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INTO POST-SECONDARY COLLEGE PROGRAMS
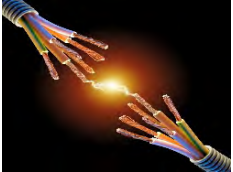
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All Bridgerland Technical College 900+ clock-hour certificates are worth 30 credits at Utah State University. That's half way to an Associate of Applied Science degree in General Technology (with no transfer costs)! Learn more about this exciting educational pathway at https://btech.edu/students/pathway/

COURSES & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1	T2	T3	SU	AVAILABLE HOURS	COSTS
Automated Manufacturing Brigham City Branch Campus	Those in the Automated Manufacturing industry have some of the highest starting wages in the local area. Come learn valuable industry experience in industry-driven courses. Courses include: • Basic Electrical Theory and Wiring • Automation Technician Basics • Fluid Power Pneumatics • Fluid Power Hydraulics • Industrial Mechanics • Electrical Motor Controls • Electric Motors & Drives • Programmable Logic Controllers 1 • Sensors • Introduction to Industrial Robotics • Skills and Troubleshooting Certification • Plus, electives! Some employers who hire graduates: https://btech.edu/certificate/automated-manufacturing	✔	None	X	X	X	X	7 a.m. - 2:30 p.m. **Must register for a 2-hour block**	None
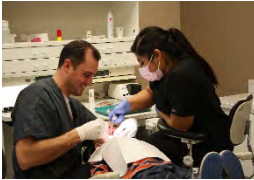
COURSES & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1	T2	T3	SU	AVAILABLE HOURS	COSTS
AM|STEM ACADEMY Available at these 8 regional high schools: Bear River Box Elder Green Canyon Logan Mountain Crest Rich Ridgeline Sky View In Cooperation with **BRIDGERLAND** TECHNICAL COLLEGE **UtahState** University	The AM STEM Academy provides training at local high schools. Courses include: • Basic Electrical Theory and Wiring • Automation Technician Basics • 3D Modeling • Electronics Assembly and Soldering • Fluid Power Pneumatics • Electrical Motor Controls • Programmable Logic Controllers 1 • Sensors • Electronics Fundamentals DC • Electronics Fundamentals AC • Introduction to Industrial Robotics • Microcontrollers 1 • Microcontrollers 2 Students may start at their local high school as early as Freshman or Sophomore year, with teacher approval. Many students attend year round for multiple years in a row. www.btech.edu/amstem	✓	None	X	X	X		Before school starting at 7:00 a.m. Mon - Fri Summers & daytime available at Bridgerland Campuses	None

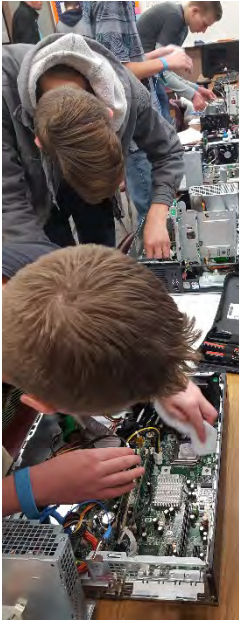| COURSES & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1	T2	T3	SU	AVAILABLE HOURS	COSTS
Business Technology Brigham City Branch Campus	Learn a wide variety of skills for small and large business environments. Courses Include: • Accounting I & II • Adobe Suite • Business Math • Digital Applications • Entrepreneurship • Microsoft Application Software • QuickBooks Pro (Pre-requisite of Accounting I) • Social Media Marketing (Pre-requisite of Digital Applications)	✓	None	X	X	X	X	8 a.m. - 2:30 p.m.	$0 - C120 consumable workbooks
Cosmetology/ Barbering Brigham City Branch Campus	Students learn the "why" during Cosmetology/Barbering theory classes. They learn the "how" while participating in practical demonstrations, hands-on classes, and through completion of service tasks on mannequins, live models, and customers. **Basic – Intermediate Skills** • Analysis, Consultations, Professionalism • Hair & Scalp Care • Wet & Dry Hairstyling • Manicures & Pedicures • Safety & Blood Exposure • Shampooing & Draping • Perms **Intermediate – Advanced Skills** • Haircutting – shears, clippers, razors • Hair Coloring/Lightening • Hair Removal – tweeze/wax • Business Skills • Barbering/Shaves • Facials/Cosmetics/Lashes • Advanced Nails Students must attend one theory class per day; no theory classes are scheduled after 2:00 p.m.	✓	Must be 16	X	X	X	X	8 a.m. - 4:30 p.m. **SUMMER PROGRAM** 8:00 a.m. – 2:30 p.m. Mon. – Fri.	Materials: Approx. $25-$450 Consumable workbooks, Basic High School Supply Kit and uniform

COURSES & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1	T2	T3	SU	AVAILABLE HOURS	COSTS
Dental Assisting Brigham City Branch Campus	Students will be trained in four-handed dentistry assisting; including, general dental procedures, taking digital radiographs, passing instruments, pouring models, infection control and sterilization, taking impressions, and mixing cements. A variety of general office management skills, including scheduling appointments, telephone etiquette, insurance, etc. will be taught. Additionally, students may receive their Utah Oral Health and Safety Radiation Certificate. High school students transitioning to the adult program will be required to submit to a background check when they turn 18.	✓	Juniors and Seniors only	X	X	X	X	8 a.m. - 2:30 p.m.	$15-$35 per course for consumable materials
Financial Literacy Brigham City Branch 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: savings, budgets, debt, consumer awareness, credit bureaus, insurance, investments, retirement, savings plans, and real estate. *This course meets the Utah State Office of Education graduation requirement.*		None	X	X	X	X	8 a.m. - 2:30 p.m.	$100 (Online Book Code)

COURSES & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1	T2	T3	SU	AVAILABLE HOURS	COSTS
Information Technology (IT) Brigham City Branch Campus	Students may choose from the following courses when prerequisites listed are met: **PC Professional ($30 fee)** • Learn foundational IT concepts, including installing, configuring, and troubleshooting PC hardware and software. Students will tear-down and rebuild a PC and laptop as part of the course. **Networking Technology ($30 fee)** • Gain the skills to configure, manage, and troubleshoot wired and wireless networks. **Security Essentials ($30 fee)** • Learn how to secure networks from unauthorized activity through effective security policy, authentication, and encryption. **Intro to Ethical Hacking ($5 fee)** • Sample both defensive and offensive security in an introductory, projects-based course. **Linux Essentials ($5 fee)** • Learn the basics of the Linux operating system, including command line, file management, and open-source applications. **AWS Cloud Foundations (Amazon Web Services) ($5 fee)** • Gain a basic understanding of cloud concepts, AWS services, security, and architecture. **IT STEM Academy (See next page for details)** • Join students from 8 local high schools in an extracurricular IT STEM Academy. Courses and labs are completed from YOUR high school at no cost CompTIA certifications (A+, Network+, and Security+) and AWS Certified Cloud Practioner certification are available with advanced preparation. Exam fees are extra.	✓	PC Pro is a prerequisite for Networking Tech. Networking Tech is a prerequisite for Security Essentials and Cybersecurity & Ethical Hacking	X	X	X	X	8 a.m. - 2:30 p.m. **Must register for a 2-hour block**	$5 - $30 Fee Per Course *(CompTIA & AWS industry exam fees are extra)*

COURSES & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1	T2	T3	SU	AVAILABLE HOURS	COSTS
IT|STEM ACADEMY **Available at 8 regional high schools** Bear River Box Elder Green Canyon Logan Mountain Crest Rich Ridgeline Sky View **In cooperation with** **BRIDGERLAND** TECHNICAL COLLEGE **UtahState University**	The IT STEM Academy provides IT training at your high school. Available in grades 9 through 12, students may join at multiple entry points during the year. IT STEM courses and labs are funded through a grant at no cost to high school students. Year 1 Course Schedule: • PC Professional • Raspberry Pi • Web Development Essentials • Python Programming Year 2 Course Schedule: • Networking Technology • AWS Cloud Foundations (Amazon Web Services) • Linux Essentials • Intro to Ethical Hacking Additional electives are available summers or post high school, including: • Security Essentials • CompTIA Certifications in A+, Network+, Security+ * • Additional Web & Mobile Development courses ** CompTIA & AWS certification exams available for an additional fee.* Students can receive up to 150 hours of certificate credit for CTE/technology classes taken at their high school. For more information, contact Bonnie Campbell, IT STEM Coordinator, bcampbell@btech.edu.	✓	PC Pro is a prerequisite for all courses. Network Tech is a prerequisite for AWS, Linux, and Intro to Ethical Hacking See Coordinator for elective prerequisites	X	X	X	X	After School Mon - Thurs 3 p.m. – 4:15 p.m. Summers available at Bridgerland campuses.	None *(CompTIA & AWS industry exam fees are extra)*

COURSES & LOCATION	BRIEF DESCRIPTION	MAY REPEAT	BTECH PREREQUISITE	T1	T2	T3	SU	AVAILABLE HOURS	COSTS
Nursing Assistant (CNA) Brigham City Branch Campus 	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 them to pass the class and take the state board exam if they choose. Federal and State guidelines mandate 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.		Must be 16	X	X	X	X	8 a.m. – 10 a.m.	Approx. $140-$260 (includes $130 in optional supplies & testing fee)

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