



Wyoming Community College Commission 2019-2020 Academic Program Review Report

The Annual WCCC Academic Program Review Report is designed to provide condensed program information for the WCCC in order to carry out WCCC's statutory review and oversight function as per W.S. 21-18-202 d(ii):

Review existing programs, determine the most effective and efficient delivery of programs qualifying for state funding pursuant to the statewide community college system strategic plan and terminate state funding for those programs which are inconsistent with the statewide community college system strategic plan;

The WCCC Academic Affairs Council (AAC) members designed this report by integrating information from the colleges' program review processes with additional current data along with other pertinent program-specific information. All of the community colleges' program review processes contain more review criteria than are reported to the WCCC members in this report.

The WCCC did a final review of the format of this report in 2013 and the first Annual WCCC Academic Program Review Report was created in the same year. For the report, all credit program or program cluster reviews are reported to the WCCC once every five years. This annual report is planned for distribution to the commissioners before the fall quarterly WCCC meeting. The individual community colleges use a variety of internal review cycles. The review cycle length for some programs is influenced by program specific-accrediting agencies. The Annual WCCC Academic Program Review Report is comprised of two components:

Part A

Each community college's Program Review Summary (Excel spreadsheet template) is for program reviews reported to the WCCC that academic year. This document contains yearly updated information to include the previous academic year.

Part B

The Executive Overview of Program Review in Part B, is specific to each community college's program or a cluster of related programs. These program reviews include information from the most recent program review conducted. The community colleges include, at their discretion, information regarding: specialized accreditation, advisory committee actions, employment information, program improvements, student engagement, course grades, quality indicators, articulation agreements, retention rates, student outcomes, class size restrictions, faculty qualifications, sufficiency of resources, and/or capacity to improve/advance the program. However, these reviews are designed to be brief and to only address a few of these topics.

The complete report will be posted to the WCCC website under "Reports". The 2020 program reviews or cluster of program reviews reported to the WCCC include:

- Agriculture
- Education
- Legal Professions and Studies
- English Language and Literature
- Homeland Security, Law
- Mechanic and Repair

Academic Program Review Report

Reported: AY 2019-2020		Eastern Wyoming College				
Program name or cluster (group of related programs)	Agriculture	Education	English	Criminal Justice	Gunsmithing	
CIP code(s)	01.0102, 1.0104, 01.0302, 01.0303, 01.1106, 01.9999	13.1202, 13.1205, 13.1210, 13.1303, 13.1311, 13.1314	23.0101	43.0102, 43.0104, 43.0113	47.0402	
Name of credential(s)	AGAO.AS, AGBO.AS, AGBSS.AS, AGCO.AS, AGE0.AS, AGSO.AS, FRCH.AAS, AGBP.CD, AQTK.C, REWM.AS, AGPC.AAS, AGPC.CD	EEDL.AA, ELED.AA, SCAO.AA, SCED.AA, SCPO.AA, ECC.CD, ECDL.CD, EDEC.AA, EDL.AA, BSED.AS, MTED.AA, PEAC.AA	ENGL.AA	CJCC.CD, CJCDL.CD, CJCR.AA, CMJT.AAS, CJRDL.AA	GUNS.AAS	
Active Partnerships (Yes/No)	Y	Y	N	Y	Y	
Name of specialized accreditation organization (if applicable)	N	N	N	N	N	
Active Advisory Committee (Yes/No)	Y	Y	N	Y	Y	
Offering mode: Traditional (T), Distance (D), Hybrid (H)	trad;hybrid	trad;distance;hybrid	trad;distance	trad;distance	trad	
Four letter course prefix	AECL, AGE0, AGRI, AGTK, ANSC, AQTK, CROP, EQST, REWM, RNEW, SOIL	EDEC, EDEL, EDEX, EDFD, ITEC, LIBS EDUC.	ENGL, JOUR, FREN, SPAN, SPPA	CRMJ	GUNS	
Credit hour enrollment in courses with the course prefix (above) for the past five academic years	AY 19-20	968	827	1893	1623	363
	AY 18-19	1280	851	2192	2068	
	AY 17-18	1497	885	2346	1351	
	AY 16-17	1510	985	2550	1979	
	AY 15-16	1578	1039	2979	1594	
Number of declared majors for the past five academic years	AY 19-20	56	67	2	21	15
	AY 18-19	65	62	2	16	
	AY 17-18	87	75	2	4	
	AY 16-17	79	86	0	14	
	AY 15-16	70	80	0	15	
Number of program graduates (and/or certificate earners) for the past five academic years	AY 19-20	19	13	0	4	0
	AY 18-19	20	9	0	0	
	AY 17-18	19	15	1	0	
	AY 16-17	19	9	0	1	
	AY 15-16	21	24	0	0	
Number of community college service area resident program graduates for the past five years	AY 19-20	1	3	0	2	0
	AY 18-19	4	1	0	0	
	AY 17-18	1	5	0	0	
	AY 16-17	3	4	0	1	
	AY 15-16	2	11	0	0	
Total number of Wyoming resident program graduates for the past five years	AY 19-20	11	11	0	3	0
	AY 18-19	8	6	0	0	
	AY 17-18	12	9	1	0	
	AY 16-17	14	7	0	1	
	AY 15-16	11	20	0	0	
Plan for assessment follow-up: (none, in-	in-progress	in-progress	in-progress	in-progress	in-progress	

Academic Program Review Report

Reported: AY 2019-2020		Laramie County Community College				
Program name or cluster (group of related programs)	Agriculture	Education	Pre-Law Studies	English Language and Literature	Criminal Justice/ Safety Studies	Autobody/Collision and Repair Technology
CIP code(s)	01.0101, 01.0106, 01.0301, 01.0507, 01.0901, 01.1106	13.0101, 13.1202, 13.1205, 13.1210, 13.1312, 13.1314, 13.1330	22.0302	D/C	43.0103, 43.0104, 43.0199, 43.0203	47.0104, 47.0201, 47.0303, 47.0603, 47.0604, 47.0605
Name of credential(s)	AAS - Ag Production Technology, AAS - Agribusiness Technology (D/C), AAS - Agriculture & Equine, AAS - Equine Training Mgmt, AAS - Technical Agriculture Operations (D/C), AS - Agricultural Business, AS - Agriculture - Rangeland Ecology and Management Concentration (D/C), AS - Animal Science, AS - Equine Business Mgmt (D/C), AS - Equine Science, AS - Natural Resource Management (New), CD - Equine Training	AA - Early Childhood Education, AA - Education (D/C), AA - Education, Elementary Education (D/C), AA - Elementary & Early Childhood Education, AA - Music, Instrumental Education, AA - Music, Instrumental Performance, AA - Music, Vocal Performance, AA - Secondary Education, AA - Spanish, Education Concentration, CD - Exercise Science - Coaching	AAS - Paralegal, CERT - Paralegal		AA - Criminal Justice, AA - Criminal Justice, Corrections/Pre-Law (D/C), AA - Criminal Justice, Law Enforcement (D/C), AAS - Fire Science Technology	AAS - Auto Body Repair, AAS - Automotive Technology, AAS - Diesel Technology, AAS - Heating, Ventilation, AC/Refrigeration, AAS - Trades & Technical Studies, CD - Automotive Body Repair, CD - Automotive Technology, Engine Management/Drivability, CD - Automotive Technology, Under Car/HVAC, CD - CIS, Datacenter Technician, CD - Diesel Technology, CD - Heating, Ventilation, and Air Conditioning/Refrig, CD - Industrial Maintenance, CD - Industrial Systems Technology
Active Partnerships (Yes/No)	Yes	Yes	Yes		Yes	Yes
organization (if applicable)	Wyoming Weed and Pest	N/A	ABA Accreditation		N/A	Professional Development Program
Active Advisory Committee (Yes/No)	Yes	No	Yes		No	Yes
Offering mode: Traditional (T), Distance (D), Hybrid (H)	trad., distance	trad, distance, hybrid	trad, distance, hybrid		trad, distance, hybrid	trad, distance, hybrid
Four letter course prefix*	AECL, AGECE, AGRI, ANSC, RGMG, EQST	EDEC, EDEL, EDEX, EDFD, EDST, EDUC, FCSC, HLED, ITEC, PEPR	LEGL		CRMJ	AUBR, AUTO, CMAP, DESL, HMDV, HVAC, IST, PTEC
Credit hour enrollment in courses with the course prefix (above) for the past five academic years	AY 19-20	2117	3139	240	933	6346
	AY 18-19	1973	3130	291	786	4373
	AY 17-18	1748	3069	258	699	4424
	AY 16-17	2597	2872	171	744	4276
	AY 15-16	2551	3079	261	738	4650
Number of declared majors for the past five academic years	AY 19-20	146	282	30	159	152
	AY 18-19	135	278	30	149	125
	AY 17-18	138	294	33	143	104
	AY 16-17	154	292	28	136	105
	AY 15-16	128	263	25	133	88
Number of program graduates (and/or certificate earners) for the past five academic years	AY 19-20	25	57	5	16	91
	AY 18-19	29	55	9	15	94
	AY 17-18	23	54	8	20	10
	AY 16-17	34	53	6	16	42
	AY 15-16	25	61	4	16	56
Number of community college service area resident program graduates for the past five years	AY 19-20	12	52	5	11	67
	AY 18-19	8	38	9	10	72
	AY 17-18	7	39	8	18	81
	AY 16-17	10	46	6	14	27
	AY 15-16	6	54	4	15	40
Total number of Wyoming resident program graduates for the past five years	AY 19-20	14	54	5	12	81
	AY 18-19	11	47	9	13	79
	AY 17-18	9	46	8	19	97
	AY 16-17	18	48	6	15	35
	AY 15-16	11	59	4	15	45
progress or done	in-progress	in-progress	in-progress		in-progress	in-progress

* Course prefix's used in counting enrollment numbers.

Academic Program Review Report

Reported: AY 2019-2020		Northwest College			
Program name or cluster (group of related programs)		Agriculture (Agriculture Business, Farm and Ranch Management, Agriculture Production, Agroecology, Equine Business Management, Equine Riding and Training, Farrier [inactive since 2017], Agriculture Communications, Animal Science, Range Management, Veterinary Assistant)	Education (Elementary Education, Secondary Education, Early Childhood Education, Agriculture Education, Assistant Coach, Head Coach)	English Studies	Criminal Justice
CIP code(s)		01.0102, 01.0104, 01.0301, 01.0304, 01.0507, 01.0802, 01.0901, 01.1106, 01.8301	13.0202, 13.1205, 13.1210, 13.1301, 13.1314	23.0101	43.0104
Name of credential(s)		AS, AAS, Certificate	AA, AS, Certificate	AA	AA, AAS, Certificate
Active Partnerships (Yes/No)		Yes	Yes	Yes	Yes
Name of specialized accreditation organization (if applicable)		No	No	No	No
Active Advisory Committee (Yes/No)		Yes	No	No	Yes
Offering mode: Traditional (T), Distance (D), Hybrid (H)	Traditional	Traditional, distance, hybrid	Traditional, distance, hybrid	Traditional, distance, hybrid	Traditional, distance, hybrid
Four letter course prefix		AECL, AECL, AGECL, AGECL, AGRI, AGRIL, ANSC, ANSCL, CROP, CROPL, EQST, EQSTL, FDSD, FDSDL, HORT, RGMG	EDEC, EDEL, EDEX, EDFD, EDST, EDUC, EDUCL, ITEC, LIBS	ENGL, ENGLL	CRMJ
Credit hour enrollment in courses with the course prefix (above) for the past five academic years	AY 19-20	746	250	1037	293
	AY 18-19	740	321	1048	284
	AY 17-18	880	409	1309	296
	AY 16-17	1158	424	1410	321
	AY 15-16	1300	377	1378	240
Number of declared majors for the past five academic years	AY 19-20	118	78	12	45
	AY 18-19	113	86	19	54
	AY 17-18	130	102	11	61
	AY 16-17	132	108	13	72
	AY 15-16	142	110	15	58
Number of program graduates (and/or certificate earners) for the past five academic years	AY 19-20	26	19	3	12
	AY 18-19	34	24	2	12
	AY 17-18	30	33	1	14
	AY 16-17	28	25	2	14
	AY 15-16	30	24	3	6
Number of community college service area resident program graduates for the past five years	AY 19-20	6	15	3	10
	AY 18-19	9	18	2	11
	AY 17-18	9	18	1	11
	AY 16-17	10	16	2	5
	AY 15-16	8	16	3	3
Total number of Wyoming resident program graduates for the past five years	AY 19-20	8	16	3	10
	AY 18-19	15	21	2	11
	AY 17-18	16	24	1	11
	AY 16-17	15	19	2	8
	AY 15-16	9	19	3	4
Plan for assessment follow-up: (none, in-	Done	Done	Done	Done	Done

Academic Program Review Report

Reported: AY 2019-2020		Western Wyoming Community College						
Program Name	Education	Legal Professions - Pre Law	English Language and Literature	Homeland Security - Law Enforcement	Emergency Management Certificate	Mechanical Technology, Industrial Maintenance, Powerplant, and Repair	Mining Technology	
CIP code(s)	13.1202; 13.1205; 13.1305; 13.1330; 13.1318; 13.1202; 13.1205; 13.1311; 13.1314; 13.1316	22.0001	23.0101; 23.1302	43.0	43.9999	47.0604; 47.0605; 47.0101; 47.0699; 47.0614; 47.0604; 47.0605; 47.0303	47.9999	
Name of credential(s)	AA.EL&EC, AA.SEED - END DATE 7/26/2019, AA.SEENG, AA.SESPAN, AA.SESS, AS.EL&EC, AS.SEED - END DATE 7/26/2019, AS.SEMATH, AS.SEPE, AS.SESCI	AA.LAW - END DATE 4/1/2017	AA.ENGL, CRWT	AA.CRMJ, AAS.LAW - END DATE 6/28/2019, POLICE - END DATE 6/28/2019	EMGT - END DATE 8/9/2020	AAS.ELECT&INST, AAS.MAINT, AAS.PLOP, AAS.PWRS - END DATE 8/9/2020, AFVT - END DATE 8/9/2020, AUTO D&HEQP - END DATE 7/26/2019, DIESEL, DIESEL.CDL - END DATE 7/26/2019, DIESEL.MINE, ELTR.01, ELTR.APP, INDUS.MECH, INDUS.WELD, MNTMECH.IND, PLANTOP, PWRPLNT, PWRSPRT	AAS.MINE, AAS.SAFE - END DATE 4/01/2017, ELEC.MM MINE SAFE - END DATE 4/01/2017, SURFACEMAINTECH, UNDERGROUNDMAINTMECH	
Active Partnerships (Yes/No)	Yes					Yes	Yes	
Name of specialized accreditation organization (if applicable)								
Active Advisory Committee (Yes/No)	Yes						Yes	
Offering mode: Traditional (T), Distance (D), Hybrid (H)	All	All	All	All	All	All	All	
Four letter course prefix	EDFD, EDCI, EDEX, EDEL, EDEC	POLS, HIST	ENGL	CRMJ, SOC, EMGT	EMGT	ELTR, INDM, PLOP, PWRS, AFVT, AUTO, DESL, WELD, CMPT, MCH, MINE, OGPT, TECH, ELAP	MINE, SAFE, ELTR, INDM, WELD, DESL, TECH	
Credit hour enrollment in courses with the course prefix (above) for the past five academic years	AY 19-20	877	2982	6164	1228	117	6221	5168.5
	AY 18-19	953	2949	6439	1615	201	6637.5	6228
	AY 17-18	953	3559	6612	1551	147	6872	6991
	AY 16-17	1048	3771	7306	1972	120	6853	6161.5
	AY 15-16	835	2787	6477	1489	48	7257.5	6179.5
Number of declared majors for the past five academic years	AY 19-20	148	1	21	136	9	261	38
	AY 18-19	167	2	25	158	4	266	46
	AY 17-18	189	4	33	176	6	291	47
	AY 16-17	225	11	35	161	8	341	55
	AY 15-16	193	10	30	156	4	311	47
Number of program graduates (and/or certificate earners) for the past five academic years	AY 19-20	19	0	3	12	2	59	10
	AY 18-19	22	0	6	14	0	44	15
	AY 17-18	32	2	6	26	0	58	19
	AY 16-17	28	3	5	18	0	75	18
	AY 15-16	29	2	6	16	0	53	9
Number of community college service area resident program graduates for the past five years	AY 19-20	18	0	2	10	2	55	10
	AY 18-19	19	0	6	10	0	42	15
	AY 17-18	27	1	4	17	0	51	17
	AY 16-17	24	3	5	15	0	71	17
	AY 15-16	23	2	6	15	0	42	9
Total number of Wyoming resident program graduates for the past five years	AY 19-20	18	0	2	10	2	55	10
	AY 18-19	19	0	6	11	0	44	15
	AY 17-18	29	1	4	18	0	52	17
	AY 16-17	25	3	5	16	0	71	17
	AY 15-16	25	2	6	15	0	42	9
Plan for assessment follow-up:	(none, In-Progress	None	In-Progress	In-Progress	None	In-Progress	In-Progress	

Executive Overview of Program Reviews

Casper College

Name of program(s): Associate of Arts, Paralegal Studies; Paralegal Certificate

CIP Code(s): 22.0302

Date this report is presented to the WCCC: January

2021 Academic year review was done: 2019-2020

Credential(s) awarded: 6

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The paralegal program is designed to train students to provide and assist in the economical and efficient delivery of legal services both locally and nationwide. Our program offers to degree options. First, an AA degree for students who desire to enter the workforce immediately or transfer to a university for complete a BA degree. Most solo practitioners and firms require only an AA degree and/or certification. Students who have completed our program with an AA degree qualify to sit for the national certified paralegal exams offered through the National Association of Legal Assistants. Government funded positions, like the Attorney General or District Attorney's office often require a BA degree in addition to a Paralegal Certificate and certification. The second option offered by the program is the Post-Bachelor's Certificate for students who have already completed a BA degree. This certificate also qualifies students to sit for the national certification exams. Nearly all firms, solo practitioners and legal entities employ paralegals at some level. In addition, the skills taught by the paralegal program are highly transferrable into additional fields such as human resources, risk management and administration.

Name of program(s): Associate of Applied Science in Criminal Justice;

Associate of Arts, Criminal Justice; Associate of Science in Forensic Science

CIP Code(s): 43.0104; 43.0406

Date this report is presented to the WCCC: January

2021 Academic year review was done: 2019-2020

Credential(s) awarded: 9

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The criminal justice department offers three degrees that prepare students to either enter the field or to transfer to a college or university to complete a four year degree. The A.A. degree is specifically designed for students who desire a bachelor's degree. Employers such as federal law enforcement or probation and parole often desire or require applicants to have a four year degree. The A.A.S. degree is for students who want to complete a two year degree and enter the workforce. State and local law enforcement, county jails, juvenile detention centers and private corrections facilities in our area are desirous of applicants with this degree. The A.S. degree in Forensic Science is for students who want to work as crime scene technicians or transfer to four year degree programs. While there are few full-time non-sworn crime scene technicians in our area, most agencies do utilize sworn officers as crime scene technicians. The criminal justice department has partnerships with WYDOC Field Services, the Natrona County Sheriff, the Natrona County Coroner and Casper Police Department for internships. Area agencies including the FBI frequently participate in CJ department programs on campus. COVID has interrupted much of this. While we do not have a formal advisory group, frequent interaction between faculty and agencies serves much the same purpose. The CJ department is not accredited.

Name of program(s): (or programs in this cluster): Associate of Applied Science in Fire Science Technology; Fire Science Technology Certificate

CIP Code(s): 43.0203

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-2020 Credential(s)

awarded: 20

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs 0

The fire science program is designed to provide students with the knowledge and skills necessary for fire service employment or job advancement within the profession, or for transfer to a four-year school for additional training in fire science management. Courses allow students to gain valuable experience and to obtain certifications. The curriculum includes eight required core classes: strategy and tactics, rescue practices, hazardous materials, wildland fire fighting, fire investigation, fire prevention, apparatus and procedures and basic emergency care. These eight courses give students a broad base of fire service knowledge." with "The fire science program is designed to provide students with the knowledge and skills necessary for fire service employment or job advancement within the profession, or for transfer to a four-year school for additional training in fire science management. Courses allow students to gain valuable experience and to obtain certifications. The curriculum includes eight required core classes: strategy and tactics, rescue practices,

hazardous materials, wildland fire fighting, fire investigation, fire prevention, apparatus and procedures and basic emergency care. These eight courses give students a broad base of fire service knowledge. Fire Departments from throughout the region hire our graduates. The BLM and U.S Forest Service hire our students as seasonal wildland firefighters with opportunities of fulltime career employment. Also our students work as volunteer firefighters on the volunteer fire departments in Natrona County

Name of program(s): (or programs in this cluster): Associate of Science in Physical Education; Coaching Certificate

CIP Code(s): 13.1314

Date this report is presented to the WCCC: January

2021 Academic year review was done: 2019-2020

Credential(s) awarded: 1

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

Casper College offers the course needed to complete requirements by the Wyoming Professional Teachers Standards Board for the coaching certificate. All coaches that are coaching in the public school setting are required to have this certification. Casper College offers on campus or through distance education.

Name of program(s): Associate of Applied Science in Auto Body Repair Tech; Auto Body Repair Technology Certificate

CIP Code(s): 47.0603

Date this report is presented to the WCCC: January

2021 Academic year review was done: 2019-2020

Credential(s) awarded: 3

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Auto Body Repair Technology Department at Casper College provides relevant and appropriate skill training in the Auto Body Repair field to include education, training, and practical skill development that promotes lifelong learning and insures student success in today's workforce.

The teaching philosophy of the Auto Body Repair Technology Department is to develop a relationship with students through demonstration of instructor expertise and concern for student learning. Class sizes are limited to 12 students, with one instructor interacting with the students in many different classes.

The Auto Body Repair Technology Department ensures industry and professional standards are being met in this career program (all Casper college Auto Body instructors are Certified I-CAR and ASE/NATEF Technicians, and/or have extensive experience in the Collision industry).

Students enrolled in this Program earn certification IAW national standards. This provides students at both high school and collegiate levels the opportunity to obtain Certificates and Associate Degrees in Auto Body Repair Technology, as well as earn credits in many related technical programs offered at Casper College.

The Casper College Auto Body Repair Technology Department offers knowledgeable and qualified faculty, quality equipment, and a solid reputation within the community and the advisory board. This is accomplished through integrating new equipment and technology into existing classes and curriculum, maintaining national instructor certifications, keeping current with technology as it changes, and structuring courses which will provide a thorough background for students in the Auto Body Repair Technology Program, as well as students continuing their education in related fields.

Name of program(s): Associate of Applied Science in Agri-Business; Associate of Applied Science, Animal Science Technology; Associate of Science Degree in Animal Science; Associate of Science in Agri-Business; Associate of Science in Agriculture; Associate of Science in Agriculture Communications; Ranch and Agro Tourism Management Certificate

CIP Code(s): 01.0000; 01.0101; 01.0104; 01.0802; 01.0901

Date this report is presented to the WCCC: January

2021 Academic year review was done: 2019-2020

Credential(s) awarded: 37

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Agriculture Department at Casper College is a comprehensive agriculture program where transfer students can major the following A.S. degrees: Animal Science, Agriculture Business, Range Management, Agriculture Communications and General Agriculture. We also offer non-transfer degrees in: Animal Science and Agriculture Business. New for 2020 is our certificate in Ranch Management and Agro-Tourism. Classes are offered in both traditional face-to-face format and on-line delivery. Several degrees are completely available on-line. Many students are involved in additional activities such as the Livestock Judging Team, Rodeo and the Oil City Ag Club.

Name of program(s): Associate of Science in Pre-Veterinary; Associate of Science in Range Management

CIP Code(s): 01.1106; 11.01302

Date this report is presented to the WCCC: January

2021 Academic year review was done: 2019-2020

Credential(s) awarded: 3

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Range Management Degree at Casper College is designed as a transfer degree to most agriculture universities. It focuses on the agriculture, biological and ecological themes necessary for the management and utilization of livestock and rangelands. Soil, crops/plants, livestock feeding and nutrition are themes in the Range Management Degree.

The Pre-Vet Degree at Casper College is designed for students intending to transfer and achieve a bachelor's degree prior application to veterinary school later in their academic career. The degree is very heavy in the biologic and physical sciences, math and communications. Students must qualify for MATH 1400, ENGL 1010 and CHEM 1025 their first semester in order to complete this degree within 4 semesters.

Name of program(s): Associate of Science Degree in Technical Education

CIP Code(s): 13.1309

Date this report is presented to the WCCC: January

2021 Academic year review was done: 2019-2020

Credential(s) awarded: 2

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Technology Education Degree at Casper College prepares students to transfer to a university to complete a secondary education degree in career and technical education. Currently, this degree is articulated with Valley City State University and we are working on an articulation with the new Technology Education degree at the University of Wyoming. We are also working on several Teacher Endorsements that are being approved the Wyoming Professional Teacher Standards Board, PTSB.

Name of program(s): Associate of Applied Science in Technical Studies**CIP Code(s): 47.9999**

Date this report is presented to the WCCC: January

2021 Academic year review was done: 2019-2020

Credential(s) awarded: 2

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Technical Studies Degree at Casper College prepares students who typically have a certificate and multiple years of working experience to transfer to the University of Wyoming into the BAS in Organizational Leadership.

Name of program(s): Associate of Fine Arts in Music Education**CIP Code(s): 13.1312**

Date this report is presented to the WCCC: January

2021 Academic year review was done: 2019-2020

Credential(s) awarded: 1

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Music department fulfills the needs of both music majors and non-music students at Casper College. Music majors gain multiple performance opportunities and foundational academic knowledge in the area of music education. Music majors receive curriculum that fulfills the first two years of the AFA in Music Education. This degree is aligned with the University of Wyoming's Music Department. Upon completion of the Bachelor's in Music Education, graduates are certified to teaching in the K-12 setting. Immediate career opportunities with the AFA degree include teaching music at local music schools, and teaching music in the private studio.

The Music department serves non-majors by offering several general education courses in the areas of music appreciation and music history. General college students perform in various ensembles including the College Band, Chamber Orchestra and Collegiate Chorale. Some non-major students gain valuable funding to support their collegiate expenses by applying and being accepted to receive music activity scholarships.

Name of program(s): Associate of Arts in English; Associate of Arts in English (Teaching); Associate of Arts in English (Writing)**CIP Code(s): 23.0101**

Date this report is presented to the WCCC: January

2021 Academic year review was done: 2019-2020

Credential(s) awarded: 8

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The English department fulfills a service role for the college in providing foundational written, reading, and informational literacy skills for all CC students. The program offers a composition, reading, peer-review, and research two-semester sequence in which college-ready students learn, practice, and apply skills needed for successful professional reading, writing, and research fundamentals necessary for all college coursework and professional working environments. The department also provides students testing below college readiness multiple avenues to fill the gaps in their knowledge and better engage in college-level course work. The department's literature and creative writing emphasis majors provide the foundation for students to apply strong writing, including creative, and advanced reading and critical thinking skills to immediate employment opportunities in professional environments and/or transfer for BA programs. The department's AA options enable include a language requirement, preparing students for a wide-variety of major transfer options. The department's English and Secondary Education degree works closely with the CC Education department to prepare the next generation of educators needed for our K-12 system.

Name of program(s): (or programs in this cluster): Associate of Fine Arts Degree in Art Education

CIP Code(s): 13.1302

Date this report is presented to the WCCC: January

2021 Academic year review was done: 2019-2020

Credential(s) awarded: 4

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Visual Arts Degrees have been a foundation of knowledge leading for some graduates to immediate career opportunities in Graphic Design, Photography, Fine Art, and Museum Studies in Wyoming and the region. Employers include Graphic Design/marketing agencies, Photography studios/Commercial operations, private/studio teaching, and local, state, and regional museums.

Name of program(s): Associate of Arts in Early Childhood Education; Associate of Arts in Elementary Education; Associate of Arts, Secondary Education Social Studies

CIP Code(s): 13.1202; 13.1209; 13.1318

Date this report is presented to the WCCC: January

2021 Academic year review was done: 2019-2020

Credential(s) awarded: 33

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

Education Department provides the first two years of a baccalaureate elementary/secondary degree program which leads to certification of elementary and secondary public school teachers. The early childhood associate of arts program leads to employment opportunities in local, regional, and state child-care facilities (public and private) and nationally accredited through NAEYC. The programs and courses provide extensive and multiple authentic classroom experiences in the public schools for ALL early childhood, elementary and secondary education majors. Additionally, unique service learning experiences which focus on educator preparation occur through the Help Yourself Academy, where 3rd-5th grade students are mentored in math/science activities by education majors on CC campus. The department provides unique opportunities for partnerships with local district schools for mentoring, tutoring, and educational experiences abroad. Courses taught by former public school educators and recognized faculty.

Education majors receive excellent advising from departmental faculty who also promote opportunities for transfer to four-year colleges and universities to complete bachelor's degrees in preparation for state licensure. Several of the department programs have articulations agreements with area institutions for complete transfer for either bachelor of arts or bachelor of applied science. The department organizes a local advisory board for all programs (Pk-12) which meets biennially.

Name of program(s): Associate of Business in Pre-Law

CIP Code(s): 22.0001

Date this report is presented to the WCCC: January 2021 Academic year review was done: 2019-2020 Credential(s) awarded:

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Associate of Business Degree in Pre-Law from Casper College is primarily a general studies degree emphasizing the understanding of political, economic, social and cultural institutions, communication skills, and the ability to think logically and creatively. It is intended to prepare the student for successful transfer to a bachelor's program at a four-year institution, with the ultimate goal of entering a graduate program in law.

Name of program(s): Associate of Applied Science in Automotive Technology; Automotive Technology Certificate

CIP Code(s): 47.0604

Date this report is presented to the WCCC: January 2021 Academic year review was done: 2019-2020 Credential(s) awarded: 6

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Automotive Service program has strived to provide local businesses and other shops with great technicians for many years. One of the hallmarks of the program is the Cooperative Work Experience (CO-OP) class. The program has great relationships with many local automotive dealerships and shops. These businesses offer internships to our students every year to afford them with additional work experience and many students end up getting hired by their CO-OP employer after they graduate. The program is constantly evolving along the shifting landscape of the automotive service world to keep the information as up-to-date as possible.

Name of program(s): Associate of Applied Science in Diesel Power; Diesel Power Technology Certificate**CIP Code(s): 47.0605**

Date this report is presented to the WCCC: January

2021 Academic year review was done: 2019-2020

Credential(s) awarded: 6

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Diesel Power Technology Program has been a fixture for future technicians for decades. This industry is very unique because of the mixture of new, modern equipment and old mechanical equipment. We expose our students to a broad spectrum of topics and ideas so that they can specialize in one of myriad branches of the heavy duty world. We aim to provide students with strong fundamental mechanical skills and good work ethics.

Central Wyoming College

Name of program(s): Agriculture Cluster including Agri-Business (AS), Animal Science (AS), Range Management (AS), Farm and Ranch Resource Management (AAS/Certificate I, Certificate II)

CIP Code(s): 01.0101

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-2020

Credential(s) awarded: see above for each degree and certificate options

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The goals of the transfer (AS) programs in the agriculture cluster, including Agri-Business, Animal Science, and Range Management, is to provide the first step in preparing students for a bachelor's degree at a four-year institution. The general studies and program requirement components offer students a broad base of knowledge in English, communication, political science, math, and degree-specific coursework in animal science and range management required in a two-year transfer degree.

The Farm and Ranch Resource Management (AAS) program is designed to prepare students for farm and ranch management skills and to integrate this knowledge into the day-to-day farming and ranching practices. General courses are designed to develop critical and creative thinking, computation, communication and basic technology skills utilized in the farm and ranch industry.

Students interested in working in various roles in the agriculture industry as an agriculture operation managers, engineers, technicians, inspectors, or educators in K-12 and postsecondary institutions are well suited for these transfer degrees. Agriculture is the third leading industry that contributes to Wyoming's economy, and is a key aspect of the health and well-being of many Wyoming's rural communities. As the number of current farm and ranch owners/operators approaching retirement increases, program graduates are needed to continue as leaders in this industry.

Specifically to CWC's service area, agriculture is a critical component of the local economies in Fremont and Hot Springs counties. Local industry experts serve on CWC's Agriculture Advisory Committee, and offer expert guidance on program concepts and needs, changes and emerging trends in the agriculture arena.

Name of program(s): Automotive Technology Cluster: Automotive Technology General Option (AAS/Cert I/Cert II); Automotive Technology Power Sports Option (AAS/Cert I/Cert II)

CIP Code(s): 47.0604

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-2020

Credential(s) awarded: see above for degrees offered with each program option

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Associate of Applied Science (AAS) degree in Automotive Technology is designed for students who have minimal experience and knowledge of automotive technology. The general education requirements are designed to encourage students to develop critical and creative thinking, computation, communication skills, and technological literacy. The program requirements provide the prerequisite coursework that is required for students to successfully complete one or both of the following options in the Automotive Technology AAS degree: Automotive Technology or Power Sports.

The Automotive Technology option is a field in which students are taught diagnosing techniques, service, and repair of automobiles and pickup trucks. With a combination of classroom and laboratory work, students are provided with the knowledge of general automotive principles and hands-on application of skills essential in the field.

The Power Sports option provides students with entry level knowledge of the motorcycle, ATV, and snowmobile repair business. Proper repair procedures, theory of operation, customer service, and suggested business practices are emphasized in the curriculum.

The Certificate I (two semesters) and Certificate II (one semester) options in both Automotive Technology and Power Sports provide shorter programs of study for students who want to acquire the introductory skills to seek job placement. All the coursework required in each certificate option builds into the AAS degrees, providing students who complete a certificate with seamless continuation into the associate curriculum.

These programs of study address an ENDOW critical need to support economic health and diversification at the state, regional, and local service areas. Program graduates work in automotive repair shops, auto parts stores, and successfully manage their own businesses in the industry.

Name of program(s): Criminal Justice AA and AAS

CIP Code(s): 43.0104

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-2020

Credential(s) awarded: Associate of Arts (AA) and Associate of Applied Science (AAS) degree

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Criminal Justice programs at Central Wyoming College addresses the magnitude and changing complexity of criminal justice activities that dictates the need for criminal justice personnel who have had a broad-based educational experience. Both the AA and AAS programs include general education and specialized Criminal Justice core courses, essential interdisciplinary offerings, and suggested Criminal Justice requirements.

The two degree options serve students with different career aspirations. The Associate of Applied Science (AAS) program is designed to meet the needs of pre-service and current certified personnel as a terminal degree. The AAS curriculum is flexible so that a degree that best suits the career focus of the student can be considered during advisement and course selection. Alternatively, the Associate of Arts (AA) program meets the educational needs for those who wish to pursue a career in corrections, corrections counseling, supervisory and administrative roles, as these typically require bachelor and/or graduate education. The AA curriculum fulfills the initial two-year coursework for many four-year Criminal Justice programs.

Graduates from CWC's Criminal Justice programs serve in law enforcement roles in the college's service area as new law enforcement personnel and through enhancing their knowledge and skills as they advance in their careers. Positions in public safety, particularly in law enforcement and corrections, are in high demand and agencies struggle to meet the workforce needs on a routine basis.

Name of program(s): Education Cluster including: Early Childhood (AA and AAS), Elementary Education (AA), and Secondary Education (AA)

CIP Code(s): 13.1210 (Early Childhood and Elementary) and 13.1205 (Secondary Education)

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-2020

Credential(s) awarded: see above for each degree option

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

Programs associated with the Education cluster at CWC include Associate of Arts (AA) degrees in Early Childhood, Elementary and Secondary Education, and the Associate of Applied Science (AAS) degree in Early Childhood Education. The Early Childhood Education programs are designed to qualify students to teach in and/or manage childcare centers, pre-schools, child development centers, and other areas dealing with the care of children ages birth to eight years. They include courses that would enable a student to continue beyond the associate's degree toward a bachelor's degree program in elementary education, early childhood education, or child development. The college's education programs are designed for prospective teachers in elementary or secondary education, and will enable students to transfer to a four-year institution to complete baccalaureate studies in education.

With nearly 50 school districts in the state of Wyoming, educators spanning pre-K through high school are a routine employment need, particularly in CWC's service area. A properly educated workforce is essential for the success of pre-K and K-12 education, most notably on the Wind River Indian Reservation in Fremont County. Students in all of the CWC programs complete teaching practicum experiences in area school districts, daycares, preschools and child care centers, and many employees of these entities serve on the Early Childhood Education Advisory Committee.

Graduates from CWC's education programs are successful in completing bachelor's degrees following transfer to universities and have a high rate of employment in the college's service area. These program outcomes lend credence to the important role they play in supporting the region and state's educational system.

Name of program(s): English AA

CIP Code(s): 23.0101

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-2020

Credential(s) awarded: Associate of Arts (AA) degree

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

English majors have a competitive edge in the job market and higher education. Employers and universities both seek people with effective communication and critical thinking skills; the coursework in English provides practice in both.

While the study of writing obviously leads to improved written communication, literary analysis can result in other desired traits, such as increased ability to understand people, greater ease interacting with diverse populations, and creative problem solving skills. This transfer degree in English serves as a solid, broad base for many careers.

Name of program(s): Equine Cluster including Equine Science (AS); Equine Management: Entrepreneur Option (AAS and Cert I); Equine Management: Teaching Riding Option (AAS and Cert I); Equine Management: Training Option (AAS and Cert I)

CIP Code(s): 01.0507

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-2020

Credential(s) awarded: see above for degree and certificate options

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The goals of the Associate of Applied Science (AAS) degree options in the Equine cluster are to prepare students for careers in the horse industry, including management of equine facilities, launching/management of equine businesses, event production, learning skills to teach riding, and general horsemanship, English equitation skills, and horse training. These degrees prepare the student to complete the CHA Standard and Equine Facility Management certifications. Certificates associated with each AAS Degree provide students with the introductory skills in each area in a short term program of study that fits into the AAS degree for students who wish to continue their education.

The Equine Science Associate of Science (AS) degree is designed to provide the first step in preparing students for a bachelor's degree in equine science at a four-year institution. The general studies and program requirement components offer students a broad base of knowledge in English, communication, political science, economics, horse production, equine nutrition, horsemanship. and horse training.

Specifically to CWC's service area, equine related businesses and operations are critical components of the local economies in Fremont and Hot Springs counties. Local industry experts serve on CWC's Agriculture/Equine Advisory Committee, and offer expert guidance on program concepts and needs, changes and emerging trends in the Equine industry.

Name of program(s): Pre-Legal Studies, AA**CIP Code(s): 22.0001**

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-2020

Credential(s) awarded: Associate of Arts (AA) degree

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Pre-Legal program at Central Wyoming College is designed to provide a background useful for the student interested in the study and practice of law by exposing the student to a diverse and demanding undergraduate liberal arts curriculum. Rigorous coursework, spanning several departments across the college, will help prepare the student for the challenges of law school and the practice of law by developing an understanding of courts, legal institutions, and the justice system; social and cultural institutions; English comprehension and usage; and political science and economics. A focus of transferring to a four-year institution is a key component of this program, as composition of a Bachelor of Arts (BS) or a Bachelor of Arts (BA) degree is required before beginning the professional study of law.

Identified in the ENDOW document as a critical area to support the state's economy, legal services must be staffed with appropriately educated individuals. Programs like CWC's Pre-Legal Studies degree provide access to education that provides the first and second year of coursework necessary to in the pursuit of a degree in Law.

Eastern Wyoming College

Name of program(s): Agriculture

CIP Code(s): 01.0102; 01.0104; 01.0302; 01.0303; 01.1106; 01.9999

Date this report is presented to the WCCC: December 2020

Academic year review was done: 2019-2020

Credential(s) awarded: AGAO.AS; AGBO.AS; AGBSS.AS; AGCO.AS; AGEO.AS; AGSO.AS; FRCH.AAS; AGBP.CD; AQTK.C; REWM.AS; AGPC.AAS; AGPC.CD

Program's role and alignment with student, employer, service area, and/or State of Wyoming:

The Eastern Wyoming College service area leads the state in almost every category of livestock and crop production. These producers and the Ag businesses that support them need qualified employees. We worked with Simplot, Westco, and Panhandle Coop to find out how we could best fill their need for qualified employees and in return they wrote letters of support for an EDA grant to help pay for the ATEC building. We have made several changes in our curriculum in regards to their requests.

The agriculture sector in the United States has more job opportunities in production agriculture and agri-business than current agricultural graduates to fill these positions (see following tables). Food production will need to double in the next 30 to 40 years to meet the food and fiber needs of a growing population that will reach 9 billion by 2050. Technology is one piece of the solution for this problem. Precision Agriculture allows farmers and ranchers to be more productive while using less chemicals and water. Rural communities, farms, and ranches will be dependent on a workforce that will have skills in machinery maintenance, welding, crop production, rangeland management, and livestock husbandry/production, plus life skills in communications, time management, decision-making, and leadership

Name of program(s): Criminal Justice

CIP Code(s): 43.0102; 43.0104; 43.0113

Date this report is presented to the WCCC: December 2020

Academic year review was done: 2019-2020

Credential(s) awarded: CJCC.CD; CJCDL.CD; CJCR.AA; CMJT.AAS; CJRDL.AA

Program's role and alignment with student, employer, service area, and/or State of Wyoming:

Criminal Justice employees continue to be in high demand in our region, the state of Wyoming as well as the rest of the country. There are three correctional facilities in our area which are located in Newcastle, Lusk and the largest being here in Torrington. These three prisons represent nearly 400 jobs in just about any field to include security, case management,

counseling and other support areas. In addition to the prisons, the Department of Corrections also has more than a dozen field agents in this region that supervise offenders on either parole or probation status.

Both pre-employment education and continuing education is stressed by the Wyoming Department of Corrections. This has led to Wyoming leading the nation with evidence based correctional practices along with one of the lowest offender recidivism rates in the country. They provide opportunities for not only offender treatment, but also for participation in special operations security teams such as Hostage Negotiators, Emergency Preparedness, Special Weapons Teams, Firearms and Self Defense Etc. There are six (6) sheriff departments in our region that represent nearly a hundred law enforcement jobs. These jobs involve working in the county jails as well as patrol work. Positions range from Sheriff, Under Sheriff, Detention Officers and Deputy Sheriffs. In addition there are 14 Municipal Police Departments that employ well over a hundred officers and support staff. They are also a wide range of positions from Chief of Police, Sergeants, Corporals and Officers.

Name of program(s): Education

CIP Code(s): 13.1202; 13.1205; 13.1210; 13.1303; 13.1311; 13.1314

Date this report is presented to the WCCC: December 2020

Academic year review was done: 2019-2020

Credential(s) awarded: EEDL.AA; ELED.AA; SCAO.AA; SCED.AA; SCPO.AA; ECC.CD; ECDL.CD; EDEC.AA; EDL.AA; BSED.AS; MTED.AA; PEAC.AA

Program's role and alignment with student, employer, service area, and/or State of Wyoming:

School districts across our service area, including Goshen County have implemented measures to increase accountability and attention to attainment of national standards. In Goshen County of the current student population of approximately 1600 students, 43.24% are from homes classified as being of low socio-economic status and 205 students are classified as students who receive special education services.

Census statistics indicate that Goshen County has a population of a little more than 13,500 people. An incredible 82.6% of the county's population stays in the same house from year to year with 76.3% of the population owning their own home; creating a stable environment within which to work. About 23% of the local population has a Bachelor's degree, and the need for teachers remains steady, both locally, and throughout the EWC outreach area. While the job market in education has slowed slightly there are still opportunities for well-qualified educators in both Goshen County and our service area. As teachers retire or relocate, EWC graduates who have continued their studies at well-respected nearby 4 year institutions, will have the opportunity to return to fill positions in our local schools. The requirements of Every Student Succeeds Act as they relate to accountability and concomitant instructional needs of our schools create a continuing need for well-trained teachers able to handle the challenges of

a changing public school environment. In particular, there continues to be a need for qualified teachers in the area of special education.

Name of program(s): English

CIP Code(s): 23.0101

Date this report is presented to the WCCC: December 2020

Academic year review was done: 2019-2020

Credential(s) awarded: ENGL.AA

Program's role and alignment with student, employer, service area, and/or State of Wyoming:

Program-specific courses (generally at the sophomore level) are offered regularly, and have been populated primarily by outreach students and Secondary English Education majors, though recent and future offerings have attracted students from all disciplines as they fulfill their general education requirements. For immediate employment, there are few jobs which require English specifically, but national surveys show that one of the areas in which employees are lacking is writing skills. Thus, composition courses continue to be important for transfer and occupational audiences. At present, students in vocational areas most often take TECH 1005, Applied Technical Writing, and it has been taught by a member of the English department.

Name of program(s): Gunsmithing

CIP Code(s): 47.0402

Date this report is presented to the WCCC: December 2020

Academic year review was done: 2019-2020

Credential(s) awarded: GUNS.AAS

Program's role and alignment with student, employer, service area, and/or State of Wyoming:

Students completing the AAS in Gunsmithing would be able to transfer to Adams State University in Alamosa, Colorado for a Bachelor's Degree (BA) in Interdisciplinary Studies. In addition, students completing the AAS Gunsmithing program would be able to transfer to the University of Wyoming for a Bachelors of Applied Science Degree (BAS).

Laramie County Community College

Name of program(s): Agriculture – Agriculture General

CIP Code(s): 01.0101, 01.0106, 01.0301, 01.0507, 01.0901, 01.1106

Date this report is presented to the WCCC: December 2020

Academic year review was done: 2019-2020

Credential(s) awarded: AAS - Ag Production Technology, AAS - Agribusiness Technology (D/C), AAS - Agriculture & Equine, AAS - Equine Training Mgmt., AAS - Technical Agriculture Operations (D/C), AS - Agricultural Business, AS - Agriculture - Rangeland Ecology and Management Concentration (D/C), AS - Animal Science, AS - Equine Business Mgmt. (D/C), AS - Equine Science, AS - Natural Resource Management (New), CD - Equine Training

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Agriculture Program is designed for students who wish to prepare for a wide range of careers in the fields of agriculture and equine. Students will learn about livestock and horses, facility management and business management. The flexibility of this program allows students to earn different credentials including applied science and credit diplomas that lead to the workforce and the Bachelors of Applied Science in Business Management, or transfer programs that lead to bachelors programs in the fields of agriculture and equine. This program is supported by a wide variety of local and regional agriculture industries who participate on the advisory boards and hire graduates.

Name of program(s): Education, General

CIP Code(s): 13.0101, 13.1202, 13.1205, 13.1210, 13.1312, 13.1314, 13.1330

Date this report is presented to the WCCC: December 2020

Academic year review was done: 2019-2020

Credential(s) awarded: AA - Early Childhood Education (Hiatus), AA - Education (D/C), AA - Education, Elementary Education (D/C), AA - Elementary & Early Childhood Education, AA - Music, Instrumental Education (Hiatus), AA - Music, Instrumental Performance (Hiatus), AA - Music, Vocal Education (Hiatus), AA - Secondary Education, AA - Spanish, Education Concentration (Hiatus), CD - Exercise Science - Coaching

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The education program at LCCC prepares students for pre-k to 12th grade. Our programs are articulated setting students up to transfer to Universities. Education is foundational to all communities within Wyoming. Our students, once completed with their bachelor's degree teach in many communities across the state.

Name of program(s): Pre-Law Studies

CIP Code(s): 22.0302

Date this report is presented to the WCCC: December 2020

Academic year review was done: 2019-2020

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

Paralegal serves students wanting to work as a paralegal in a law firm. Students are prepared to work directly with the legal process. The program serves traditional, not traditional and post baccalaureate students. The legal profession is found in all communities across the state. Students who graduate with a Paralegal degree are eligible to begin work immediately.

Name of program(s): English Language and Literature

CIP Code(s):

Date this report is presented to the WCCC: December 2020

Academic year review was done: 2019-2020

Credential(s) awarded:

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

This program was discontinued as part of our Guided Pathways initiative.

Name of program(s): Criminal Justice/Safety Studies

CIP Code(s): 43.0103, 43.0104, 43.0199, 43.0203

Date this report is presented to the WCCC: December 2020

Academic year review was done: 2019-2020

Credential(s) awarded: AA - Criminal Justice, AA - Criminal Justice, Corrections/Pre-Law (D/C), AA - Criminal Justice, Law Enforcement (D/C), AAS - Fire Science Technology (Hiatus)

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Criminal Justice program serves students who want a career in the criminal justice industry. The program serves students who only want a two-year degree or those who are pursuing a

Bachelor's degree or Juris Doctorate. Criminal Justice serves every community within the state in various sectors from Police officers to Lawyers.

Name of program(s): Auto body/Collision and Repair

CIP Code(s): 47.0104, 47.0201, 47.0303, 47.0603, 47.0604, 47.0605

Date this report is presented to the WCCC: December 2020

Academic year review was done: 2019-2020

Credential(s) awarded: AAS - Auto Body Repair (Hiatus), AAS - Automotive Technology (Hiatus), AAS - Diesel Technology (Hiatus), AAS - Heating, Ventilation, AC/Refrigeration, AAS - Trades & Technical Studies, CD - Automotive Body Repair, CD - Automotive Technology, Engine Management/Drivability, CD - Automotive Technology, Under Car/HVAC, CD - CIS, Datacenter Technician, CD - Diesel Technology, CD - Heating, Ventilation, and Air Conditioning/Refrig, CD - Industrial Maintenance, CD - Industrial Systems Technology

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Automotive Body Repair Program is designed to prepare the student for employment in the automotive body repair business as well as meet the needs of those who want to upgrade their skills in auto repair. Automotive Body Report students will complete a credit diploma in the first year (32 credits). They may choose to enter the workforce at that time or continue their education to the AAS in Trades and Technical Studies. Graduates of the AAS may again choose to enter the workforce or continue to the Bachelors of Applied Science in Business Management. This program is supported by a number of local and regional autobody companies who support the program through involvement in the advisory committee and by hiring graduates.

Northwest College

Name of program(s): Agriculture (Agriculture Business, Farm and Ranch Management, Agriculture Production, Agroecology, Equine Business Management, Equine Riding and Training, Farrier [inactive since 2017], Agriculture Communications, Animal Science, Range Management, Veterinary Assistant)

CIP Code(s): 01.0102, 01.0104, 01.0301, 01.0304, 01.0507, 01.0802, 01.0901, 01.1106, 01.8301

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-20

Credential(s) awarded: AS, AAS, Certificate

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

Agriculture Business A.S.

This program prepares students for careers in agribusiness or for transfer into agricultural business, agricultural economics and farm and ranch management programs. The field involves the application of business and economic principles to farming and ranching enterprises and related industries.

Farm and Ranch Management A.A.S.

The Farm and Ranch Program provides marketable, entry-level skills in management for positions in agriculture-related business and industry. Students obtain a foundational knowledge of plant and animal sciences to augment business knowledge and skills.

Agriculture Production A.A.S. and Certificate

The Production Agriculture Program is designed to provide marketable, entry level training in management of production agriculture enterprises. The program stresses the applied aspects of crop and livestock production, as well as business management.

Agroecology A.S.

This program is designed for students interested in the application and integration of biological and physical sciences to sustainable crop production.

Equine Business Management A.A.S.; Equine Riding and Training A.A.S. Degrees and Certificates

These programs provide basic, practical, and theoretical grounds from which students may directly enter their fields of interest in equine studies.

Animal Science A.S.

The Animal Science curriculum provides a foundation in biological and physical sciences, augmented by applications to production in western environments.

Range Management A.S.

The Range Management program is designed for transfer to range science, rangeland ecology, or renewable resource programs.

Veterinary Assistant A.A.S.

This program provides the knowledge and animal handling skills required to be an integral team player within veterinary practices, research facilities, or other animal-related facilities.

Name of program(s): Education (Elementary Education, Secondary Education, Early Childhood Education, Agriculture Education, Assistant Coach, Head Coach)
CIP Code(s): 13.0202, 13.1205, 13.1210, 13.1301, 13.1314

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-20

Credential(s) awarded: AA, AS, Certificate

Program's role and alignment with student, employer, service area, and/or State of Wyoming:

Early Childhood, Elementary, and Secondary Education A.A., A.S., and Certificates

The first two years of preparation for a career as an early childhood, elementary, middle school, or secondary teacher can be accomplished at Northwest College. The Education Department offers courses which teach the basic principles and theories of teaching and learning. Through the cooperation of public school personnel, our students observe and gain practical experience in public school classrooms throughout the Big Horn Basin.

Since teaching requires state certification, it is important that students consult with their advisors frequently to become informed of program requirements at four-year colleges.

Agriculture Education A.S.

This program will prepare students to transfer to a university program of agriculture education/extension. Upon transfer, graduates will select a more specific program of study for a bachelor's degree which will prepare them for teaching at the secondary level or working in the extension service. Agriculture education majors are also sought after by many industry organizations because of the breadth of the training. Currently there is a national shortage of agriculture education teachers.

Head and Assistant Coaching Certificates

These certificates are designed for students wishing to meet the requirements for head and assistant coach endorsements by the Wyoming Professional Teaching Standards Board.

Name of program(s): English Studies

CIP Code(s): 23.0101

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-20

Credential(s) awarded: AA

Program's role and alignment with student, employer, service area, and/or State of Wyoming:

English is a two-year program of study to prepare students for transfer. Students normally transfer as English majors or English/Secondary Education double majors. In order to achieve an Associate of Arts in English degree, students must successfully complete core courses with a C- or better to meet program requirements. Students planning to transfer to a four-year program may need to have additional hours beyond the program requirements at Northwest College in order to transfer in as a junior. These students should consult with their advisor and the appropriate four-year college catalog.

Name of program(s): Criminal Justice

CIP Code(s): 43.0104

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-20

Credential(s) awarded: AA, AAS, Certificate

Program's role and alignment with student, employer, service area, and/or State of Wyoming:

Criminal Justice at Northwest College offers students an overview of the American criminal justice system and a survey of the theories, procedures, laws, and elements that guide our justice system. Students acquire a general knowledge of the origins and methods of the police, courts, and correctional systems in America, as well as their design structure and operation.

Criminal Justice A.A.

The Associate of Arts degree in Criminal Justice provides a solid foundation of coursework for students interested in pursuing a baccalaureate degree in criminal justice studies, those wanting to become a practitioner within the field, or professionals already working within the field who need educational upgrading.

Criminal Justice A.A.S. and Certificate

The Associate of Applied Science and Comprehensive Skills Certificate in Criminal Justice will provide an introductory foundation of coursework for those students interested in pursuing a career in criminal justice. These programs will prepare students for future job interviews, increase their understanding of careers in various parts of the criminal justice system, and prepare students for potential academy study in their selected field. Students should expect that they may complete the AAS program of study as a method to obtain useful studies and training. Students should expect that they may complete the certificate as a method to obtain useful studies and training in lieu of a two-year degree program. These programs will allow the student the opportunity to acquire introductory skills and training for possible entry-level positions that other applicants may not have.

Northern Wyoming Community College District **(Sheridan and Gillette Colleges)**

Name of program(s): Agriculture (General)

CIP Code(s):

- **01.0000 - Agriculture AAS**
- **01.0101 - Agricultural Business AS**
- **01.0101 - Agricultural Science Education AS**
- **01.0507 - Farrier Science Certificate**
- **01.0901 - Animal Science AS**
- **01.1103 - Horticulture Science AS**
- **01.1103 - Horticulture & Sports Turf Management AAS**
- **01.1106 - Rangeland Management AS**

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-20

Credential(s) awarded: AAS, AS, Certificate

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

NWCCD Agriculture degree options allow students to join the workforce following graduation or to transfer to a four-year degree program. An applied science degree in an agriculture field gives students the skills and knowledge to go directly to work after graduation, whether starting their own business, going back to a home operation, or working in another field within the industry. Sheridan College puts a high priority on course work and internships that provide hands-on experience, so students are ready to put those skills to use immediately. Students take foundational classes across all agriculture disciplines and may also tailor a course of study to meet their interests and career goals.

New technology, climate change, globalization, and food sustainability present Agriculture graduates with many job opportunities. The U.S. Bureau of Labor Statistics predicts job growth in the fields of livestock management, marketing and sales, agriculture education, and more.

All NWCCD Agriculture program students benefit from a local, very active advisory board whose members provide significant industry input from a variety of Ag fields.

Name of Program(s): Education (General)

CIP Code(s):

- **13.1202 - Elementary Education AS**
- **13.1205 - Secondary Education AS**
- **13.1210 - Early Childhood Education AAS**
- **13.1210 - Early Childhood Education AS**
- **13.1210 - Early Childhood Education Certificate**
- **13.1314 - Athletic Coaching Certificate**

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-20

Credential(s) awarded: AAS, AS, Certificates

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

Students in NWCCD's Education programs are well-prepared to meet the challenges and demands of teacher certification as they are immediately immersed in the field through the District's strong community partnerships with the Campbell County School District in Gillette and the Sheridan County School Districts. Students gain hands-on learning opportunities via a teaching practicum with direct classroom experience.

NWCCD's Elementary and Secondary Education AS degrees prepare students for transfer to four-year institutions. Students who earn an Education degree from NWCCD can choose to transfer to partnering colleges and universities across in the region. In addition, with on-site extension education degree programs, some students can complete a Bachelor of Science degree on campus through Chadron State College of Nebraska.

Sheridan College's Early Childhood Education AAS and Certificate credentials prepare students for employment as a teacher, assistant teacher, or administrator in early childhood programs including center-based childcare, preschools, and Head Start programs. After earning the AAS, many students pursue bachelor's degrees in Education, allowing them to teach and work in a variety of educational settings. All programs provide foundational knowledge in child development, early childhood professional standards, program and curriculum planning and administration, and guidance and assessment techniques. NWCCD Early Childhood Education programs offer core courses completely online in eight-week sessions. Sheridan College also offers the Child Development Associate certificate. NWCCD's Early Childhood Education program aligns with the Child Development Associate credential and the Wyoming Early Childhood Apprenticeship.

The Athletic Coaching certificate program is designed for students to meet the eligibility requirements to apply for a coaching permit issued by the Wyoming Professional Teaching Standards Board and assume coaching positions in a variety of community settings. Students are introduced to the fundamentals and philosophy of athletic coaching. Topics covered include sports psychology, injury prevention and care, theory of sport, diversity in coaching, technical and tactical skills, risk management, and ethics in coaching.

Name of Program(s): English

CIP Code:

- **23.0101** - English AA

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-20

Credential(s) awarded: AA

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

NWCCD's Associate of Arts in English, offered at Gillette College, Sheridan College, and online, prepares students for transfer to a four-year institution. Student's in NWCCD's English program build strong writing skills as well as critical thinking and reading abilities. The program provides an introduction to literary traditions, creative writing and critical approaches to literature. Elective course options may include U.S. Literature, World Literature, creative writing in fiction, nonfiction and poetry, Literature of the Holocaust, Western American Literature and more. Students in NWCCD's English program enjoy shared interaction with faculty, opportunities for creative expression, and cross-disciplinary study and discussion. The Writing Centers at both Gillette College and Sheridan College provide a lab environment for English majors to gain experience in writing, critiquing and learning about online writing resources, as well as leadership opportunities working with peers and faculty.

The vast majority of enrollment in English program courses is to fulfill general education requirements for students transferring to baccalaureate programs at other institutions.

Name of Program(s): Criminal Justice

CIP Code(s):

- **43.0102** - **CJ: Correctional Services AAS (Hiatus)**
- **43.0102** - **CJ: Correctional Services Certificate (Hiatus)**
- **43.0104** - **Criminal Justice AA (Active)**
- **43.0104** - **Criminal Justice AS (Active)**
- **43.0104** - **CJ: Law Enforcement AAS (Active)**
- **43.0104** - **CJ: Law Enforcement Certificate (Hiatus)**

- **43.0104 - CJ: Victim Advocacy AAS (Hiatus)**
- **43.0104 - CJ: Victim Advocacy Certificate (Hiatus)**
- **43.0114 - CJ: Crime Scene Investigation Certificate (Hiatus)**
- **43.0120 - CJ: Security AAS (Hiatus)**
- **43.0120 - Criminal Justice Security Certificate (Hiatus)**

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-20

Credential(s) awarded: AA, AS

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

Students in the Criminal Justice Associate of Arts and Associate of Science degree options are exposed to all aspects of the criminal justice system. Both degree options assure students learn marketable skills in the fields of law enforcement, adult and juvenile corrections, adult and juvenile victimology, and security. This program is taught by experts who have extensive hands-on experience in the fields they teach. Courses offered include: Law Enforcement Operations; Constitutional Law; Criminal Law; and Criminology.

Criminal Justice course options include but are not limited to: Law Enforcement Operations; Juvenile Justice; Firearms; Criminology; Domestic Violence; Crisis Intervention; Criminal Law; Sociological Principles; and Crime Prevention. NWCCD Criminal Justice courses integrate real-life experiences and theory to prepare students for gainful employment as law enforcement or probation officers immediately following graduation, as well as for transfer into bachelor's degree programs.

Northern Wyoming Community College District partners with local law enforcement agencies and correctional facilities, providing students numerous hands-on, real-world learning opportunities and internships. NWCCD Criminal Justice students benefit from a local, active advisory board whose members provide significant industry input from a variety of Criminal Justice fields.

Name of program(s): Industrial Electricity

CIP Code(s): 47.0105

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-20

Credential(s) awarded: AAS, Certificate

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Industrial Electricity Program at Gillette College prepares students to enter the workforce as electricians. The program focuses primarily on positions that are common in oil, gas, coal mining, and other industrial environments. Students learn basic and advanced electrical theory, electrical code, electronics, and high voltage applications. In addition, they study motor control theory from basic hard wire relay applications to electronic controls using variable frequency drives and programmable logic controllers. Also included is a class designed to teach students the basic hands-on skills to construct electrical systems efficiently and according to the latest electrical codes. Classes include extensive laboratory time where real-life applications are learned, and troubleshooting becomes a critical skill. Students work in small groups during lab to foster cooperation and communication. Safety is a large part of all classwork, as we often use voltages as high as 208 volts, and our high voltage lab is 5,000 volts.

The Industrial Electricity Program has an active local advisory board which meets twice every year. Members provide guidance to the faculty to ensure students are receiving an education that will serve employers well. Board members include employees and owners of local companies, as well as representatives of large corporations. These companies often offer our students either a co-op position while in class or hire them after graduation.

The Industrial Electricity Certificate fulfills the State of Wyoming educational requirement for registered apprentice electricians and transitions seamlessly to the AAS degree without loss of credit or time.

Name of program(s): Diesel Technology**CIP Code(s): 47.0605**

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-20

Credential(s) awarded: AAS & Certificate

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Diesel Technology AAS Program uses a hands-on approach to prepare students for a career in the diesel industry. Through courses in engines, electrical, hydraulics, drive trains, electronics, mobile air conditioning, and welding, students develop a safe work attitude and skills required to work on the most advanced diesel-powered vehicles. Throughout the program, students develop critical thinking and communication skills that are essential in the industry. The program is up to date with the latest equipment technologies and emission control systems. Students work with a variety of electronic diagnostic equipment as well as electronic service information systems.

The Diesel Technology Certificate program prepares students for entry-level work in diesel repair and maintenance. In addition to building a solid foundation of theory and operation of diesel systems the students apply their knowledge to troubleshoot and repair a variety of diesel equipment through labs and class projects. The Certificate program transitions seamlessly to the AAS degree without loss of credit or time.

Diesel programs in both Sheridan and Gillette colleges have active local advisory boards whose members provide industry input into the skills desired for program graduates. These boards are comprised of industry partners, regional employers, company representatives, and small business owners in the field of Diesel. These members also donate materials, hire students, and provide scholarships and internship opportunities.

Name of program(s): Heating Ventilation and Air Conditioning (HVAC)

Apprenticeship

CIP Code(s): 47.0201

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-20

Credential(s) awarded: Certificate

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The HVAC Apprenticeship Certificate provides educational components for the Sheridan area state-approved HVAC Apprenticeship that complements the 2,000-hour-per-year, working component needed to meet the yearly requirements set by the Bureau of Apprenticeship and Training, Wyoming Department of Labor, for apprentices to become eligible to sit for the journeyman's exam.

There is still high demand for trained HVAC technicians locally and nationally due to increased complexity of the HVAC industry as well as demand to fill open positions due to retirement. We are beginning discussions with local industry partners and other community colleges to see how we can begin to offer this certificate once again to support industry demand for trained HVAC technicians in our region.

Western Wyoming Community College

Name of Program(s): Education - Elementary & Early Childhood; Secondary Education - End Date 7/26/2019; Secondary Education, English, Spanish, Social Studies; Elementary & Early Childhood Education; Secondary Education - End Date 7/26/2019; Secondary Education, Mathematics, Physical Education, Science

CIP Code(s): 13.1202, 13.1205, 13.1305, 13.1330, 13.1318, 13.1202, 13.1205, 13.1311, 13.1314, 13.1316

Date this report is presented to the WCCC: January 2021

Academic year review was done: 2019-2020

Credential(s) awarded: AA.EL&EC, AA.SEED - END DATE 7/26/2019, AA.SEENG, AA.SESPAN, AA.SESS, AS.EL&EC, AS.SEED – End Date 7/26/2019, AS.SEMATH, AS.SEPE, AS.SESCI

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

The Education Department at Western Wyoming Community College provides programs and classes for students interested in a teaching career. We offer students three program options: Early Childhood, Elementary, and Secondary Teacher Preparation. All programs are offered on campus or online.

One of the strengths the Education Department offers is that Western provides students the opportunity to participate in preschool and/or public-school classroom activities as a practicum student.

Possible Job Titles for This Career

- Community Teacher
- Early Childhood Teacher
- Early Education Teacher
- Elementary School Teacher
- Kindergarten Teacher
- Master Teacher
- Preschool Teacher

Early Childhood Educator Salary and Job Outlook – In the State of Wyoming
According to the Wyoming Department of Workforce Services, Kindergarten and elementary school teachers will continue to be in demand in the state of Wyoming with positive annual increases in the job market from 2016-2026. Currently, the average annual salaries for elementary teachers in Wyoming is \$58,860 and for preschool teachers is \$30,610.

Early Childhood Educator Salary and Job Outlook – On Average Nationally
According to the US Bureau of Labor Statistics, nationally, kindergarten and elementary school teachers earn an average annual salary of \$54,550 and have job growth prospects of 6% from 2014 to 2024.1 Preschool teachers, who teach ages 3 to 5, earn an average annual salary of \$28,570 per year and have similar job growth prospects of 7 percent from 2014 to 2024.2 As schools work to decrease student-teacher ratios amid student enrollment increases in most areas of the country, job prospects for early childhood teachers should remain positive.

Name of program(s): Pre-Law End Date 4/1/2017

CIP Code(s): 22.0001

Date this report is presented to the WCCC: JANUARY 2021

Academic year review was done: 2019-2020

Credential(s) awarded:

AA.LAW - END DATE 4/1/2017

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

Pre-law is no longer a pathway of study at Western Wyoming Community College.

Name of program (s): English, Creative Writing Certificate

CIP Code(s): 23.0101, 23.1302

Date this report is presented to the WCCC: JANUARY 2021

Academic year review was done: 2019-2020

Credential(s) awarded: AA.ENGL, CRWT

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

Western's English offerings often include Honors Program courses, and the English Department sponsors *Boars Tusk*, the literary magazine for writers at Western and in the community.

The English program offers students coursework in literature, creative writing, and professional writing. When you become an English major, you are joining a thriving

community of people who share their thoughts and explore the world of writers, storytellers, and filmmakers. In each class, you will learn the tools for how to critically and creatively respond to literature and gain a framework for understanding works within history, genres, and culture. Earning an English degree will be productive and rewarding.

Possible Job Titles for this Career

- Administrative Assistant
- Copy Editor/Proofreader
- Entrepreneur
- Freelance or Staff Writer/Editor
- Lawyer
- Librarian
- Promotions/Marketing Communication
- Reporter/ Journalist
- Technical Writer

The English program also serves the General Education at Western. All AA and AS degree seeking students are required to take ENGL 1010 and ENGL 1020 as the core of their general education requirements. In this way the English program serves the institution as a whole.

Name of program(s): Criminal Justice, Law Enforcement - End Date 6/28/2019, Police I Certificate - End Date 6/28/2019

CIP Code(s): 43.0103

Date this report is presented to the WCCC: January 2021

Credential(s) awarded: AA.CRMJ, AAS.LAW - END DATE 6/28/2019, POLICE - END DATE 6/28/2019

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

One of the strengths of Western's Criminal Justice Department is that all criminal justice courses offered are instructed by professionals who work, or have worked in the various fields of the criminal justice system. The impact of this is that our educators are able to provide real-life learning through personal experience and into the classroom as they prepare our students for their chosen roles in the field.

Salary and Job Outlook – State of Wyoming

According to Wyoming at Work, currently, the average annual salaries for all Protective Service Professionals in Wyoming is \$45,640.

According to the Bureau of Labor Statistics, Criminal justice professionals will continue to be in demand with positive annual increases in the job market from 2018-2028 by more than 11%

The Bureau of Labor Statistics estimates that the median annual wage for front-line Police and Sheriff's Patrol Officers in Wyoming in 2016 was \$55,490, with an average hourly rate of \$26.68. Overall employment for these positions in 2017 was 1,140 with an expected 1.8% growth. The median annual wage for Criminal investigators in Wyoming in 2016 was \$75,250 with an hourly rate of \$36.18. These occupations are expecting a 1.1% wage increase.

National View

According to the Bureau of Labor Statistics Bureau of Labor Statistics, the average salary of a police officer or sheriff's patrol officer in the United States is \$65,400. Detectives and criminal investigators earn a median salary of \$81,920.

Name of program(s): Emergency Management Certificate - End Date 8/9/2020 CIP Code(s): 43.9999

Date this report is presented to the WCCC: January 2021
Credential(s) awarded: EMGT - END DATE 8/9/2020

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

This certificate has been discontinued, and will no longer be offered at Western.

Name of program(s): Automotive and Repair Technology, Diesel & Heavy Equipment Technology, Diesel & Medium/Heavy Truck Technology, Electrical & Instrumentation Technology, Industrial Maintenance Technology, Plant Operators, Power sports Technology - End Date 8/9/2020, Alternative Fuel Vehicle Technology Certificate - End Date 8/9/2020, Automotive Technology Certificate Diesel & Heavy Equipment Technology - End Date 7/26/2019, Diesel Technology Certificate Diesel Technology, With CDL Certificate - End Date 7/26/2019, Diesel Technology, Mining Industry Certificate, Electrical/Instrumentation/Control Technology Certificate, Electrical Apprenticeship Certificate, Industrial Maintenance, Hydraulics Option, Industrial Maintenance, Welding Option, Maintenance Mechanic Certificate For Industry, One Year Plant Operations Certificate, Power Plant Maintenance Mechanics Certificate, Powersports Technology Certificate CIP Code(s): 47.0604, 47.0605, 47.0101, 47.0699, 47.0614, 47.0604, 47.0605, 47.0303

Date this report is presented to the WCCC: JANUARY 2021
Academic year review was done: 2019-2020
Credential(s) awarded: AAS.ELECT&INST, AAS.MAINT, AAS.PLOP, AAS.PWRS - END DATE 8/9/2020, AFVT - END DATE 8/9/2020, AUTO D&HEQP - END DATE 7/26/2019, DIESEL,

DIESEL.CDL - END DATE 7/26/2019, DIESEL.MINE, ELTR.01, ELTR.APP, INDUS.MECH, INDUS.WELD, MNTMECH.IND, PLANTOP PWRPLNT, and PWRSPRT

Program's role and alignment with student, employer, service area, and/or State of Wyoming needs:

There are unique opportunities at Western for anyone with a desire to work in a technical or industrial field. Western offers degrees and certificates in 11 different industrial areas of study, including [automotive](#), [diesel](#), [electrical and instrumentation](#), [industrial maintenance](#), [mining maintenance](#), [natural gas compression](#), [oil and gas, plant operations](#), [power sports](#), and [welding](#), as well as a [commercial driver's license \(CDL\)](#) course. Each of these programs feature the latest technology and techniques that provide students the hands-on training with the actual equipment used in each industry. Automotive students can test vehicles on a chassis dynamometer, while gas compression students build their skills on a working compressor, and oil and gas students work on the only fully simulated well site at any college in the U.S. Two of our programs – Plant Operations and Industrial Maintenance – were developed in coordination with industry partners to meet specific needs and are the only programs of their kind in Wyoming.

These degrees and certificates have been designed to fit the schedules of full-time, part-time, and working students through flexible entry classes and day and evening lab hours that allow students to come in when it is most convenient and work at their own pace. Many General Education requirements can also be taken online.

Western has the equipment and technology that allow graduates to find placement within their chosen field before or shortly after their graduation. Program faculty work with their many industry partners to ensure that graduates are prepared to enter the workforce or move into advanced positions. Western's programs were developed in partnership with the industries they represent so that the training they provide meets the expectations and needs of industry. These close ties with industry provide students with a wealth of practical expertise, apprenticeship and internship opportunities, and future job prospects.

New Program Projected Enrolled Majors, Actual Enrolled Majors, and Number of Graduates 2017-2020

COLLEGE	PROGRAM TITLE	DEGREE/CERT TYPE	START DATE 2017	CREDIT HOURS	CIP	Total PROGRAM GRADUATES Through June 2020	YEAR ONE PROJECTED ENROLLED MAJORS	YEAR ONE ACTUAL ENROLLED MAJORS (fall 2017)	YEAR TWO PROJECTED ENROLLED MAJORS	YEAR TWO ACTUAL ENROLLED MAJORS (fall 2018)	YEAR THREE PROJECTED ENROLLED MAJORS	YEAR THREE ACTUAL ENROLLED MAJORS (fall 2019)	COMMENT WHEN ENROLLMENT IS LOW:
Casper C.	Foundations of Interprofessional Health Care	Cert	Fall 2017	24	51.0001	1	10-20	0	20-30	0	30-40	1	There was some confusion as to who oversaw this program.
Casper C.	Hospitality and Tourism Management	Pilot AAS	Fall 2017	60	52.0901	8	NA	0	NA	8	NA	19	Not sure how this differs from same program listed below.
CWC	Communication	Pilot AA	Fall 2017	60-61	9.0101	14	10	7	15	20	20	17	
CWC	Esthetician	Pilot Cert	Fall 2017	30	12.0409	6	NA	0	NA	7	NA	4	
CWC	Film	Pilot AA	Fall 2017	60	9.0702	15	15	15	20	17	25	18	
CWC	Hair Technician	Pilot Cert	Fall 2017	39	12.0407	1	NA	0	NA	3	NA	1	
CWC	Nail Technician	Pilot Cert	Fall 2017	20	12.041	6	NA	0	NA	6	NA	2	
CWC	New Media	Pilot AAS	Fall 2017	60	50.0602	4	6	5	10	9	12	15	Students opting for flexibility of transfer degree for options post graduation - work & additional education. When AAS approved there were several regional film proposals. Unfortunately none of the films were given needed approvals to begin production. Students opted for AA degree instead.
CWC	Film	Pilot AAS	Fall 2017	60	50.0602	3	5	4	10	3	15	2	
CWC	Pilot Cosmetology	Pilot AAS	Spring 2018	69	12.0401	11	NA	11	NA	29	NA	25	
CWC	Pilot Cosmetology Instructor	Cert	Spring 2018	21	12.0413	2	NA	0	NA	0	NA	4	
EWC	Barbering Technician	Cert	Fall 2017	30	12.0402	3	12	5	12	3	12	1	
LCCC	Theatre	AA	Fall 2017	62-63	50.0501	12	10	13	15	29	10	29	
LCCC	Building Technology	AAS	Fall 2017	70	15.0503	1	10	2	15	3	15	0	Program Discontinued Fall 2019
LCCC	Speech/Language Pathology Assistant	AAS	Fall 2017	65	51.0816	19	10	10	15	27	20	38	
LCCC	Technical Agriculture Operations	AAS	Fall 2017	62	1.301	0	10	2	15	2	20	3	Program Discontinued Fall 2020
LCCC	Exercise Science-Coaching	Cert	Fall 2017	13	13.1314	13	12	4	15	16	20	6	
LCCC	Engine Management/Drivability	Cert	Fall 2017	16	47.0604	52	15	14	15	21	15	12	
LCCC	Under Car/HVAC Cert	Cert	Fall 2017	17	47.0604	33	15	2	15	18	30	3	Enrollment increased in Spring 2020
NWCCD	IT Support Technician	Pilot Cert	Fall 2017	31	11.1006	12	8	0	10	32	12	25	In process of reviewing the program
WCCC	Emergency Medical Services	AAS	Fall 2017	64	51.0904	64	10	14	10	19	10	31	
WCCC	Business Management	Pilot AAS	Fall 2017	64	52.0201	64	10	8	20	44	25	51	
WCCC	Geographic Information Systems (GIS)	Cert	Fall 2017	23	7	23	4	0	9	0	14	0	
WCCC	Application Software Specialist Cert	Pilot Cert	Fall 2017	20	11.0601	20	NA	1	NA	2	NA	1	
WCCC	Emergency Medical Services (EMS) Cert	Pilot Cert	Fall 2017	31	51.0904	31	NA	0	NA	1	NA	0	

COLLEGE	PROGRAM TITLE	DEGREE/CERT TYPE	START DATE 2018	CREDIT HOURS	CIP	Total PROGRAM GRADUATES Through June 2020	YEAR ONE PROJECTED ENROLLED MAJORS	YEAR ONE ACTUAL ENROLLED MAJORS (fall 2018)	YEAR TWO PROJECTED ENROLLED MAJORS	YEAR TWO ACTUAL ENROLLED MAJORS (fall 2019)	YEAR THREE PROJECTED ENROLLED MAJORS	YEAR THREE ACTUAL ENROLLED MAJORS (fall 2020)	COMMENT WHEN ENROLLED MAJORS IS LOW:
Casper C.	Coaching	Cert	Fall 2018	15	13.1314	1	10	2	15	4	15		
Casper C.	Personal Trainer	Cert	Fall 2018	29.33	31.0507	2	10	2	15	6	20		
Casper C.	Kinesiology and Health Promotion	AS	Fall 2018	63.33	31.0505	7	8	4	10	13	15		
CWC	Communication	AA	Fall 2018	60-61	9.0101	14	10	20	15	17	20		
CWC	Film	AA	Fall 2018	60	50.0602	15	15	17	20	18	25		See note above for program
CWC	Film	AAS	Fall 2018	60	50.0602	3	5	3	10	2	15		
CWC	New Media	AAS	Fall 2018	60	9.0702	4	6	9	10	15	12		
CWC	Medical Assistant	Cert	Fall 2018	31	31.9092	18	20	22	25	35	25		
EWC	Gunsmithing	AAS	Fall 2018	60	47.0402	0	15	0	15	14	20		
EWC	Precision Agriculture	Pilot AAS	Fall 2018	62-64	1.9999	0	NA	0	NA	0	NA		
EWC	Precision Agriculture	Pilot Cert	Fall 2018	31	1.9999	0	NA	0	NA	0	NA		
EWC	Welding Specialist	Pilot Cert	Fall 2018	30	48.0508	5	NA	0	NA	5	NA		
LCCC	Data Center Technician	Cert	Fall 2018	60	47.0104	24	12	13	13	29	15		
LCCC	Equine Training	Cert	Fall 2018	29	51.0801	12	15	13	15	11	20		
NWCCD	Medical Assistant	Cert	Fall 2018	29	51.0801	18	12	12	16	7	16		Curriculum changed beginning Fall 2020
NWC	Criminal Justice	AAS	Fall 2018	60	43.0104	1	8	2	12	2	15		
NWC	Criminal Justice	Cert	Fall 2018	33	43.0104	0	8	0	12	1	15		
NWC	Certified Medical Assistant	Cert	Fall 2018	30	51.0801	4	25	6	25-28	7	25-28		Heightened course enrollment, indicating students' course interest but have yet declared a major.
WWCC	BIS: Social Media	Pilot Cert	Fall 2018	16	9.0702	0	NA	1	NA	2	NA		
WWCC	BIS: Digital Media	Pilot AAS	Fall 2018	64	9.0702	0	NA	1	NA	1	NA		
WWCC	Police I	Pilot Cert	Fall 2018	30	43.0104	0	NA	1	NA	0	NA		Program ended 6/28/2019
WWCC	Computer Science Endorsement	Pilot Cert	Fall 2018	15	11.0101	11	NA	0	NA	5	NA		
WWCC	Application Software Specialist	Pilot AAS	Fall 2018	64	11.0601	0	NA	0	NA	0	NA		
WWCC	Business Information Systems - Digital	Pilot AAS	Fall 2018	64	9.0702	??	NA		NA		NA		

COLLEGE	PROGRAM TITLE	DEGREE/CERT TYPE	START DATE 2019	CREDIT HOURS	CIP	Total PROGRAM GRADUATES Through June 2020	YEAR ONE PROJECTED ENROLLED MAJORS	YEAR ONE ACTUAL ENROLLED MAJORS (fall 2019)	YEAR TWO PROJECTED ENROLLED MAJORS	YEAR TWO ACTUAL ENROLLED MAJORS (fall 2020)	YEAR THREE PROJECTED ENROLLED MAJORS	YEAR THREE ACTUAL ENROLLED MAJORS (fall 2021)	COMMENT WHEN ENROLLED MAJORS IS LOW:
Casper C.	Engineering Technology and Design	Cert	Fall 2019	30	15.1301	0	10	0	15		20		
Casper C.	Hospitality and Tourism Management	AAS	Fall 2019	60	52.0901	8	16	0	20		24		Not sure how this differs from same program listed above.
CWC	2-Dimension Art II One Year Cert	Cert	Fall 2019	28	50.0701	6	NA	0	NA		NA		
CWC	3 Dimension Art II One Year Cert	Cert	Fall 2019	28	50.0701	7	NA	1	NA		NA		
CWC	Artist Credential II One Year Cert	Cert	Fall 2019	40	50.0701	0	NA	0	NA		NA		
CWC	Electrical Apprenticeship	Cert	Fall 2019	26	46.0302	5	150	88	175		180		
CWC	Leadership Studies	Cert	Fall 2019	10	52.0201	0	15	0	20		25		The curriculum design and approval process took longer than originally anticipated, so advertisement of the course sequence was not effective for Fall 2019. Roll out began in earnest Spring 2020.
CWC	Medical Office Support	Cert	Fall 2019	12.5	51.071	13	12	8	18		18		
CWC	Patient Care Technician	Cert	Fall 2019	19	51.9999	0	8	2	12		15		
EWC	Human Services AA Degree	AA	Fall 2019	61-64	44	0	3	4	5		8		
EWC	Barbering/Stylist One Year Cert	Cert	Fall 2019	39	12.0402	4	5	4	7		8		
LCCC	Industrial Systems Technology Short Term	Cert	Fall 2019	18	15.0699	4	30	10	40		40		
LCCC	Electrical Technology Short Term Cert	Cert	Fall 2019	18	46.0302	12	12	5	24		24		
LCCC	Plumbing Technology Short Term Cert	Cert	Fall 2019	18	46.0503	0	12	0	12		12		
NWCCD	Arts Administration	Cert	Fall 2019	15	50.0701	0	5	2	8		10		Enrollment doubled from Fall 2019 to 2020 , a higher rate of increase than predicted. Initial numbers lower than predicted, possibly due to late marketing (certificate approved in late June before August launch). Fall '20 numbers likely impacted by Covid-19. Some students hold off declaring until their graduation term. Certificate does not require additional resources (personnel, facilities, etc.) as a cost-effective way to supplement other programs at NWCCD.
NWCCD	Computer Science (from Computer Information Systems)	AS	Fall 2019	60	11.0401	0	10	13	15		20		We are in process of reviewing the program
NWCCD	Engineering Technology (from Computer Aided Design)	AAS	Fall 2019	61	15.130	5	10	11	15		20		This program's offerings will be reevaluated and updated AY 21/22
NWC	Conservation Law Enforcement AAS Degree	AAS	Fall 2019	60	3.0208	1	10	19	15		20		
WWCC	Paramedicine	AS	Fall 2019	73.5	51.0904	73.5	12	0	12		12		
WWCC	Cloud Computing	AAS	Fall 2019	64	15.1142	64	12	0	24		24		Program never got off the ground
WWCC	Cloud Computing	Cert	Fall 2019	30	15.1142	30	12	0	24		24		Program never got off the ground
WWCC	Powersports Technician	Cert	Fall 2019	43	47.0600	43	3	0	6		9		Program ended 8/9/2020
WWCC	Powersports Technician	AAS	Fall 2019	67	47.0600	67	3	0	6		9		Program ended 8/9/2020

Discontinued Programs: 2019-2020 Academic Year

College	CIP	Degree /Cert	Program Title	Initial Program Approved Date
Casper Col.	51.1501	Degree	Associate of Science Degree in Addictionology	4/4/2001
Casper Col.	51.1501	Cert	Addictionology Certificate	7/25/2001
Casper Col.	15.0406	Cert	Automation Certificate	8/20/2012
Casper Col.	52.0901	Degree	Associate of Applied Science in Hospitality Management	5/5/2005
Casper Col.	15.0405	Degree	Associate of Applied Science Degree in Robotics Tech	4/20/2007
Casper Col.	15.0405	Cert	Robotics Technology Certificate	4/20/2007
Central Wyoming College did not discontinue any programs from 8/31/2019 to 8/31/2020				
Eastern Wyoming College did not discontinue any programs from 8/31/2019 to 8/31/2020				
LCCC	52.0301	AS	Accounting	1/1/1992
LCCC	52.0701	CD	Business Management – Entrepreneurship Business Plan	4/6/2016
LCCC	52.0411	CD	CIS - Computer Support Specialist	6/1/2015
LCCC	11.9999	CD	CIS - Office Application Specialist	6/1/2015
LCCC	11.0801	AS	CIS - Web Design	6/1/2015
LCCC	11.0101	AS	Computer Science – Business Concentration	7/10/2015
LCCC	52.2001	AAS	Construction Management	6/1/2015
LCCC	43.0104	AA	Criminal Justice – Law Enforcement	1/1/1995
LCCC	15.1301	CD	Engineering Technology	6/1/2015
LCCC	15.1301	AAS	Engineering Technology - Drafting and Design Concentration	1/1/1996
LCCC	01.0507	AS	Equine Science – Business Management Concentration	8/9/2000
LCCC	54.0101	AS	History – Digital History Concentration	3/3/2016
LCCC	30.1801	AS	Natural Science – Chemistry (BA Track) Concentration	6/1/2015
LCCC	30.1801	AS	Natural Science – Human Biology Concentration	6/1/2015
LCCC	26.0204	AS	Natural Science – Molecular Biology Concentration	6/1/2015
LCCC	40.0801	AS	Natural Science – Physics Concentration	12/6/2017
LCCC	30.1801	AS	Natural Science – Physiology Concentration	6/1/2015
LCCC	26.0709	AS	Natural Science – Wildlife Biology Concentration	6/1/2015
LCCC	26.0709	AS	Natural Science – Zoology Concentration	6/1/2015
LCCC	44.0799	AA	Psychology – Social Work Concentration	6/1/2015
LCCC	42.0101	AA	Psychology	1/1/1995
LCCC	1.0301	AAS	Technical Agriculture Operations	4/19/2017
Northwest College did not discontinue any programs from 8/31/2019 to 8/31/2020				
NWCCD	11.1004	AAS	Computer Web Design	5/15/2006
WWCC	50.0901	AA	AA.Music,Voice	8/1/1992
WWCC	50.0901	AA	AA.Popular Music, Instrumental	3/27/2017
WWCC	50.0901	AA	AA.Popular Music, Voice	3/27/2017
WWCC	43.0103	AAS	AAS.Law Enforcement	11/26/2007
WWCC	52.0408	CCD	Clerk Typist Certificate	1/1/1993
WWCC	43.0103	CCD	Police I Certificate	1/1/2018
WWCC	24.0101	CCD	English Language Acquisition	1/1/2017
WWCC	51.0716	CCD	Medical Office Assistant Certificate	7/1/2007
WWCC	47.0605	CCD	Diesel & Heavy Equipment Technology	7/1/2003
WWCC	47.0605	CCD	Diesel Technology, With CDL Certificate	6/1/2007
WWCC	51.1102	AS	Pre-Medicine	8/1/1996
WWCC	52.1401	AS	Marketing	8/1/1996
WWCC	51.1109	AS	Physical Therapy	8/1/1996
WWCC	13.1205	AS	Secondary Education	8/1/1996
WWCC	51.1104	AS	Pre Veterinary	8/1/1996
WWCC	26.0101	AS	Pre-Wildlife Biology	8/1/1996
WWCC	52.0301	AS	Accounting	8/1/1996
WWCC	26.0101	AS	Biology	8/1/1996
WWCC	52.0201	AS	Accounting/Business	1/1/2016
WWCC	11.0401	AS	Computer Information Systems	8/1/1996
WWCC	51.1101	AS	Pre-Dentistry	8/1/1996
WWCC	26.0101	AS	Pre-Rangeland Ecology	8/1/1996
WWCC	3.0101	AS	Environmental Science	8/1/1996
WWCC	14.0101	AS	Engineering	8/1/1996
WWCC	26.0101	AS	Pre-Forestry	8/1/1996
WWCC	24.0102	AS	General Education	8/1/1996
WWCC	24.0102	AS	Career	1/1/2007
WWCC	51.0716	AAS	Office Information Systems Medical Office Asst.	1/1/1993
WWCC	52.0401	AAS	Office Information Systems	1/1/1993
WWCC	50.0501	AFA	Musical Theatre	1/1/1998
WWCC	13.1205	AA	Secondary Education	8/1/1992
WWCC	50.0301	AA	Dance	1/1/1992
WWCC	24.0102	AA	General Studies	1/1/1992
WWCC	50.0901	AA	Music Instrumental	8/1/1992
WWCC	51.1199	AS	Pre-Health	1/1/2017