

Wyoming Community College Commission

2300 Capitol Ave., 5th Floor, Suite B, Cheyenne WY 82002

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Memorandum

To: Select Committee on Community College Funding and Governance

From: Dr. Sandra Caldwell, Executive Director, Wyoming Community College Commission
Dr. Ben Moritz, Deputy Director, Wyoming Community College Commission

Date: July 28, 2020

Re: Overview of Academic Offerings at the Community Colleges, and background on program development and approval processes across the colleges and the WCCC

Overview

The Wyoming Community Colleges provide widely varying academic programs across the state. The following document provides information about the programs offered, how new programs are proposed, approved, and reviewed, and a high-level survey of how and why academic offerings vary from college to college.

Program Approval Process

Once a new academic program is proposed, it must first be approved within the college governance structure, and then forwarded to the Wyoming Community College Commission (WCCC). The WCCC is granted authority to approve new academic programs at the colleges through W.S. 21-18-202(d), and WCCC Rules 6.2 establishes the criteria for approval, which include:

- The alignment of the program with the WY Community College Commission Statewide Strategic Plan
- Projected labor market demand for graduates in the state and region which include a five-year period from the proposed implementation date
- Wage projections for program graduates who enter an occupation directly related to their earned academic credential
- Documented citizen, business and industry input in program design and assessment (for AAS or certificates)
- A list of similar programs at other Wyoming community colleges

The WCCC uses a four-tiered approval process to evaluate proposed academic programs according to the criteria listed above. This process includes the following groups:

1. Program Review Committee – a committee within the Commission that ensures the application is complete, accurate, and meets minimum Commission requirements
2. Academic Affairs Council (AAC)– a committee comprised of the VPAA’s from each college and facilitated by the Chief Academic Officer for the WCCC. They review the application and ensure that the program is responsive to local and state economic needs.
3. Executive Council (EC) – a committee comprised of the seven community college presidents and facilitated by the WCCC Executive Director. The EC reviews program approvals from the AAC and approves their addition to Commission agendas.
4. Commissioners – the appointed Commissioners provide final approval for new programs and ensure that each program meets the criteria established in WCCC statutes and rules.

Review and Termination

The WCCC and the colleges both have processes in place to review existing programs and identify programs that are inefficient, ineffective, or no longer serve the needs of the community.

The WCCC is mandated to review all credit-bearing programs at least once every five years. These reviews compile information on credit hour enrollment, declared major count, program graduates, service area resident program graduates, and state-wide resident program graduates. An executive overview of the program review is compiled and is provided to the colleges, the Legislature, and the general public.

Each college maintains its own process to consistently review program outcomes to ensure programs are effective, efficient, and address the needs of their community. These processes frequently include data from the WCCC program reviews, as well as institutional data, feedback from local industry, and surveys from graduates.

The decision to discontinue a program lies with the college and its governance structure. The colleges have economic, academic, and budgetary motivations to eliminate ineffective programs, and regularly terminate multiple programs each year to ensure their institutional efficiency.

Academic Year	# of Discontinued Programs State-wide
2015-2016	39
2016-2017	40
2017-2018	60
2018-2019	16

Academic Offerings

Types of Credentials: The community colleges offer Associate degrees, Applied Associate degrees, Bachelor of Applied Science degrees, and Certificates.

For the most part, Associate degrees (e.g. Associate of Arts, Associate of Nursing, Associate of Fine Arts, etc.) are designed for students planning to transfer to a 4-year institution, and easily

facilitate transfer into Bachelor degree programs. Amongst full-time students, 2/3's are pursuing transfer-oriented degrees, approximately 75% of all UW graduates transferred from a Wyoming community college.

Certificates, Applied Associates and Bachelor of Applied Science programs are commonly called “Terminal Degrees” insofar as they represent the final educational credential before a student enters the workforce. It is important to note that our modern economy increasingly requires frequent up-skilling and retraining as jobs change and required skillsets expand and develop. Within this environment, the concept of “Terminal Degrees” becomes less accurate, and many workers who obtain such a degree or certificate will pursue additional credentials later in life. The percentage of community college students pursuing these types of credentials is growing, as is the percentage of students who are working adults. To this point, 63% of part-time students (most working adults cannot attend college full-time) are pursuing CTE or Certificate programs.

Scope of Academic Offerings:

The community colleges currently offer 751 academic programs (degrees or certificates). A complete list of currently approved programs can be found in **Appendix A**.

Replication vs. Duplication: While 751 programs may seem like a large number given Wyoming’s small population, it is important to note the difference between Replication and Duplication.

Replicating effective and high-demand programs at different institutions allows students from different regions of Wyoming to take advantage of similar programs. Examples would include multiple welding or business administration programs across the colleges. Welding and business are both fields with high demand across the state, and the establishment of multiple programs prevents bottlenecks and ensures that all regions have access to a workforce with these vital skills.

Duplication refers to creating a copy of an existing program and introducing it to a new region regardless of need or demand. This can lead to start-up costs with minimal enrollment, or unnecessary competition across colleges for limited numbers of interested students.

The approval process specifically requests information on existing, similar programs across the state and requires an explanation of how the new program is not duplication. Furthermore, the WCCC 5-year review process and internal college review processes review enrollment and cost numbers and have been effective in addressing unintended instances of duplication.

Regional Specialization: The program listing in **Appendix A** also reveals the extent to which colleges adopt academic programs that uniquely address the needs of their local communities and regions. See below for a listing of the top 12 programs by enrollment at each of the colleges. Note that while some programs are consistent across the state (e.g. A.A. General Studies, Associate of Nursing, etc.) there is also significant variety reflective of the unique needs of each region.

Rank	Casper	Central	Eastern	Laramie	Northwest	NWCCD	Western
1	AS General Studies	AA General Studies	Welding Plate Cert.	ADN	AS General Studies	AS General Studies	AA General Studies
2	LPN	ADN	Interdisc AA	AA General Studies	AA General Studies	LPN	AS General Studies

3	ADN	Entrepreneur Cert.	AAS Welding Joining	CNA	AAS Photo Communication	Diesel Tech Cert.	ADN
4	AA General Studies	Computer Tech. Cert.	AAS Vet. Tech	AS Gen. Studies Science/Health	ADN	ADN	AA Elem. Education
5	AA Elem. Education	Outdoor Ed/Leadership	Interdisc AS	AA Psychology	AA Criminal Justice	Business Admin	AA Psychology
6	Fire Science Tech Cert.	AA Psychology	Computer App Cert.	AAS Phys. Therapy Asst.	AAS Welding Technology	Welding Tech Cert.	AAS Electrical & Instrument. Tech
7	AAS Fire Science	Welding Cert.	Vet. Aide Cert.	AAS Dental Hygiene	Business Admin.	AAS Dental Hygiene	LPN
8	Occup. Therapy Asst. Cert	AS Criminal Justice	Welding Machine Tool Cert.	AAS Radiography	Agricultural Business	AA Elem. Education	AA Criminal Justice
9	Business Admin.	AS Biological Science	AAS Cosmetology	AAS Comp. Info. Science	AS Engineering	AS Health Sciences	AS Engineering
10	AS Psychology	AA Sec. Education	AA Elem. Education	Business Admin.	AA Psychology	AA General Studies	Business Admin
11	AS Radiography	Business Admin.	AA Social Science	Diesel Tech Cert.	AA Elem. Education	Industrial Electrical Cert.	Maintenance Mechanic Cert.
12	AS Health Sciences	AA English	Agriculture. Farm/Ranch Mgmt	AAS Wind Energy	AAS Business	Machine Tool Tech Cert.	Electrical/Instrumentation Tech Cert.

Consortium and Partnerships: In an effort to increase program efficiency—particularly for fields with high capital costs—the colleges are increasingly looking to consortium or state-wide partnership approaches. The ReNEW program was one of the first cooperative academic initiatives, allowing for students to pursue nursing while reducing costs and travel for their first two years by studying at a community college before transferring to UW to complete their degree. While the logistics of these types of programs varies, they all allow the colleges to leverage multiple institutional resources to provide additional student opportunities. Additional examples include:

- CDL Certification across LCCC, EWC and NWC
- Dental Hygiene – NWCCD and UW
- Medical Laboratory Tech – Casper and UW
- CTE Teacher Education Program – UW and all 7 colleges

While these programs represent positive progress towards more efficiency and partnership, it should be noted that current funding models frequently create disincentives to partner programs. State allocations are assigned, in part, by each institution's FTE, and therefore a college's participation in a consortium with two other colleges brings in less state funding than if that same program was offered solely by that same college.

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Appendix A

For Memorandum on Community College Academic Offerings

Note: Casper College Offerings Begin on Page 7

Central	Eastern	Laramie	Northwest	NWCCD	Western
Accounting-Bookkeeping Cert.	Elem. Education AA	Art, AA	Northwest College Cert.	Certified Nursing Assistant	Anthropology, AA
Accounting AAS	Second. Education AA	Computer Info Systems, AAS	Accounting, A.S.	Biology AS	Art Foundation, AA
Accounting, AS	Art, AA	Accounting, AS	Agriculture - Farm & Ranch Mgmt, A.A.S.	Hospitality Management Cert.	Communication, AA
Agri-Business, AS	Pre-professional Dentistry AS	Computer Science, AS	Agroecology, A.S.	Agricultural Business AS	Criminal Justice, AA
Art, AA	Agriculture – Farm & Ranch Mgmt AAS	Criminal Justice, Law Enforcement AA	Animal Science, A.S.	Business AS	Elementary & Early Childhood Education, AA
Auto Tech-Power Sports, AAS	Business Admin AAS	English, AA	Anthropology, A.A.	Business Cert.	English, AA
Auto Tech-Power Sports Option, Cert I	Phys. Ed. Health & Recreation AA	Mass Media, AA	Art, A.A.	Dental Hygiene AAS	History, AA
Business Admin, AS	Criminal Justice AAS	Music, AA	Biology, A.S.	Diesel Tech AAS	Political Science, AA
Business Mgmt, AAS	English, AA	Psychology, AA	Chemistry, A.S.	Diesel Tech Cert.	Psychology, AA
Computer Science, AS	Second. Ed. – Math, AA	Agribusiness Tech, AAS	Communication, A.A.	Elementary Education AS	Social Science, AA
Criminal Justice, AA	Vet Tech AAS	Auto Body Repair, AAS	Early Childhood Education, AA	General Science AS	Social Work, AA
Criminal Justice, AAS	Interdisc. Studies, AA	Automotive Technology, AAS	Early Childhood Education, AS	General Studies AA	Sociology, AS
Elementary Education, AA	Interdisc. Studies, AS	Diesel Technology, AAS	Elementary Education, A.A.	General Studies AS	Automotive Technology, AAS
English, AA	Welding and Joining Tech, AAS	Equine Training Mgmt, AAS	Elementary Education, A.S.	History AA	Industrial Maint. Tech AAS
Film, AAS	Welding and Joining Tech, CERT I	Radiography, AAS	Equine Business Mgmt, A.A.S.	Hospitality Management AAS	Mining Maintenance Tech, AAS
Human Services-Additions Option, AAS	Biology, AS	Engineering Science, AS	Equine Riding and Training Conc: Riding, A.A.S.	Machine Tool Technology AAS	Automotive Technology Cert.
Human Services-, AAS	Economics, AS	Mathematics, AS	General Studies, A.A.	Machine Tool Technology Cert.	Industrial Maint. Hydraulics
Psychology, AA	Mathematics, AS	History, AA	General Studies, A.S.	Physical Education AS	Industrial Maint., Welding
Secondary	Pre-professional	Ag Production	Secondary	Practical Nursing	Mine Maintenance

Education, AA	Medicine, AS	Technology, AAS	Education, A.A.	Cert.	Tech Cert.
Theatre, AA	Pre-professional Nursing, AS	Paralegal, AAS	Secondary Education, A.S.	Pre-Professional AS	Nursing, AS (Transfer)
Welding, AAS	Pre-professional Pharmacy, AS	Nursing, Cert	Agriculture - Range Mgmt, A.S.	Psychology AA	Diesel Technology Cert.
Welding, Cert I	Pre-professional Veterinary Medicine, AS	Welding Technology, AAS	Outdoor Ed. and Recreational Leadership-AS	Secondary Education AS	Electrical Apprentice. Cert.
Farrier Science, Cert	Statistics, AS	Equine Science, AS	Photographic Comm., AAS	Social Science AA	Business Admin, AS
Artist Cert. II	Accounting, AS	Early Childhood Education, AA	Physics, A.S.	English AA	Chemistry, AS
Three-Dimensional Art, Cert II	Comm., AA	Multimedia, AA	Political Science, A.A.	Carpentry Apprentice Cert.	Exercise Science, AS
Two-Dimensional Art, Cert II	Wildlife and Fisheries Mgmt AS	Equine Business Mgmt, AS	Pre-Occupational Therapy, A.S.	CJ: Correctional Services AAS	Geology, AS
Auto Technology, Cert II	Rangeland Ecology & Wetland Mgmt, AS	Education, AA	Pre-Optometry, A.S.	CJ: Correctional Services Cert.	Mathematics, AS
Prelegal Studies, AA	Agriculture – Beef Production CERT I	Dental Hygiene, AAS	Pre-Pharmacy, A.S.	CJ: Crime Scene Investigation Cert.	Re-Pharmacy, AS
Teaching Riding, Cert II	Welding – Machine Tool Tech CERT I	Surgical Technology, AAS	Pre-Physical Therapy, A.S.	CJ: Law Enforcement AAS	Pre-Radiology, AS
Welding, Cert II	Business Admin. Distance Learning AAS	Diagnostic Medical Sonography, AAS	Psychology, A.A.	CJ: Law Enforcement Cert.	Musical Theatre, AA
Early Childhood, AAS	Cosmetology, AAS	Physical Therapist Asst., AAS	Sociology, A.A.	CJ: Security AAS	Electrical/ Instr./Control Tech Cert.
Outdoor Education and Leadership, AA	Cosmetology – Hair Tech. CERT	Emer Med Services - Paramedics, AAS	Welding Technology, A.A.S.	CJ: Victim Advocacy AAS	Supervision & Leadership Cert.
Auto Technology-General Option, AAS	Cosmetology Skin Tech, Cert	Wind Energy, AAS	Welding Technology, C.S.C.	CJ: Victim Advocacy Cert.	English as a Second Language Cert.
Auto Technology-General Option, Cert	Interdisc. Studies Distance Learning, AA	Paralegal, Cert	Graphic Design, A.A.	Engineering AS	Surface Maintenance Mechanics Cert.
Auto Technology-Power Sports Option, Cert II	Interdisc. Studies Distance Learning, AS	Technical Studies, AAS	Graphic Design, A.A.S.	Computer Networking Administration AAS	Underground Maintenance Mechanics Cert.
Construction Tech, Cert II	Business Admin., AS	Fire Science Tech, AAS	History, A.A.	Art AFA	Accounting Cert.
Engineering, AS	Cosmetology, Nail Tech, CERT	Heating, Ventilation, AC/Refrigeration, AAS	Mathematics, A.S.	Music AFA	Fitness Leadership Cert.
Mathematics, AS	Criminal Justice, AA	Exercise Science, AS	Music Technology, A.A.S.	Welding Technology Cert.	Power Plant Maintenance Mech. Cert.
Early Childhood Education, AA	Criminal Justice - Corrections CERT I	Health Information Technology, AAS	Music, A.A.	Industrial Electricity AAS	Spanish, AA
Dental Assistant, Cert I	Computer Applications, CERT	Criminal Justice, Corrections/ Pre-Law, AA	Natural Resource Biology, A.S.	Massage Therapy AAS	Technical Theatre, AA
Dental Assistant, Cert II	Business Education, AS	Interdisc. Liberal Arts, AA	Nursing, A.A.S.	Construction Technology Cert.	Administrative Assistant Cert.
American Indian Studies, Cert	Entrepreneur-ship, CERT	Psychology, Social Work Emphasis, AA	Pre-Professional Sciences, AS	Culinary Arts Cert.	Nursing, ADN
Mormon Migration, Cert II	Plate Welding Cert.	Spanish, Education Conc., AA	Social Science, A.A.	Surveying Technology AAS	Web Site Development Cert.
Oregon Trail, Cert II	Precision Agriculture Cert.	Spanish, Liberal Arts Concentration, AA	Business Administration, A.S.	Animal Science AS	Diesel & Heavy Equipment Technology, AAS
Culinary Arts, AAS	Aquaculture Tech., CERT	Cybersecurity, AAS	Engineering, A.S.	Rangeland Management AS	Oil & GAS Production Technology, AAS
Culinary Arts, Cert I	Agriculture Business & Science, AS	Agriculture, Agriculture Business Concentration, AS	Agriculture Business, A.S.	Theater & Dance AA	Welding Tech Fabrication Shop Option, AAS
Hotel and Restaurant	Criminal Justice,	Agriculture, Animal	Agriculture -	Welding Technology	Welding Tech

Management, AAS	Distance Learning, CERT I	Science Concentration, AS	Production, C.S.C.	AAS	Industrial Plant Option, AAS
Administrative Assistant, AAS	Early Childhood Ed. Distance Learning, AA	Business and Finance, AS	Archaeological Technician, S.C.	Mathematics AS	Welding Tech Mine Maintenance Option, AAS
Computer Technology, AAS	Social Science, AA	AS, Exercise Science, Physical Ed. Teacher Ed	Business, A.A.S.	Administrative Assistant Cert.	Welding Tech Fabrication Shop Cert.
Computer Technology, Cert I	Veterinary Aide, Cert.	Health Sciences, AS	Drafting Technology, A.A.S.	Culinary Arts AAS	Welding Technology - Industrial Plant Cert.
Computer Technology, Cert II	Elem. Education, Distance Education, AA	Natural Science, Biology Conc., AS	GAS Metal Arc Welding (gmaw), S.C.	Construction Technology AAS	Welding Technology - Mine Maint. Cert.
Office Specialist, Cert II	Pre-professional Allied Health, AS	Natural Science, Chemistry, AS	GAS Tungsten Arc Welding (gtaw), S.C.	Health Science AS	Natural GAS Compression Technology, AAS
Office Support, Cert I	Criminal Justice, Distance Learning, AA	Natural Science, Chemistry AS	Agriculture - Production, A.A.S.	Athletic Coaching Cert.	Practical Nursing, Cert
Photography, AAS	Nursing, ADN	Natural Science, Human Bio, AS	Archaeology Technology, A.S.	Early Childhood Education Cert.	Electrical Mine Maintenance Cert.
Software Support Specialist, AAS	Cosmetology – Barbering Tech, CERT I	Natural Science, Molecular Biology, AS	Agriculture Communication, A.S.	Criminal Justice AA	Natural GAS Compression Technology Cert.
Farm and Ranch Management, Cert II	Agriculture, Business and Science Agronomy, AS	Natural Science, Physiology, AS	Agriculture Education, A.S.	Criminal Justice AS	Maintenance Mechanic Cert. For Industry
Technical Studies, AAS	Agriculture, Business and Science, Animal Sci. Option, AS	Natural Science, Wildlife Biology, AS	Computer Science, A.S.	Music Technology Cert.	Medical Administrative Assistant Cert.
Technical Studies, Cert. I	Agriculture, Business and Science, AS	Natural Science, Zoology, AS	Coach - Assistant, S.C.	Early Childhood Education AAS	Oil & GAS Production Operator Cert.
Farm and Ranch Resource Management, AAS	Agriculture, Business and Science, Comm. Option, AS	Automotive Body Repair, CD	Coach - Head, S.C.	Industrial Electricity Cert.	Electrical & Instrumentation Technology, AAS
Farm and Ranch Resource Management, Cert I	Agriculture, Business and Science, Equine Option, AS	Automotive Technology, Engine Management/ Drivability, CD	Equine Care and Basic Riding, S.C.	Horticulture & Sports Turf Management AAS	Emergency Management Cert.
Entrepreneurship, AAS	Secondary Education, Agriculture, AA	Automotive Tech, Under Car/HVAC, CD	Spanish - World Languages, AA	Cyber Security AAS	Creative Writing Cert.
Entrepreneurship, Cert I	Secondary Education, Phys. Ed. Option AA	CIS Cybersecurity Fundamentals, CD	Powell Valley Community Education	Cyber Security Cert.	Digital Design Technologies Cert.
Entrepreneurship, Cert II	Education – Child Development Cert.	CIS Cybersecurity Professional, CD	Nursing Assistant, S.C.	Mining Technology AAS	Alternative Fuel Vehicle Tech. Cert.
Business, AA	Education – Child Dev. Distance Learning Cert.	CIS Office Applications Specialist, CD	Photographic and Digital Preservation Specialist-CD	Personal Trainer Education Cert.	Diesel & Medium-Heavy Truck Tech, AAS
Technical Studies: Entrepreneur-ship AAS	Human Services, AA	CIS Web Design, CD	Practical Nursing, C.S.C.	Massage Therapy Cert.	Elementary & Early Childhood Education, AS
Social Science, AA	Cosmetology, Barber Stylist Tech, CERT I	CIS, Computer Support Specialist, CD	Allied Health, A.S.	Agriculture AAS	Dance, Entertainment Industry, AA
Health Science, Cert	Precision Agriculture AAS	Cisco Certified Networking Assoc. (CCNA), CD	Robotics Technology, S.C.	Farrier Science Cert.	Secondary Education, English, AA
Visual and Performing Arts, AA		Diesel Technology, CD	Veterinary Assistant, A.A.S.	Electrical Apprentice Cert.	Secondary Ed., Social Studies, AA
Interdisc. Studies, AA		Emergency Med. Services Paramedic, Cert	Drafting Technology, S.C.	Business AAS	Secondary Education, Spanish, AA
American Indian		Health Info Tech,	Criminal Justice,	Early Childhood	Business Information

Studies, AA		Medical Claims Coding, Cert.	A.A.	Education AS	Systems, AAS
Interdisc. Studies: Theatre/Film, AA		Industrial Maintenance, CD	Advanced Welding, S.C.	Horticulture Science AS	Business Management, AAS
Technical Studies: Theatre/Film, AAS		Medical Office Essentials, CD	Outdoor Recreation Leadership, AAS	Industrial Operations Mgmt & Supervision Cert.	Medical Administrative Assistant, AAS
Geospatial Information Science & Tech, Cert I		Welding Tech, Advanced Pipe Welding, CD	Equine Riding and Training - Emphasis on Riding, Cert	Mine Management Cert.	Biological Sciences, General, AS
Geospatial Information Science & Tech, Cert II		Welding Technology, Combination Welding, CD	Equine Riding and Training - Emphasis on Training, AAS	Mine Safety & Technology Cert.	Biological Sciences, Organic, AS
Geospatial Information Science and Tech, AAS		Psychology, AS	Equine Riding and Training - Emphasis on Training, Cert	Exercise Science AS	Computer Science, AS
Medical Assistant, Cert I		Social Sciences, AA	Technical Studies, A.A.S.	Human Services AA	Engineering, Mechanical, AS
After-School and Youth Dev. Cert II		Computers /Business, AS	Nursing, ADN	Addictions Practitioner Cert.	Natural Resources, AS
Hotel and Restaurant Mgmt, Cert I		Education, Elementary Ed., AA	English Studies, A.A.	Human Services Cert.	Pre-Medical Sciences, AS
Nursing, ADN		History, Digital History, AA	Aeronautics, A.A.S.	Athletic Training AS	Secondary Education, Math, AS
Anthropology, AA		Music, Instrumental Education, AA	Criminal Justice, A.A.S.	HVAC Apprentice. Cert.	Secondary Ed., Physical Ed., AS
Equine Science, AS		Music, Instrumental Perf., AA	Criminal Justice, C.S.C.	Industrial Technology AAS	Secondary Ed., Science, AS
Equine Training, Cert II		Music, Vocal Education, AA	Medical Assistant, S.C.	Criminal Justice Security Cert	Emergency Medical Services, AAS
Science, AS		Music, Vocal Performance, AA	Conservation Law Enforcement AA	Nursing ADN	Application Software Specialist Cert.
Humanities, AA		Nursing, ADN		Agricultural Science Education AS	Directed Interdisc. Studies, AA
Comm., AA		Exercise Science, Sport Mgmt, AS		Medical Assistant Cert.	Directed Interdisc. Studies, AS
Comm., AAS		Exercise Science, Personal Trainer, CD		IT Support Technician Cert.	Emergency Medical Services Cert.
Expedition Science, AS		Entrepreneurship Business Plan, CD		Web Development AAS	Geographical Info. Systems Cert.
Film, AA		Agriculture - Agroecology Conc., AS		Engineering Technology Cert	Diesel Tech, Mining Industry Cert
EHS Environmental GIS Tech, AAS		Agriculture - Rangeland Ecology and Mgmt, AS		Computer Science AS	Machine Tool Technology, AAS
EHS-Environmental GIS Tech, CERT I		Theatre, AA			Machine Tool Technology Cert.
New Media, AAS		Speech-Language Pathology Assistant AAS			Business Info Systems, Digital Media, AAS
Health Science, AS		Technical Agriculture Ops, AAS			Social Media Cert.
STEM, AS		Exercise Science - Coaching, CD			Business Info Systems, Application Software Spec, AAS
Cosmetology Instructor, Cert II		Natural Science, Physics Concentration, AS			Computer Science Endorsement Preparation Cert.
Cosmetology, AAS		CIS, Datacenter Tech. Cert.			Powersports Technology, AAS
Esthetician, Cert I		Equine Training, CD			One Year Plant Operations Cert.
Hair Technician, Cert		Business, Acct.			Powersports

		Services, AAS			Technology Cert.
Nail Technician, Cert		Business, Financial Services, AAS			Music, AA
Music, AA		Business, Small Business Mgmt, AAS			Dance Entrepreneurship, AAS
Agriculture - Animal Sci. Option, AS		Business, Supply Chain Mgmt, AAS			Plant Operators, AAS
Agriculture - Range Mgmt Option, AS		Natural Science, Pre-Prof. Conc, AS			Theatre Education, AA
Outdoor Recreation, AS		Certificate: Business, Entrepreneurship			Natural Sciences, AA
Medical Office Support, Cert II		CIS, Systems Administrator, CD			Pre-Dental Hygiene Cert.
Electrical Apprentice, Cert II		HVAC/Refrig. Cert.			Electrical Engineering - AS
Agriculture - Meat Science & Food Tech Opt, AS		Electrical Technician, CD			Multidisc. Studies AA
EHS-Expedition Science, Cert		Industrial Systems Tech. Cert.			Multidisc. Studies AS
Equine Mgmt: Entrepreneur, AAS		Plumbing Technology, CD			
Equine Mgmt: Entrepreneur, Cert I		Communication & Creative Arts, AA			
Equine Mgmt: Teaching Riding Opt, Cert I		Human & Public Services, AA			
Equine Mgmt: Teaching Riding Option, AAS		Agriculture & Equine, AAS			
Equine Mgmt: Training Option, AAS		Trades & Technical Studies, AAS			
Equine Mgmt: Training Option, Cert I		Business & Accounting, AS			
Hotel and Restaurant Mgmt, Cert II		Health Sciences & Wellness, AS			
Leadership Studies, Cert II		Science, Tech Engineering, & Math Pathway, AS			
Org Mgt & Leadership: Tribal Leadership, BAS		Criminal Justice, AA			
Patient Care Technician, Cert II		Elementary/Early Childhood Education, AA			
Org Mgt & Leadership: Business & Entrep, BAS		Secondary Education, AA			
Meat Processing, Cert II		Biology, AS			
Casper College Programs					
Aviation, AAS	English, AA	Agri-Business, AS	Pre-Pharmacy, AS	Technical Theatre, AA	Retail Mgmt Cert.
Outdoor Recreation & Tourism, AS	General Studies, AA	Agriculture, AS	Pre-Veterinary, AS	Theatre Performance, AA	Criminal Justice, AAS
Software Support Specialist, AAS	History, AA	Biology, AS	Psychology, AS	Fine Art, AFA	Respiratory Therapy, AS
Automotive Technology, AAS	International Studies, AA	Chemistry, AS	Radiography, AS	Music Education, AFA	Musical Theatre Perf., AA
Construction Technology, AAS	Liberal Arts, AA	Economics, AS	Wildlife Management, AS	Photography, AFA	Art Education, AFA
Diesel Power, AAS	Music, AA	Engineering, AS	Occupational	Music Perf.	Environmental

			Therapy Asst. Cert.	(Instrumental) AFA	Science, AS
Fire Science Technology, AAS	Political Science, AA	General Studies, AS	Automotive Technology Cert.	Music Performance (Vocal), AFA	Computer Electronics Tech Cert.
Machine Tool Technology, AAS	Social Work, AA	Geology, AS	Diesel Power Technology Cert.	Pre-Physical Therapy, AS	Industrial Electronics Tech Cert.
Management, AAS	Sociology, AA	Mathematics, AS	Welding Cert.	Software Application Cert.	Forensic Science, AS
Welding, AAS	Womens' and Gender Studies, AA	Pharmacy Technology, AS	Pharmacy Technology Cert.	Mathematics - Secondary Education, AS	Geographic Information Systems, AS
Animal Science Technology, AAS	World Languages, AA	Physical Education, AS	Comm-Journalism, AA	Agri-Business, AAS	Geographic Information Systems Cert.
Retail Merch., AAS	Criminal Justice, AA	Physics, AS	Comm.-Multimedia, AA	Paralegal Cert.	Nutrition, AS
Anthropology, AAS	Paralegal Studies, AA	Pre-Dentistry, AS	Dance Performance, AA	Construction Management, AS	Manufacturing Technology, AAS
Art, AA	Accounting, AB	Pre-Medicine, AS	English (Teaching), AA	Construction Technology Cert.	Secondary Ed. Social Studies, AA
Early Childhood Education, AA	Business Admin. , AB	Pre-Occupational Therapy, AS	English *(Writing), AA	Fire Science Tech Cert.	Manufacturing Tech Cert.
Elementary Education, AA	Pre-Law, AB	Pre-Optometry, AS	Human Comm., AA	Machine Tool Technology Cert.	Medical Laboratory Tech, AS
Electronics Technology, AAS	Entrepreneur-ship, AAS	Renewable Energy Tech. Cert.	Wildlife & Fisheries Bio. & Mgt, AS	Cyber Security, AS	Auto Body Repair Tech, AS
Applied Statistics Cert.	Web Development, AAS	Architectural Graphics and Design Tech Cert.	Hospitality and Tourism Mgt, AAS	Health Sciences, AS	Auto Body Repair Technology Cert.
Statistics, AAS	Leadership & Org Management, AAS	Mechanical Graphics and Design Tech. Cert.	Computer Science-Bus Concentration, AS	Addiction Studies Cert.	Athletic Training, AS
Web Design, AAS	Paramedic Tech, AS	Practical Nursing Cert.	American Sign Language Studies	Addiction Studies, AS	Range Management, AS
Office Management, AAS	Gerontology Cert.	Assistive Technology Cert.	Coaching Cert.	Manufacturing & Automation Tech, AAS	Animal Science, AS
Marketing, AS	Women's and Gender Studies Cert.	Equine Assisted Therapy Cert.	Foundations of Inter-professional Health Care Cert.	Engineering Technology and Design Cert.	Phlebotomy Technician Training Cert.
Marketing Cert.	Technical Education AS	Computed Tomography Cert.	Personal Trainer Ed. Cert.	Comm.-Public Relations, AA	Museum/Gallery Studies, AA
Office Management Cert.	Nursing, ADN	Magnetic Resonance Imaging Cert.	Kinesiology and Health Promotion, AS	Bookkeeper Cert.	Graphic Design, AFA
Web Design Cert.	Electrical Apprentice Cert.	Cognitive Retraining Cert.	Cyber Security Cert.	Bookkeeper, AAS	Web Design and Dev. AS
Technical Studies, AAS	Engineering Tech and Design, AAS	AS Agriculture Comm.	Cyber Security, AAS	Community Emergency Med. Services Cert.	Web Design and Dev. Cert
Ranch and Agro Tourism Mgmt Cert.					