

3. Problem solving – Students’ ability to analyze a task, apply tools, execute a plan, and reflect on its effectiveness

Effective Communication

1. Written communication – Students’ ability to effectively communicate in writing
2. Verbal communication – Students’ ability to effectively communicate verbally when giving presentations

Collaboration

1. Students’ ability to foster teamwork, consider needs of partners, and work toward a specific goal as part of a team.

Human Culture

1. Cultural awareness – Students’ ability to distinguish the complexity of cultural elements important to members of a culture
2. Aesthetic analysis – Students’ ability to analyze objective and subjective characteristics of art, music, performance art, literature, architecture, mass media, humanities and other forms of artistic expression

Core Curriculum Requirements for the Associate Degree

The general education component and core curriculum are guided by Laramie County Community College’s student learning core abilities and are designed to be in alignment with Wyoming statutory requirements, Wyoming Community College Commission recommendations, and the accreditation criteria set forth by the Higher Learning Commission.

The specific courses listed below are designed to fulfill general education categories for associate degree programs and are taken in conjunction with the specific course requirements for each program of study and degree completion requirements. Individual programs of study require specific core courses from the list below, so students should contact their program advisors prior to registration to ensure the proper selection of courses for their desired majors. Students are advised that delays in graduation may result if they change their majors due to these specific course requirements. The General Education Procedure can be found at lccc.wy.edu/Documents/General-Education-Procedure.pdf

LCCC Competency-Based General Education Requirements		
Credits	LCCC General Education Core Requirements	Approved Courses
College Seminar (Required for AA, AS, AAS and Certificates of Completion)		
3	College Seminar (CS)	College Seminar (CS) Approved Courses: <ul style="list-style-type: none"> COLS 1000* Introduction to College Success: First Year Seminar (3 cr.) (see Page 37 for more information)
Communication: Written and Verbal (Required for AA, AS, AAS and Certificates of Completion)		
3	At least three credits from a course that satisfies the Written Communication (CW) competencies.	Written Communication (CW) Approved Courses: <ul style="list-style-type: none"> ENGL 1010 English I: Composition (3 cr.)
3	At least three credits from a course that satisfies the Verbal Communication (CV) competencies.	Verbal Communication (CV) Approved Courses: <ul style="list-style-type: none"> CO/M 2010 Public Speaking (3 cr.) CO/M 1015 Foundations of Communication (3 cr.) (for AAS and Certificate Programs only)

LCCC Competency-Based General Education Requirements

Credits	LCCC General Education Core Requirements	Approved Courses
Quantitative Reasoning (Required for AA, AS, AAS and Certificates of Completion)		
3	At least three credits from a course that satisfies the Quantitative Reasoning (QR) competencies	<p>Quantitative Reasoning (QR) Approved Courses:</p> <ul style="list-style-type: none"> • MATH 1000 Problem Solving (3 cr.) • MATH 1070 Quantitative Reasoning II (3 cr.) • MATH 1100 Numbers and Operations for Elementary Teachers (3 cr.) • MATH 1380 Integrated College Algebra Algebraway II (3 cr.) • MATH 1390 Integrated Pre-Calculus Stemway II (4 cr.) • MATH 1400 College Algebra (3 cr.) • MATH 1401 Pre-Calculus Algebra (3 cr.) • MATH 1405 Pre-Calculus Trigonometry (3 cr.) • MATH 1450 Pre-Calculus Algebra/Trigonometry (5 cr.) • MATH 1510 Technical Mathematics I (3 cr.) <i>(for AAS and Certificate Programs only)</i> • MATH 2200 Calculus I (4 cr.) • MATH 2205 Calculus II (4 cr.) • MATH 2210 Calculus III (4 cr.) • MATH 2350 Business Calculus I (4 cr.) • MATH 2355 Mathematical Applications for Business (4 cr.) • STAT 2060 Statistical Reasoning II (4 cr.) • STAT 2070 Introductory Statistics for the Social Sciences (4 cr.)
U.S. / Wyoming Constitution Statutory Requirement (Required for AA, AS and AAS)		
3	At least three credits from a course that satisfies the U.S./ Wyoming Constitution statutory requirement (WY)	<p>U.S./Wyoming Constitution statutory requirement (WY) Approved Courses:</p> <ul style="list-style-type: none"> • ECON 1200 Economics, Law, and Government (3 cr.) • HIST 1211 U.S. to 1865 (3 cr.) • HIST 1221 U.S. from 1865 (3 cr.) • HIST 1251 Wyoming History (3 cr.) • POLS 1000 American and Wyoming Government (3 cr.) • POLS 1100 <i>Wyoming Government (1 cr.) (Students who have earned credit for American Government or U.S. History from a regionally accredited institution outside of Wyoming or by Advanced Placement must complete POLS 1100 to satisfy the Wyoming Constitutional requirement.)</i>
Scientific Reasoning: Laboratory (LAB) Science (Required for AA and AS)		
3-4	At least three credits from a course that includes a laboratory (LAB) component and satisfies the Scientific Reasoning competencies	<p>Laboratory (LAB) Science Approved Courses:</p> <ul style="list-style-type: none"> • AECL 1000 Agroecology (4 cr.) • ANTH 1100 Introduction to Biological Anthropology (4 cr.) • ASTR 1050 Survey of Astronomy (4 cr.) • BIOL 1003 Current Issues in Biology (4 cr.) • BIOL 1010 General Biology (4 cr.) • CHEM 1000 Introductory Chemistry (4 cr.) • CHEM 1020 General Chemistry I (4 cr.) • GEOG 1010 Introduction to Physical Geography (4 cr.) • GEOL 1100 Physical Geology (4 cr.) • GEOL 1200 Historical Geology (4 cr.) • PHYS 1050 Concepts of Physics (4 cr.) • PHYS 1090 Fundamentals of the Physical Universe (4 cr.) • PHYS 1110 General Physics I (4 cr.) • PHYS 1310 College Physics I (4 cr.) • PHYS 1320 College Physics II (4 cr.)

LCCC Competency-Based General Education Requirements

LCCC Competency-Based General Education Requirements		
Credits	LCCC General Education Core Requirements	Approved Courses
Scientific Reasoning: Science, Technology, Engineering, & Mathematics (STEM) (Required for AA and AS)		
3	<p>STEM: At least three credits from a course that satisfies two of the three competencies listed; Quantitative Reasoning, Scientific Reasoning, Problem Solving (STEM)</p>	<p>STEM Approved Courses:</p> <ul style="list-style-type: none"> • ASTR 1050 Survey of Astronomy (4 cr.) • BIOL 1010 General Biology (4 cr.) • BIOL 2022 Animal Biology (4 cr.) • CHEM 1000 Introductory Chemistry (4 cr.) • CHEM 1020 General Chemistry I (4 cr.) • CHEM 1030 General Chemistry II (4 cr.) • CHEM 2300 Introduction to Organic Chemistry (4 cr.) • COSC 1200 Computer Information Systems (3 cr.) • GEOG 1040 Mobile Mapping with GPS (3 cr.) • GEOG 1050 Introduction to Environment and Natural Resources (3 cr.) • GEOG 1100 Introduction to Geographic Information Systems (3 cr.) • GEOG 1220 Introduction to Geospatial Technology (3 cr.) • GEOL 1035 Geology of Yellowstone National Park (3 cr.) • MATH 1000 Problem Solving (3 cr.) • MATH 1070 Quantitative Reasoning II (3 cr.) • MATH 1380 Integrated College Algebra Algebraway II (3 cr.) • MATH 1390 Integrated Pre-Calculus Stemway II (4 cr.) • MATH 1400 College Algebra (3 cr.) • MATH 1401 Pre-Calculus Algebra (3 cr.) • MATH 1450 Pre-Calculus Algebra/Trigonometry (5 cr.) • MATH 2120 Geometry and Measurement for Elementary School Teachers (3 cr.) • MATH 2200 Calculus I (4 cr.) • MATH 2350 Business Calculus I (4 cr.) • MATH 2355 Mathematical Applications for Business (4 cr.) • MICR 2240 Medical Microbiology (4 cr.) • MUSC 1023 Music and Sound Technology (3 cr.) • PHYS 1050 Concepts of Physics (4 cr.) • PHYS 1090 Fundamentals of the Physical Universe (4 cr.) • PHYS 1110 General Physics I (4 cr.) • PHYS 1120 General Physics II (4 cr.) • PHYS 1310 College Physics I (4 cr.) • PHYS 1320 College Physics II (4 cr.) • PSYC 2000 Research Psychological Methods (4 cr.) • STAT 2010 Statistical Concepts-Business (4 cr.) • STAT 2050 Fundamentals of Statistics (4 cr.) • STAT 2060 Statistical Reasoning II (4 cr.) • STAT 2070 Introductory Statistics for the Social Sciences (4 cr.) • ZOO 2010 Anatomy and Physiology I (4 cr.) • ZOO 2015 Human Anatomy (4 cr.) • ZOO 2020 Anatomy and Physiology II (4 cr.) • ZOO 2025 Human Physiology (4 cr.)

LCCC Competency-Based General Education Requirements

LCCC Competency-Based General Education Requirements		
Credits	LCCC General Education Core Requirements	Approved Courses
Human Culture: Cultural Awareness (CA) (Required for AA and AS)		
3	At least three credits from a course that satisfies the Cultural Awareness (CA) competencies.	<p>Cultural Awareness (CA) Approved Courses:</p> <ul style="list-style-type: none"> • AGEC 1010 Agriculture Economics I (3 cr.) • AMST 2010 Introduction to American Studies (3 cr.) • AMST 2110 Cultural Diversity in America (3 cr.) • ANTH 1200 Introduction to Cultural Anthropology (3 cr.) • ART 2010 Art History I (3 cr.) • ART 2020 Art History II (3 cr.) • CO/M 1030 Interpersonal Communication (3 cr.) • CO/M 2500 Intercultural Communication (3 cr.) • ECON 1000 Global Economic Issues (3 cr.) • ECON 1010 Principles of Macroeconomics (3 cr.) • EDST 2450 Human Life Span Development (3 cr.) • *FREN 1010 First Year French I (4cr.) • *FREN 1020 First Year French II (4 cr.) • GEOG 1000 World Regional Geography (3 cr.) • GEOG 1020 Human Geography (3 cr.) • HIST 1110 Western Civilization I (3 cr.) • HIST 1120 Western Civilization II (3 cr.) • HIST 1211 U.S. to 1865 (3 cr.) • HIST 1221 U.S. from 1865 (3 cr.) • HIST 1251 Wyoming History (3 cr.) • HIST 1290 History of the U.S. West (3 cr.) • HIST 2000 American Revolution (3 cr.) • HIST 2020 U.S. Military History (3 cr.) • HIST 2080/RELI 2080 Holocaust (3 cr.) • HIST 2130 Ancient Rome (3 cr.) • HIST 2225/RELI 2225 History of Christianity (3 cr.) • HIST 2290 History of North American Indians (3 cr.) • HIST 2320/RELI 2320 History of Islam (3 cr.) • HIST/WMST 2389 History of Women and the American West (3 cr.) • HSEC 1000 Homeland Security: A Global Impact (3 cr.) • HSEC 2025 Terrorism (3 cr.) • HUMN 1010 Introductory Humanities I (3 cr.) • HUMN 1020 Introductory Humanities II (3 cr.) • HUMN 1080/SOC 1080 Introduction to Women's Studies (3 cr.) • MMMM 1000 Introduction to Mass Media (3 cr.) • MUSC 1000 Introduction to Music (3 cr.) • MUSC 2024 World Music (3 cr.) • MUSC 2050 Music History Survey I (3 cr.) • MUSC 2055 Music History Survey II (3 cr.) • PHIL 1000 Introduction to Philosophy (3 cr.) • PHIL 2221 Logic (3 cr.) • PHIL 2301 Ethics (3 cr.) • PHIL 2311 Introduction to Religion (3 cr.) • POLS 1200 Non-Western Political Cultures (3 cr.) • PSYC 1000 General Psychology (3 cr.) • RELI 2225/HIST 2225 History of Christianity (3 cr.) • RELI 2080/HIST 2080 Holocaust (3 cr.) • RELI 2320/HIST 2320 History of Islam (3 cr.) • SOC 1000 Sociological Principles (3 cr.) • SOC 1080/HUMN 1080 Introduction to Women's Studies (3 cr.) • *SPAN 1010 First Year Spanish I (4 cr.) • *SPAN 1020 First Year Spanish II (4 cr.) • WMST/HIST 2389 History of Women and the American West (3 cr.)

* World-language courses not listed may meet the Cultural Awareness General Education requirement per course substitution policy. Please see your Advisor for additional information.

LCCC Competency-Based General Education Requirements

Credits	LCCC General Education Core Requirements	Approved Courses
Human Culture: Aesthetic Analysis (AA) (Required for AA and AS)		
3	At least three credits from a course that satisfies the Aesthetic Analysis (AA) competencies.	<p>Aesthetic Analysis (AA) Approved Courses:</p> <ul style="list-style-type: none"> • ART 1000. General Art (3 cr.) • ART 1010. General Art: History (3 cr.) • ART 1050. Beginning Drawing (3 cr.) • ART 1110. Foundation: Two Dimensional (3 cr.) • ART 2010. Art History I (3 cr.) • ART 2020. Art History II (3 cr.) • ART 2410. Ceramics I (3 cr.) • ENGL 2020 Introduction to Literature (3 cr.) • ENGL 2040 Creative Writing (3 cr.) • ENGL 2330 Contemporary and Multicultural Literature (3 cr.) • ENGL 2420 Literary Genres (3 cr.) • HUMN 1010 Introductory Humanities I (3 cr.) • HUMN 1020 Introductory Humanities II (3 cr.) • MMMM 2400 Introduction to Photography (3 cr.) • MUSC 1000. Introduction to Music (3 cr.) • MUSC 2024. World Music (3 cr.) • MUSC 2050. Music History Survey I (3 cr.) • MUSC 2055. Music History Survey II (3 cr.) • THEA 1000 Introduction to Theatre (3 cr.) • THEA 1100 Beginning Acting (3 cr.) • THEA 2000 Theatre Production (3 cr.) • THEA 2010 Backgrounds of Drama I (3 cr.) • THEA 2020 Backgrounds of Drama II (3 cr.) • THEA 2100 Acting II (3 cr.) • THEA 2160 Introduction to Stage Makeup (3 cr.)
28-29 TOTAL CREDITS		

***COLS 1000 – Introduction to College Success Exemption**

Students learn academic success skills, explore life and career goals, develop a support system to connect to campus, and prepare for responsible lives in a dynamic and interdependent world in the COLS 1000 course. LCCC recognizes that students may have already achieved the learning outcomes and competencies of COLS 1000 through prior learning. Students may request an exemption from COLS 1000 if they meet one of the following requirements:

- Student has completed a credit-bearing Credit Diploma, Credit Certificate, Certificate of Completion, AAS, AA, AS, or higher degree from a regionally accredited institution.
- Student has successfully completed a minimum of 15 college-level credits, which must include college-level English and college-level math, with a GPA of 2.5 or higher at a regionally accredited institution at the time of admission or readmission.
- Student has successfully completed a minimum of 24 college-level institutional credits with a GPA of 2.5 or higher at the time the student submits a formal change of program.
- Student has transferred a minimum of 15 military credits (Joint Services Transcript).

The COLS 1000 Exemption Form should be completed by the student and his/her academic advisor, and submitted to the Student Hub for review and final approval from the Office of the Registrar.