/externship experiences are part of the course.	Adult Roles, Child Development, Early Childhood Education	6 SLCC 2 USU		
	Online Application Required	Open to Sophomores	<b>‡Black = Recommended Class ‡Red = Required Class/Other</b>					
* Seniors only    **CE-Concurrent Enrollment Credit    *** Awards AAF-M/AAF-S = Applied Advanced Foundation Math/Applied Advanced Foundation Science graduation credit							12/10/2018	