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PROGRAM & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1/S1	T2/S2	T3	SU	AVAILABLE HOURS	FEES
American Sign Language (ASL) Logan Main Campus 	ASL I First & Third Trimesters ONLY First Semester ONLY Introduces students to American Sign Language (ASL) and teaches the basic structure, vocabulary, and grammatical rules of the language. Students will learn about Deaf culture and will become proficient in fingerspelling, facial expressions, and basic conversational/cultural skills required to converse with Deaf individuals. ASL 2 Second Trimester ONLY This course is for students who have completed ASL 1 with a B or better. We will focus on receptive and expressive skills, Deaf culture, and grammar rules. Students will need access to the internet to complete assignments and quizzes outside of class.		None	X	X	X		12:30-2:30	\$15 Fee
Animal Sciences Logan West Campus 	Learn animal nursing, emergency care, veterinary terminology and anatomy. Introduces skills needed to keep animals healthy and to nurse them when they are ill. Skills include: <ul style="list-style-type: none"> obtaining animal health histories and records providing specialized nursing care under the direction of a veterinarian assisting in surgical procedures washing, feeding, and caring for animals understanding animal communication, behavior, and training This is a rewarding career in a growing field. Students interested in transitioning into the adult program need to successfully pass a criminal background check	✓	Juniors and Seniors only	X	X	X		12:30-2:30	\$25 Lab Supplies (per Tri/Sem) \$67 – \$133 Dissection kit, stethoscope, scrubs, etc.





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Auto Collision Logan Main Campus 	This fun program provides an opportunity to repair and paint modern vehicles. Instruction and hands-on experience provide experience on panels and fenders - personal vehicles are rarely allowed. Safety, environmental protection, fundamentals of collision repair, vehicle identification, estimating systems and terminology, frontal impact analysis, mechanical systems analyses, restraints, interior, glass, side/rear impact analysis, hazardous materials, personal safety, refinish safety, and corrosion protection are covered.	✓	None	X	X	X	X	8-2:30	\$15 Lab Fee Approx. \$10 Supplies (Coveralls suggested, not included in above amount)
Automated Manufacturing Logan West Campus 	<ul style="list-style-type: none"> Automation Technician Basics 3D Modeling Introduction to Industrial Robotics Basic Workplace Safety Basic Electrical Theory and Wiring Fluid Power Pneumatics Fluid Power Hydraulics Electrical Motor Controls Programmable Logic Controllers 1 	✓	None	X	X	X	X	8-2:30	\$75 for entire year <i>(not prorated)</i>
Automated Manufacturing AM STEM Academy Broadcast to all High Schools, Logan West Campus, Brigham City Campus 	<ul style="list-style-type: none"> Basic Workplace Safety Basic Electrical Theory and Wiring Fluid Power Pneumatics Electrical Motor Controls Programmable Logic Controllers 1 Automation Technician Basics Electronics Assembly and Soldering 3D Modeling Microcontrollers 1 Microcontrollers 2 Introduction to Industrial Robotics Electronics Fundamentals DC Electronics Fundamentals AC 	✓	None	X	X	X	X	7-8 AM	\$75 for entire year <i>(not prorated)</i>





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<p>Automotive Service Logan Main Campus</p> 	<p>Starts with an overview of automobile equipment and its operating systems. Emphasis will be placed on safety in the auto shop, common hand tools and equipment, and the operation of various systems. Students have the opportunity to complete minor repairs and preventative maintenance procedures on their personal vehicles. As student's progress through the curriculum, they will have an opportunity to learn Automotive Service Excellence (ASE) areas of electrical systems, engine performance, manual drive trains, automatic transmissions, steering and suspension systems, brakes, and other ASE certified areas. Work completed in this course will apply directly to the adult Automotive Service program. The Automotive Service program follows the ASE Maintenance and Light Repair (MLR) Standards. This course is a prerequisite to the Automotive Service II program. This course is individualized and includes extensive hands-on experiences.</p>	✓	None	X	X	X	X	8-2:30	<p>\$20 Lab Fee</p> <p>Approx. \$5 safety equipment</p>
<p>Building Technology Logan Main Campus</p> 	<p>Basic Carpentry – The Building Technology Program gives the student hands-on experience in the actual construction of a home. The student will be involved in all phases from planning and estimating to foundation, framing, and finishing work.</p> <p>All of the classroom and building experiences are conducted by instructors who are experienced in general contracting and teaching. While the primary emphasis of this program is residential construction, certain processes found in commercial building are also covered.</p>	✓	None	X	X	X	X	8-2:30	<p>\$40 refundable tool rental</p>






PROGRAM & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1/S1	T2/S2	T3	SU	AVAILABLE HOURS	FEES
Business Technology Logan Main Campus 	<p>Want to run your own business or work in a business career? Learn topics of your choice. Each course successfully completed will receive credit in the full-time program if enrolled within one year of graduation. Students select from the following subject(s):</p> <ul style="list-style-type: none"> Accounting I & II Adobe Suite Entrepreneurship Microsoft Application Software Operating System Fundamentals Online Applications QuickBooks Pro (Pre-requisite of Accounting I) Social Media Marketing (Pre-requisite of Online Applications) Web Design <p><i>*High School Articulation – Students completing business courses at the high school with a “B” grade or better may receive credit towards completion of the full-time Business Technology program.</i></p>	✓	None	X	X	X	X	8-2:30	\$0 - \$120 Consumable workbooks depending on subject area
Culinary Arts Logan Main Campus 	<p>Prepares students to work in one of the largest employers in the nation. Introduction to the food industry is provided giving lessons in basic food preparation, safety, sanitation, knife skills, equipment, salad bar preparation, catering, table setting, clean up, and vital waiter/waitressing skills. Hair net required.</p> <p>*Students will be required to participate in four (4) five-hour Culinary Events during the course of the enrollment.</p> <p>SUMMER PROGRAM – 8 am – 1 pm • Monday through Friday</p>	✓	None	X	X	X	X	8-2:30 Must register for a 2-hour block	Approx. \$80 tools




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Dental Assisting Logan Main Campus 	<p>For students who plan to pursue a career in the dental field. Students learn prefixes, suffixes, and dental definitions. They will also learn the basics of four-handed dentistry as well as to chart teeth, pass instruments, position patients, mount x-rays, take impressions, pour models, mix cements, and assist the dentist. Students will also learn a variety of general office management skills (scheduling appointments, telephone etiquette, filing charts, billing insurance, etc.). Students interested in transitioning into the adult program need to successfully pass a criminal background check.</p> <p>It is now possible for students who come their Junior and Senior year to complete the entire Dental Assisting program while in high school.</p>	✓	None	X	X	X	X	8-2:30	Supplies approx. \$15-\$1000 <i>(not all due at once, purchase supplies at the beginning of each new course)</i>
Diesel Logan Main Campus 	<p>A series of courses starting with an overview of heavy duty equipment and their operating systems. Emphasis is placed on safety, common hand tools, equipment, and operation of systems. Learn diagnosis, maintenance, and repair on over-the-road trucks, construction equipment, and agriculture equipment; and choose optional 4-wheel drive repair, including repair of transmissions, transfer cases, front/rear differentials, engine overhaul, tune-up, and performance testing.</p>	✓	None	X	X	X	X	8-2:30	\$20 Fee & Approx. \$28 for safety glasses and coversalls




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Drafting Logan Main Campus 	Learn the skills needed to become a drafter. Designers, architects, and engineers all require entry-level and advanced drafters to help produce their drawings. Content areas include: <ul style="list-style-type: none"> • 3D Modeling and Animation Design • 3D Parametric Solid Modeling • Architectural 3D Modeling and Rendering • Architectural Drafting • Basic Computer Aided Drafting • Technical Drafting Sequence of course delivery will be determined in a consultation between the student and/or instructor/department head.	✓	None	X	X	X	X	8-2:30	None
Drug Dosages & Calculations Logan Main Campus 	This class is strongly suggested for students who plan a career in nursing, pharmacy, or medicine. Students will learn medical math from the basics through IV dosages and calculation as well as metric conversions. This course is encouraged for Pharmacy Technician students and a prerequisite for Bridgerland's Practical Nursing program. (Students must earn 85 percent in the course to demonstrate competency requirements for Bridgerland programs)		None	X	X	X	X	12:30-2:30	Approx. \$100 Book
Electronic Engineering Technology Logan West Campus 	<ul style="list-style-type: none"> • Electronics Assembly and Soldering • Electronics Fundamentals DC • Electronics Fundamentals AC • Microcontrollers 1 • Microcontrollers 2 • Drone Technology and Piloting 	✓	None	X	X	X	X	8-2:30	\$75 for entire year (not prorated)




PROGRAM & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1/S1	T2/S2	T3	SU	AVAILABLE HOURS	FEES
Fashion Merchandising & Development Logan Main Campus 	Fashion Merchandising A- Learn the ins and outs of fashion promotion while working on a full-scale fashion show. You will also learn the marketing tricks of the trade through the Cosmetic and Fragrance Industry as you develop a new cosmetic or fragrance product that incorporates market research, advertising elements, product packaging and more. Students will learn to analyze body proportions in order to select & style a fashion wardrobe. By properly identifying body types based off of analysis, you will obtain the skills needed to work in the retail industry or freelance, assisting clients in making better clothing and accessory choices.		None	X				8-2:30	\$15-\$25 consumable supply packet
	Fashion Merchandising B- Dive into the women's & men's apparel & accessory industries by learning the specific styles and details of clothing and accessories, and the construction details that make them what they are. You will also study the heavy hitters of the fashion design industry; their inspiration, trademarks, and impact on the industry. Then try your hand at design as you experience the process by creating a collection on paper. Because fashion is a life cycle, you will also dig into the past and cover fashion history in order to understand where we are today and where the industry is headed. Last but not least, textiles. You will study fibers, construction, textile characteristics and finishes in order to truly understand the apparel industry from the beginning stages of producing raw goods to making a garment.		None		X		X	8-2:30	\$15-\$25 consumable supply packet
	Fashion Merchandising C- Discover the countless fashion career opportunities and learn many of the necessary skills to obtain them, including selling techniques, visual merchandising and display, and promotional event planning. Visual offers endless opportunities to explore creativity by using the principles and elements of design, color psychology and store design. Selling teaches you the ins and outs of the retail industry, how to sell not only your products but also ideas. Proper sales techniques can make or break a business in the fashion industry. Students also get the opportunity to plan and produce a full-scale fashion show while learning the necessary components that go into promotional events.		None				X	8-2:30	\$15-\$25 consumable supply packet
	*High School Articulation – Students completing fashion, marketing, or sewing courses at the high school with a “B” grade or better may receive credit towards completion of the adult Fashion Merchandising & Development program. *Upon successful completion of course, students can earn credit towards the BTECH adult Fashion Merchandising and Development certificate.								







PROGRAM & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1/S1	T2/S2	T3	SU	AVAILABLE HOURS	FEES
Financial Literacy Logan Main Campus	Do you know where your last paycheck went? Have you asked yourself how your money can work for you? Then this course is the perfect training for you. Financial Literacy is designed to teach the basics of personal finance including the following topics: income, money management, spending and credit, saving and investing, consumer protection, and risk management. <i>This course meets the Utah State Office of Education graduation requirement.</i>		None	X	X	X	X	8-2:30	None
Heavy Equipment Operator Logan West Campus 	This course is designed to provide an introduction to the heavy equipment industry and basic heavy equipment operation. Students will be instructed by trained operators that have been employed in the heavy equipment operations industry. Each student will receive hands on experience with the available equipment. The course modules include: <ul style="list-style-type: none"> • OSHA 10 Hour Construction Safety Certification • Orientation to the Trade • Heavy equipment safety • Identification of Heavy equipment • Basic Operator Techniques • Introduction to Earth Moving • Determine and establish grades • Excavation Math • Operate loaders • Operate backhoes • Operate excavators • Operate skid steers 	✓	Valid Driver's License	X	X	X	X	8-10 and 12:30-2:30	\$25 Fee





PROGRAM & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1/S1	T2/S2	T3	SU	AVAILABLE HOURS	FEES
<p>Information Technology (IT) Logan West Campus</p> 	<p>Students may choose from the following courses when prerequisites are met:</p> <p>PC Professional/A+</p> <ul style="list-style-type: none"> Learn to install, configure, and troubleshoot hardware and software on a PC. Students will tear-down and rebuild a PC as part of the course. <p>Networking Technology</p> <ul style="list-style-type: none"> Gain the skills to design, configure, manage, and troubleshoot wired and wireless networks. <p>Security Essentials</p> <ul style="list-style-type: none"> Learn how to secure networks from unauthorized activity through implementation of effective security policy, authentication, and encryption. <p>Introduction to Cybersecurity</p> <ul style="list-style-type: none"> Learn how to recognize threats that could harm your computer system or network. Course will teach beginning cyber security terminology and concepts. <p>Linux Essentials</p> <ul style="list-style-type: none"> Learn the basics of the Linux operating system, including command line, file management, and open-source applications <p>Mac Essentials</p> <ul style="list-style-type: none"> Learn how to navigate, control, and get the most out of a Mac computer. <p>IT STEM Academy (See next page for details)</p> <ul style="list-style-type: none"> Join students from 8 local high schools in an extracurricular IT STEM program. Courses and labs are completed from YOUR high school. All successfully completed courses are transferable into the Information Technology program or the Web and Mobile Development program. <p>All successful coursework from any of the IT high school courses listed transfers directly into either the Information Technology program or the Web and Mobile Development program. Students can also obtain industry recognized COMPTIA certifications like A+, Net+, and Security+. Additionally, graduates from the full IT or Web & Mobile development programs receive a certificate and 30 credits towards a USU Associate of Applied Science degree with an additional pathway to a Bachelor of Science degree.</p>	<p>✓</p>	<p>PC Pro is a prerequisite for Networking Tech.</p> <p>Networking Tech is a prerequisite for Security Essentials.</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>8-2:30</p> <p>Must register for a 2-hour block</p>	<p>\$5-\$35 Fee Per Course</p> <p><i>(CompTIA industry exam fees are extra)</i></p>






PROGRAM & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1/S1	T2/S2	T3	SU	AVAILABLE HOURS	FEES
  <p>Available at these 8 regional high schools</p> <p>Box Elder Bear River Green Canyon Logan High Mountain Crest Rich High Ridgeline Sky View</p> <p>In cooperation with</p>  <p>BRIDGERLAND TECHNICAL COLLEGE</p> 	<p>The IT STEM Academy program provides IT training at your high school culminating in a 900-hour skills certificate and 30 credits toward AAS degree at USU—a \$12,450 value!</p> <p>Students may join the program at multiple entry points during the year. IT STEM courses and labs are funded through a grant at no cost to high school students.</p> <p>Year 1 Course Schedule:</p> <ul style="list-style-type: none"> PC Professional Raspberry Pi I Python Programming OR Web Dev. Essentials Linux Essentials OR Mac Essentials <p>Year 2 Course Schedule:</p> <ul style="list-style-type: none"> Networking Technology Intro. to Cyber Security Required courses not chosen from Year 1 Electives: <ul style="list-style-type: none"> Security Essentials (Prereq: Network Tech.) Raspberry Pi II <p>These additional electives are available summers or post high at Bridgerland campuses:</p> <ul style="list-style-type: none"> Advanced Cyber Security CompTIA A+ Cert.* CompTIA Net+ Cert.* (Prereq: Network Tech.) CompTIA Security+ Cert.* (Prereq: Security Essen.) Linux Server (Prereq: Linux Essentials) Ruby Programming Web Databases – SQL** Server-side Scripting – PHP** Client-side Scripting – JavaScript** Responsive Design** <p>* CompTIA certification exams available at discounted price. ** Web Dev. Essentials is a prerequisite for these courses.</p> <p>Students can receive up to 150 hours of certificate credit for CTE/technology classes taken at their high school.</p>	<p>✓</p>	<p>PC Pro is a prerequisite for all courses.</p> <p>See additional prerequisites listed with courses.</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>X</p>	<p>After School 13 to 4:15 PM M-TH</p> <p>Summers available at Bridgerland campuses.</p>	<p>\$5-\$35 Fee Per Course</p> <p>(CompTIA industry exam fees are extra)</p>





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Interior Design Logan Main Campus 	<p>Students will be introduced to Interior Design basics, starting with design inspiration, basic graphic design, rough sketching, Adobe Photoshop renderings, and Adobe Illustrator. Students will also be introduced to standard research and study of the multiple design styles, definitions, and details of each design style that are relevant to the interior design industry.</p> <p>Students will also be instructed on design concepts and professional presentation skills that develop strong visual and verbal design communication. Students will learn how to apply this instruction to projects and assignments designed to inspire creative thought and develop skills needed to be an interior designer. This training will be used to organizing and develop design concepts, with visuals used for student presentations. Students will be given hands-on creative exercises, to show that they can apply what they have learned, and unify the concepts of design and assignment instruction into a final product.</p> <p>Fees are used to provide supplies and materials for creative exercises and update software used by all high school students.</p> <p>*Upon successful completion of course, students can earn credit towards the BTECH adult Interior Design certificate.</p>	✓	None	X	X	X	X	8-2:30	\$20 Fee (each Trimester) \$40 Fee (each semester)
Machining Technology Logan Main Campus 	<p>Do you like to create things using both your mind and your hands? Use hi-tech equipment such as lathes, mills, and CNC (computer numerical control) equipment to turn and mill surfaces to precise measurements. Advanced students will develop drawings using Computer Aided Drafting (CAD) systems and then build the parts using the CNC equipment.</p>	✓	None	X	X	X	X	8-2:30	\$10-20 supplies & workbooks Advanced Curriculum (after first tri): \$75-128






PROGRAM & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1/S1	T2/S2	T3	SU	AVAILABLE HOURS	FEES
Meat Services Logan Main Campus 	<p>Learn the basic skills for a prosperous and satisfying career in the meat production industry. Students learn harvesting of beef, pork, and lamb; wholesale, retail, and custom meat cutting practices; knife care; purchasing; inspection; merchandising; advertising; and public relations. This hands-on experience enables students to work in an entry-level meat business with excellent job opportunities and high earning potential. This program is equipped with state-of-the-art equipment and provides an amazing environment for meat cutting training.</p> <p>Students will receive their food handlers permit</p>	✓	None	X	X	X	X	8-2:30	\$25 Fee Knives Can rent or buy \$20 - \$120
Media Design Logan Main Campus 	<p>Learn tools and techniques to develop creative internet and print materials. Develop an understanding of the current software applications and methods for design. Build a strong foundation in the diverse fields of graphic design, digital video, and multimedia design.</p> <p>Content areas include:</p> <ul style="list-style-type: none"> • Computer Graphic Design • Computer Illustration • Desktop Publishing • Web Design • Video Production • Animation <p>Sequence of course delivery will be determined in a consultation between the student and/or instructor/department head.</p>	✓	None	X	X	X	X	8-2:30	None
Medical Assisting Logan Main Campus 	<p>This course is the first step in the Medical Assisting Program at Bridgerland Technical College. The course covers Medical Assisting Clinical Procedures I, Medical Law and Ethics, and Workplace Relations. Emphasis will be placed on the role of the Medical Assistant, professionalism, medical law and communications. The course will also include infection control, basic laboratory concepts, and administrative as well as clinical Medical Assisting skills.</p>		Medical Terminology Seniors Only	X	X	X	X	8-10	\$15 Supplies



PROGRAM & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1/S1	T2/S2	T3	SU	AVAILABLE HOURS	FEES
Medical Terminology Logan Main Campus	<p>This class enables students to understand the language of medicine, which is based in Greek and Latin. Students will learn the terminology used in medical transcription, medical assisting, nursing assisting, nursing, physical therapy, and all other health-related fields. This is a prerequisite for the Bridgerland Practical Nursing and Medical Assisting Programs and is strongly recommended for students who plan to pursue and health care career.</p> <p><i>(Students must earn 85 percent or higher in the course to demonstrate competency requirements for Bridgerland Programs)</i></p>		None	X	X	X	X	8-10 12:30-2:30	Approx. \$85 Book
Nursing Assistant (CNA) Logan Main Campus 	<p>Students learn basic nursing assistant skills needed to work in a hospital, nursing home, or home health agency. Students prepare to take the Certified Nursing Assistant state board exam for state certification; the exam is optional and can be taken up to one year after course completion. Students must have a reading level high enough to enable him/her to pass the class and take the state board exam if he/she chooses. Federal/State mandates require that students seeking certification must pass all course exams with 75 percent or higher. A 24-hour externship in a nursing home is a course requirement and 100 hours of training is required to receive certification. Attendance policies are rigidly enforced. Students must provide their own transportation to clinical facilities. Recommended for the Bridgerland Practical Nursing Program and required for most nursing programs</p>		Must be 16 <i>(preference given to seniors)</i>	X	X	X	X	8-10 12:30-2:30 <i>(Semester only offered 8-10)</i>	Approx. \$140-\$260 <i>(includes fees/supplies that are optional)</i>
Pharmacy Technician Logan Main Campus 	<p>The course covers pharmacy state law, key concepts in the workplace, terminology, calculations, prescriptions and prescription labels, routes and formulations, non-sterile compounding, basic biopharmaceutics, and common drugs and their uses.</p> <p>Students who complete three trimesters or two semesters would have completed Pharm Tech I of the adult Pharmacy Technician program.</p>		<i>Seniors Only</i>	X	X	X	X	8-10	\$20 Lab Fee



PROGRAM & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1/S1	T2/S2	T3	SU	AVAILABLE HOURS	FEES
Real Estate Logan Main Campus 	New Real Estate-Home ownership epitomizes the “American Dream” and buying a home is the biggest investment most people make in their lifetime. Students enrolled in this course will be introduced to understanding the sales/marketing process, investing in real estate, and the many steps in buying and selling a home. Focus of the course will also include financing sources, customer relations, the use of advertising and the media, and careers in real estate.		None	X	X	X	X	8-10	None
Web & Mobile Development Logan West Campus 	Learn core Web Development and coding skills currently in high demand with expected growth in the near future. Learn HTML, CSS, MySQL, PHP, JavaScript, jQuery, and Bootstraps while in High School. Classes include: <ul style="list-style-type: none"> • Web Development Essentials - Learn HTML & CSS • Web Databases - Learn MySQL - Web Development Essentials required as a prerequisite • Server-Side Scripting - Learn PHP - Web Databases required as a prerequisite • Client-Side Scripting - Learn JavaScript & jQuery - Server-Side Scripting required as a prerequisite • Responsive Design - Learn Bootstraps - Client-Side Scripting required as a prerequisite <p><i>Upon successful completion of course, students can earn credit towards the BTECH adult Web & Mobile Development certificate. May also be applied towards credit at USU!</i></p>	✓	None	X	X	X	X	8-2:30 2-hour block	None
Welding Technology Logan Main Campus 	Offers basic welding training in seven welding processes. The class will teach entry-level skills for production and industrial employment. Blueprint reading, welding inspection, basic metallurgy, layout, and fabrication skills are taught with hands-on welding. Basic courses are offered every trimester. Students who enroll for consecutive trimesters will work towards a BTECH welding certificate including robotics and welder qualifications. Students will be eligible to receive a Bridgerland Welding completion certificate when all requirements are met.	✓	None	X	X	X	X	8-2:30	Supplies and workbooks approx. \$30-\$80

NOTE: Summer sections are from 8 a.m. to 12 p.m. unless otherwise noted. No tuition for Utah residents.