OTECH PROGRAMS HIGH SCHOOL – QUICK REFERENCE

PROGRAM	AGE/ GRADE	PRE-ENROLLMENT TESTING	CREDITS	AVERAGE COMPLETION	NOTES
Automotive	*16 or Sophomore year completed*	none	*31*	~21 Months	==Taught at BDO campus== Driver's license or learner's permit needed. Has electrical and math. 1/3 theory, 2/3 hands-on.
Barbering	*Summer before Senior year*	none	25	~15-20 Months	
Cosmetology	*Summer before Senior year*	none	*44*	~24-26 Months	Encourage students to promptly invest in the full kit essential for their Cosmetology program. Note that program completion will not align with high school graduation. Emphasize the commitment to attendance, especially during the Basics (first 4 classes), as State Hour requirements necessitate a set number of hours that cannot be 'made up'.
Culinary Arts	*16 or Sophomore year completed*	none	*30*	~20 Months	Stress the physical demands of the industry, with long periods of standing, group work, noisy, Fast-paced environment. Basic math – fractions, conversions.
Nail Tech	*Summer before Senior year*	none	*9*	~5 Months	5 months if students is doing 16 hrs a week

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Composites	16 or sophomore year completed	none	*20*	14 Months	==Taught at BDO campus== Day M-F 8-11 or/and 12-3; Evening T-Th 4-8 Combines creativity, problem-solving, and cutting-edge technology with materials that are super strong and light weight. Learn molding, shaping, repairing and assembly to build things for aerospace, automotive, sports equipment & more.
CNC Machinist Technician	16 or sophomore year completed	none	*6*	4 Months	Interested High School Students begin machining with CNC Machinist Tech.
Machinist	16 or sophomore year completed	none	*25*	17 Months	Most local employer partners cover Tuition for their employees to go through this program. Program covers blueprint reading, set up, inspection, programming of machines. Get your hands on lathes & milling machines. Learn how to program machines to create the intricate parts that make our industrial world run.
Manufacturing Tech	16 or sophomore year completed	none	*4*	3 Months	A great way to experience an overview of Industrial Automation, covering basic skills and knowledge needed to work as a technician in the manufacturing field.
Industrial Automation	16 or sophomore year completed	none	*30*	20 Months	Learn to design, program, and troubleshoot automated systems. 50% theory 50% hands-on. High demand job that offers a predictable environment of 75 degrees, 30% humidity.

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Welder	16 or sophomore year completed	none	*30*	20 Months	90% in shop, 10% bookwork Team environment. (In manufacturing, welders are the people who make the stuff.)
Non-Destructive Inspection	16 or sophomore year completed	HS Math with B or better within 3 years or ATC score of 17 or better.	*32*	22-24 Months	<mark>Taught at BDO campus</mark> 8-11; 12-3 (M-F) 8-11; 12-3; 5-9 (T-Th) Work with Engineers to inspect materials for flaws and to report on conditions. Great match if you love science & math. (In manufacturing, NDI are the people that check the quality of the stuff people make.)
Computer Aided Design	16 or sophomore year completed	HS Math with B or better within 3 years or ACT score of 17 or better.	*30*	20 Months	Prepares students for entry level jobs in the following industries: Architecture Design, Structural Design, Interior Design, Manufacturing Design, & Additive Manufacturing Design (In manufacturing, CAD are the people who create the drawings that will be passed on to the people would make the stuff.)
Controls Technician	16 or sophomore year completed		*48*	?	Must complete Industrial Automation to continue to this certificate. (In manufacturing, these are the people who program the robots and work with the engineers to automate manufacturing.) Stacks onto upper level technician who works directly with the engineers to build machines and implement process improvement such as robotics, data, acquisition, high speed cameras, and more.

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PROGRAM	AGE/ GRADE	TESTING/PROGRAM APPLICATION PROCESS	CREDITS	AVERAGE COMPLETION	NOTES
Dental Assisting	Second semester of Junior year	-Reading Test or 21 on ACT in reading -Screenshot of receipt from Tiburon Exchange showing transaction ID.	*29*	18-24 Months (1 year, 6 wks if parttime)	*Hybrid instruction* M-W 8am-8pm Th-F 8 am-4pm In-person orientation during first scheduled week of class. Unpaid externship of 90 hours at end of program (which takes 3 wks-month.)
Medical Coding and Billing	Second semester of Junior year	Reading Test or 21 on ACT in reading Only health program that does not require a background check.	*30*	18-21 Months	*Hybrid instruction* Certified Professional Coder, CPC. Course prepares student to take the National Certification. (full year high school course) Anatomy & Physiology (B from HS, C from CE) Medical Terminology (1/2 year high school course)
Medical Assistant	Second semester of Junior year (needs to be 18 to do externship)	-Reading Test or 21 on ACT in reading -Screenshot of receipt from Tiburon Exchange showing transaction ID.	*28*	20-24 Months	*Hybrid instruction* First foundation classes are online, labs and skills scheduled on campus. Day and evening scheduling options for skills. Unpaid externship of 180 hours at end of program.
Nursing Assistant (CNA)	State requirement, student needs to be 16 on the first day of class	--Screenshot of receipt from Tiburon Exchange showing transaction ID -TB test (less than 12 mo. old) -Food Handler's Permit	*3*	2-3 Months	All in-person classes. State written and skills test, and 24- hour clinical at end of program. Not lock step so you can finish earlier.
Practical Nursing****	18 or older with a high school diploma.	-list on otech.edu/practical-nursing > requirements Special application process. Pre-requisite classes completed. College GPA and grade requirements. CNA certification, patient care work experience.	*28*	10 Months after being accepted. Bridges to Weber State's RN.	Not available to HS students. HS students may do some pre-requisite classes CE, and do their CNA certification while in HS, work experience also important.

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Pharmacy Tech	Seniors only	-Reading Test or 21 on ACT in reading -Math test or complete Math 1 class. -Valid driver's license or State ID -If 18 or older, Technician in Training License through the State of UT DOPL. If under 18, will apply for license after 18th birthday but may start Program after pre-enrollment math and reading testing is complete.	*19*	12-15 Months	*Hybrid instruction* Foundation classes online, skills and labs scheduled on campus. Day and evening times available for skills. High School Diploma, GED or state-issued equivalent and 18 years of age by the time of program completion for externship and licensing requirements. Background check and License application process different than other health programs. Unpaid 200-hour externship at end of program. Anywhere they have meds: phycologist ward, dr offices, every 'DR' field. Only hybrid program in the state. Not lock step, so students don't get left behind. 100% placement the last 6 years.
Phlebotomy	Must be 18			7 weeks	*Hybrid instruction (combo of on-line and in class learning with hands-on labs)*

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Business	16 or have completed Sophomore year	-Reading Test or 17 on ACT in reading -GPA 3.0	*30*	36 Months	Hybrid Students expected to try every assignment with the ability to test out with competency. Weekly phone check-in required w/ course instructor. Not lecture based.
Cybersecurity	16 or have completed Sophomore year				
Software Development	16 or have completed Sophomore year	-Reading Test or 17 on ACT in reading -Math test or complete Math 1 class.	*28*	19 Months	Hybrid Alternate doc for math testing – HS math w/ B or better within past 3 years or ACT of 17
Digital Design	16 or have completed Sophomore year	-GPA 3.0 or 17 on ACT in reading	*30*	20 Months	
Information Technology	16 or have completed Sophomore year	-GPA 3.0 or 17 on ACT in reading	*26*	24 Months	Hybrid Core of 330, then fill remaining hours with elective work. Programming is not programing video games or design. Involves networking, cybersecurity, hardware & software repair.
Real Estate	Must be 18		*4*	3 Months	

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Construction	16 or have completed Sophomore year	*none*	6	2 Months	<mark>Summer Only</mark> Students can enroll in both of two blocks Next block is June 2024. M-F 8-11, 12-3
Electrical Trades Preparation	16 or have completed Sophomore year	*None*	8	6 Months	Day & Evening classes available Students can enroll in both of two blocks. This course is basically the 1st 6 months of apprenticeship. If enrolled by April, they can start Apprenticeship class by August.
Electrician Apprentice	Senior or 18	*none*	24	32 Months	Students must be licensed as an Electrician for this program & working in the field. Semester Enrollment Level A starts in August Level B starts in January
Plumber Apprentice	Senior or 18	*none*	24	32 Months	Semester Enrollment Level A starts in August Level B starts in January M, W 6-9

Plumber and Electrician are industries where you can change your job without changing your career. Wide variety of work environments.

Bookwork/Canvas and labs. No lecture formats, with a few exceptions. They have ownership before they approach instructors. They will need to study. There are tests.

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