

ESSENTIAL STUDIES 2012-13 ADDENDUM

The Essential Studies 2012-13 and Program Changes 2012-13 Addenda (to the 2011-13 Undergraduate CSC Catalog) apply to new CSC students (freshmen and transfers with *fewer* than 12 earned credit hours) entering the fall 2012 semester. These students will need to obtain

- 120 earned credits to earn a CSC Degree;
- 42 earned credit hours within the new Essential Studies (ES) Program;
- 40 earned credit hours Upper Division overall to obtain a CSC degree.

[CSC Students in 2011-13 or earlier catalogs will need 125 credits to obtain a CSC degree, 47 credit hours in the General Education program, and 45 credit hours of Upper Division overall to obtain a CSC degree.]

The Essential Studies 2012-13 Addendum **ONLY** applies to entering freshmen and transfer students with *fewer* than 12 earned credit hours. [This addendum is not applicable to current students or transfer students with 12+ earned credit hours.] The Essential Studies Program replaces the General Studies program delineated in the 2011-13 Undergraduate Catalog. For further information, entering freshmen and transfer students with *fewer* than 12 earned credit hours should contact a START advisor or academic advisor in Crites Hall 1st floor, 308-432-6060 or start@csc.edu.

Chadron State College

Essential Studies Program

CONTENTS

Philosophy of Essential Studies	2
Institutional Focus Areas and Student Learning Outcomes.....	2
Essential Studies Structural Criteria	2
College Placement Tests & Score Requisites	2
First Year Inquiry (FYI) (6 credit hours).....	3
Skills	3
Modes of Inquiry	6
Personal and Social Responsibility	7
Capstone Integration (6 credit hours)	9

PHILOSOPHY OF ESSENTIAL STUDIES

Students are members of a broader society dependent on their meaningful contributions for its success. Chadron State College embraces this vision, recognizing the need to serve the region within the context of an increasingly global and more complex world in need of creative solutions to a never ending supply of challenges and opportunities. The Essential Studies Program at Chadron State provides an integrated, coherent learning experience to prepare students for a life of responsible inquiry.

INSTITUTIONAL FOCUS AREAS AND STUDENT LEARNING OUTCOMES

Essential Studies Structural Criteria

- A.** All first year students will take 6 hours of interdisciplinary, issue- or theme-based First Year Inquiry (FYI) to orient them to the Essential Studies Program, critical inquiry, and creative problem solving. This experience may be a single 6-hour course, two 3-hour courses, or other combinations of credit hours offered in a variety of formats and academic terms.
- B.** Students are required to complete three credit hours to satisfy each outcome in the Skills, Modes of Inquiry and Personal and Social Responsibility areas (2-11).
- C.** Student Learning Outcome 12 will be met in a team-taught 6-hour Capstone course with an interdisciplinary theme.
- D.** Some essential studies courses may be team-taught 6-hour interdisciplinary courses approved to address two Essential Studies Student Learning Outcomes 2-11.
- E.** A single 3-hour essential studies course may be approved to address a maximum of one Essential Studies Outcome.

College Placement Tests & Score Requisites

Students who score below 19 on the ACT English and Reading tests (or concordant tests as approved by the English & Humanities Department) must pass the Transitional Studies course(s) to enroll in any English & Humanities Department Essential Studies courses (ENG, HUM, PHIL) except for PHIL 333 Symbolic Logic.

Transfer students who do not submit transfer credit for composition must either submit ACT English & Reading scores (or concordant test scores as approved by the English & Humanities Department) or pass the Transitional Studies course(s) before enrolling in any English & Humanities Department Essential Studies courses. Placement testing is available in Crites Hall by appointment: (308) 432-6060. Consult the Advising Center in Crites Hall or the English & Humanities Department for more information.

First Year Inquiry (FYI) (6 credit hours)

1. Students will describe and practice skills involved in Critical Inquiry and Creative Problem Solving through interdisciplinary, collaborative engagement of a specific issue or theme.

Students have the curiosity and intellectual capacity to engage in critical inquiry of issues or themes and to seek creative ways of addressing those issues or themes. These courses provide the opportunity for students to identify and practice skills involved in asking questions and seeking informed answers in academic and professional settings. This happens in an environment where students learn by actively participating. These courses emphasize the integrated use of problem-solving tools from diverse perspectives.

FYI	169 A	Health Care I: A Choice or a Right, 3 hrs.
FYI	169 B	Enemy Mine: The Extreme Other, 6 hrs.
FYI	169 C	The Nation and the Globe, 6 hrs
FYI	169 D	Wizards & Vampires in Film, TV, & Literature, 6 hrs.
FYI	169 E	Environmental Policy: Beyond the Sound Bites, 6 hrs.
FYI	169 F	A Pox on You: The Biological, Legal, and Social Consequences of Infectious Diseases, 6 hrs.
FYI	169 G	Do You See What I See: The Science of Art and the Art of Science, 6 hrs.
FYI	169 H	Mathletics: Not for Spectators, 6 hrs.
FYI	169 I	We are What We Eat, 3 hrs.
FYI	169 J	The Hidden Life of Everyday Things, 3 hrs.
FYI	169 K	A Better You through financial and physical health, 6 hrs.
FYI	169 M	Improving Your Influence, 6 hrs. (fulfills COLG 191 requirement)
FYI	169 N	What Virtues Define the Warrior Spirit?, 6 hrs.
FYI	169 O	10,000 B.C., Great Plains, North America, 6 hrs.
FYI	169 P	Making Cents of Petroleum, 6 hrs.
FYI	169 Q	Private Parts: The Psychological, Socio-cultural & Biological Aspects of Human Sexuality, 6 hrs.
FYI	169 R	Health Care II: A Choice or a Right, 3 hrs.
FYI	169 S	Without the Arts, You're Only Half a Brain, Part 1, 3 hrs.
FYI	169 T	Without the Arts, You're Only Half a Brain, Part 2, 3 hrs.
FYI	169 U	Study of Natural Disasters (8 weeks), 3 hrs.
FYI	169 V	Nutrition, Weight Loss and Wellness, 3 hrs.
FYI	169 W	Literature & Practice of World Religions, 6 hrs.
FYI	169 X	Survival Skills 101, 3 hrs.

Skills

Students will develop intellectual and practical skills, including proficiency in written, oral, and visual communication; inquiry techniques; critical and creative thinking; quantitative techniques and applications; information acquisition and assessment; teamwork; and problem-solving.

2. Students will use writing as a tool for learning and thinking, and will compose texts that address diverse writing situations purposefully, making appropriate use of evidence and conventions, including Standard Edited English. (3 credit hours)

Writing is a powerful tool for participating in academic, professional, and civic discourse. People use writing to understand, to learn, to create, to express, and more. Writers need opportunities to explore diverse strategies for finding questions, developing ideas, managing information, and composing various types of texts. They also need opportunities to address varying authentic rhetorical situations and to receive feedback and guidance in their efforts to do so. This includes guidance in the purposeful and reasonable use of credible outside sources. It also includes guidance in addressing conventions of text, style, and grammar.

3. Students will demonstrate communication competence in two or more of the following ways: (a) by making oral presentations with supporting materials, (b) by leading and participating in problem-solving teams, (c) by employing a repertoire of communication skills for developing and maintaining professional and personal relationships, or (d) by employing listening skills. (3 credit hours)

“As a ubiquitous and an invaluable element of the human experience, communication is critical to helping individuals expand their perspectives and strengthen their relationships. Communication skills are, in fact, life skills. Communication is the common denominator of human experience. As such, educational institutions should foster a mature understanding of the complexity of communication and teach students the communication skills fundamental to achieving a meaningful and successful life...” (National Communication Association, Communication in the General Education Curriculum, A Critical Necessity for the 21st Century, 2003) Communication is a critical component of solving problems and adding meaning to personal, professional, and civic lives. This includes understanding the purpose of communication, designing messages for a variety of audiences, understanding communication contexts, and the importance of critical listening.

B A 331 Business Communications, 3 hrs.

C A 225 Comm in Groups & Teams, 3 hrs.

C A 125 Fundamentals of Oral Comm, 3 hrs.

C A 230 Conflict Resolution and Mediation, 3 hrs.

CA 130 Interpersonal Comm, 3 hrs.

C A 233 Presentation Speaking, 3 hrs.

4. Students will demonstrate the application of mathematical terminology, expressions, and logical reasoning abilities to model, draw inferences, and to mathematically solve problems within our world. (3 credit hours)

Mathematics is a skill used throughout the world in many fields, including education, business, and the sciences. This includes the use of quantitative, inferential, and logical reasoning to support the imaginative and critical exploration of complex human problems. Mathematics involves the practical use of reasoning skills to solve problems on a daily basis. It also serves as a means of communication through the use of appropriate mathematical terminology.

The following matrix is designed to aid the student in enrolling in the appropriate Mathematics course. If a student’s ACT Math test score is 1-18, the student *must* take the ASSET test for proper advising. If the ACT Math test score is 19 or higher, the student should be advised to take a Mathematics course based upon the following matrix:

ACT Math Score

Recommended Math Course

1-15

*ACFS-007M Basic Math

16-18

*MATH 016 Introductory or Intermediate Algebra

16-18

*MATH 100 Pre-college Algebra

>18

MATH 142 College Algebra or value added

*Developmental course: Does not meet Essential Studies requirement.

High School Background

Placement for Mathematic Courses

No Algebra

MATH 133 Intro to Mathematics, 3 hrs.

1 Year Algebra

MATH 132 Applied Mathematics, 3 hrs. (if Elementary Education Major)

MATH 137 Math Topics for Elem Teachers, 3 hrs. (if Elementary Education Major)

MATH 232 Applied Statistics, 3 hrs.

1 Year Algebra and 1 Year Geometry	MATH 142	College Algebra, 4 hrs.
2 Years Algebra	MATH 138 MATH 142 MATH 232	Applied Calculus, 3 hrs. College Algebra, 4 hrs. Applied Statistics, 3 hrs.
2 Years Algebra and 1 Year Geometry	MATH 134 MATH 135	Plane Trigonometry, 3 hrs. Pre-Calculus Mathematics, 3 hrs.
4 Years Math including Trigonometry	MATH 138 MATH 232 PHIL 333	Applied Calculus, 3 hrs. Applied Statistics, 3 hrs. Symbolic Logic, 3 hrs.

5. Students will practice one or more creative art forms, such as music, theater, creative writing, visual art, and the design arts. (3 credit hours)

In the arts, students explore the meaning of aesthetics and actively examine the nature of art. Students engage in a personal journey of inspiration, through the mechanics of artistic creation, to production of a finished work. Artistic critique then involves communication about the discovery process and learning from the experiences of others. This practice of the arts cultivates the skills “to observe acutely, to think spatially and kinesthetically, to identify the essential components of a complex whole, to recognize and invent patterns, to gain empathy with the objects of study and to synthesize and communicate the results of one’s thinking visually, verbally, or mathematically.” (From For the Sake of Science, The Arts Deserve Support by Robert S. Root Bernstein, The Chronicle of Higher Education, July 11, 1997) While the creative process drives discovery in many human endeavors, nowhere is this discovery made more tangible than in the practice of the arts. The arts are essential in teaching students how to think, invent, and create.

Art 223 Intro to Photography, 3 hrs.	MUS 125 Men’s Vocal Ensemble, 1 hr.
Art 227 Sculpture I, 3 hrs.	MUS 216 Guitar Class, 1 hr.
Art 228 Ceramics I, 3 hrs.	MUS 230 Voice Class for Non-majors, 1 hr.
Art 229 Intro to Graphic Design, 3 hrs.	MUS 269 Drumming, 1 hr.
Art 321a Glass I (a glass blowing) , 3 hrs.	MUS 302 Wind Symphony, 1 hr.
Art 343 Digital Photography, 3 hrs.	MUS 303 Concert Choir, 1 hr.
ENG 249A Creative Writing: Non-Fiction Prose, 3 hrs.	MUS 304 Vocal Jazz Ensemble, 1 hr.
ENG 249B Creative Writing : Fiction, 3 hrs.	MUS 305 Jazz Band, 1 hr.
ENC 249C Creative Writing: Poetry, 3 hrs.	MUS 308 Brass Ensemble, 1 hr.
MUS 016 Chadron State Community Chorus, 1 hr.	MUS 324 Women’s Vocal Ensemble, 1 hr.
MUS 018 Chadron State Community Symphonic Band, 1 hr.	MUS 325 Men’s Vocal Ensemble, 1 hr.
MUS 102 Wind Symphony, 1 hr.	TH 134 Principles of Acting, 3 hrs.
MUS 103 Concert Choir, 1 hr.	TH 234 Audition Techniques & Practices, 2 hrs.
MUS 104 Vocal Jazz Ensemble, 1 hr.	TH 237 Beginning Directing, 3 hrs.
MUS 105 Jazz Band, 1 hr.	TH 243 & 243L Intro to Set/Light Design & Lab, 3 hrs.
MUS 108 Brass Ensemble, 1 hr.	TH 327 Fundamentals of Voice & Movement, 3 hrs.
MUS 116 Class Piano Foundations I, 1 hr.	TH 435 Special Topics in Theatre Stage Combat, 3 hrs.
MUS 117 Class Piano Foundations II, 1 hr.	TH 435 Special Topics in Theatre Scene Painting, 3 hrs.
MUS 118 Class Piano Foundations III, 1 hr.	TH 435 Special Topics in Theatre Acting for the Camera, 3 hrs.
MUS 124 Women’s Vocal Ensemble, 1 hr.	

Modes of Inquiry

Students will build understanding of the human condition within its social and natural contexts.

6. Students will employ scientific methodology to analyze and explain how the natural world functions and how humans interact with it. (3 credit hours)

Scientifically literate citizens possess the ability to formulate a logical hypothesis based on data, to process data, and apply and refine hypotheses. Understanding the discoveries of science and methods by which those discoveries are made also gives us perspectives into human history because advances in science and technology are at the heart of social change. Understanding the interactions that take place among physical systems, living systems, and technology will help build an appreciation for and development of problem solving skills, critical thinking skills, social consciousness, and leadership skills.

Biology

For All Students

BIOL 121/121L	Human Biology and Lab, 3 hrs.
BIOL 136/136L	Biological Science and Lab, 3 hrs.
BIOL 138/138L	General Botany and Lab, 3 hrs.
BIOL 331	Human Sexuality, 3 hrs.
BIOL 337	Environmental Management, 3 hrs.
BIOL 431/431L	Ethnobotany and Lab, 3 hrs.

For Science Majors

BIOL 225	Cellular Biology, 3 hrs.
BIOL 139/139L	General Zoology and Lab, 3 hrs.

Physical Science

For All Students

CHEM 121	Fundamental Chemistry, 3 hrs.
CHEM 140/140L	General Chemistry and Lab, 4 hrs.
GEOS 130	Earth Science, 3 hrs.
GEOS 137	Environmental Geology, 3 hrs.
GEOS 230	Natural Hazards & Disasters, 3 hrs.
PHYS 135	Physical Science, 3 hrs.
PHYS 151/151L	College Physics I and Lab, 5 hrs.
PHYS 330	Phys Sci for the Elem & Middle Grades Teach, 3 hrs.
PHYS 333/333L	Astronomy and Lab, 3 hrs.
PHYS 334	Meteorology, 3 hrs.

For Science Majors

CHEM 131/131L	College Chemistry I and Lab, 4 hrs.
GEOS 231/231L	Physical Geology and Lab, 4 hrs.
GEOS 234/234L	History of the Earth System and Lab, 4 hrs.
PHYS 241/241L	University Physics and Lab, 5 hrs.

7. Students will examine the human condition through the different modes of inquiry as illustrated in the visual and performing arts, literature, philosophy, or religion. (3 credit hours)

The humanities focus on the study of value in human life. They explore the way that human beings create and share meaning as individuals, communities, cultures, and across cultures through time. Through humanistic study, students are expected to learn how different methods of inquiry can be used to convey perspectives on the human condition. Students will also learn to apply the humanistic perspective to values, experiences, and meanings in their own lives.

ART	239	Elements of Art, 3 hrs.	ENG	341	Literature of the Great Plains, 3 hrs.
B A	431	Professional Ethics, 3 hrs.	ENG	342	Literature Across Borders, 3 hrs.
ENG	233	Elements of Literature, 3 hrs.	ENG	343	Literature & Philosophy, 3 hrs.
ENG	340	Contemporary Literature, 3 hrs.	ENG	344	Literature & the Environment, 3 hrs.

ENG 345	Gender and Literature, 3 hrs.	HUM 302	Film & Philosophy, 3 hrs.
ENG 435	Native American Literature, 3 hrs.	HUM 303	Modernism & Manifestos, 3 hrs.
ENG 441	English and American Novel, 3 hrs.	MUS 235	Elements of Music, 3 hrs.
HIST 233	Western Civilization I, 3 hrs.	PHIL 231	Introduction to Philosophy, 3 hrs
HUM 231	Humanistic Perspectives, 3 hrs.	PHIL 432	Ethics, 3 hrs.
HUM 232	The Humanistic Tradition I, 3 hrs.	PHIL 433	Biomedical Ethics, 3 hrs.
HUM 233	The Humanistic Tradition II, 3 hrs.	PHIL 435	Environmental Ethics, 3 hrs
HUM 234	The Humanistic Tradition III, 3 hrs.	PS 431	History of Political Thought, 3 hrs
HUM 235	The Humanistic Tradition IV, 3 hrs.	TH 235	Elements of Theatre, 3 hrs.
HUM 301	Beat Culture: Film, Phil., Lit. 3hrs		

8. Students will study human behavior and social interactions integrating knowledge, theories, methods, or historical perspectives appropriate to the social sciences. (3 credit hours)

The social sciences explore patterns of human behavior and social organization across time and space in order to better understand the human condition in all its dimensions. These dimensions include the communicative, cultural, social, economic, psychological, and political aspects of human behavior. Spatially, these dimensions are studied across groups, communities, countries, and civilizations, often identified with geographical boundaries. Temporally, these same dimensions of human activity are studied from "primitive" societies to "post-modern" ones.

HIST 231	U.S. History to 1877, 3 hrs.	MATH 236	History of Math, 3 hrs.
HIST 232	U.S. History since 1877, 3 hrs.	P S 231	American National Government, 3 hrs.
HIST 234	Western Civilization II, 3 hrs.	P S 341	Comparative Politics, 3 hrs.

Personal and Social Responsibility

Students will demonstrate individual and social responsibility through the critical examination of wellness; study of ethical principles and reasoning; application of civic knowledge; interaction with diverse cultures; and engagement with global issues.

9. Students will prepare for civic involvement by exploring theories and principles of ethics and citizenship and by engaging in local, national, or global civic affairs. (3 credit hours)

A college education prepares students for their roles as citizens. Courses meeting this outcome focus specifically on this goal. In doing so, students learn and apply different perspectives of ethical behavior, focusing on their roles as members of various local, national, and global communities. Students also learn about civic participation and begin to participate in their responsibilities and opportunities as citizens. Ideally these outcomes are best met through experiential learning.

FCS 427	Worksite Wellness, 3 hrs
HIST 369	Subject and Citizen, 3 hrs.
MSL 101/101L	Leadership & Personal Development & Lab, 3 hrs
PS 369	Civic Engagement: Theory and Practice, 3 hrs

10. Students will demonstrate knowledge of human diversity and differentiate its various forms such as economic, cultural, social, or political, both locally and globally. (3 credit hours)

Humans seek well-being, self-expression and identity in multiple ways through differing customs, cultural artifacts, and practices. These patterns of behavior are identified with different forms of belonging, which are associated with various types of economic, political, cultural, and social

groupings and patterns of interaction. It is important to understand the scope of diversity, and also the potential for conflict and cooperation that are inherent among and between diverse groups. Ideally these outcomes are best met through experiential learning.

AGRI	431	International Food Policy, 3 hrs.
ANTH	231	Intro to Cultural Anthropology, 3 hrs.
BIOL	448/448L	Ethnob. of the N. Plains & Lab, 4 hrs.
C A	346	Intercultural Communication, 3 hrs.
C A	442	Globalization, Culture and Media, 3 hrs.
C J	446	Cross Cultural Studies/Justice Stu., 3 hr.
ECON	130	Survey of Economics, 3 hrs.
ENG	300	The Graphic Novel: Studies in Diversity and Difference, 3 hrs.
ENG	346	Literature of the Bible, 3 hrs.
ENG	436	World Literature, 3 hrs.
FIN	239	Personal Finance, 3 hrs.
FIN	333	International Finance & Economics, 3 hrs.
FCS	320	Aging and Death, 3 hrs.
FCS	335	Families in Society, 3 hrs.
FCS	436	Global Food Systems, 3 hrs.
HIST	370	The Post-Colonial Condition, 3 hrs.
HUM	335	Comparative Religion, 3 hrs.
HUM	432	World Mythology, 3 hrs.
L S	323	Law and the American Society, 3 hrs.
MUS	330	African-American Popular Music, 3 hrs.
P S	332	International Politics, 3 hrs.
PHIL	235	Classical Chinese Philosophy, 3 hrs.
PHYS	435	World Environmental Issues, 3 hrs.
PSYC	421	Culture and Psychology, 3 hrs.
SOC	230	Society: Global Comparison, 3 hrs.
SW	371	International Social Welfare, 3 hrs.
WLANG	100	Conversational Spanish, 3 hrs.

- 11.** Students will discuss current health issues and incorporate wellness practices that lead to positive personal changes in health and wellness lifestyle. (3 credit hours)

Wellness is an active process which impacts the health and well-being of individuals, communities, and nations. The interrelationships of individual health and societal consequences are immense – from obesity epidemics to job performance to health care costs. Personal responsibility in wellness involves self-assessment of lifestyle behaviors and the application of knowledge and practices leading to positive change. In these courses the six dimensions of health (physical, emotional, social, spiritual, intellectual, and occupational) provide a framework for analyzing personal wellness, and incorporating wellness choices into daily lives. Positive life choices enhance individual and social responsibility.

FCS	247	Nutrition, 3 hrs.	HPER	120	Outdoor Activity, 3 hrs.
FCS	417	Lifespan Wellness, 3 hrs.	HPER	209	Advanced Fitness Activities, 3 hrs.
HPER	100, 103, 112,	(each 1 credit hour)	HPER	207	Team Sport Activities, 3 hrs.
HPER	107	Individual Sport Activities, 3 hrs.	HPER	223	Aquatic and Water Safety, 3 hrs.
HPER	108	Fitness Activities, 3 hrs.	HPER	233	Health/Wellness, 3 hrs.
HPER	111	Social Dance, 3 hrs.	MSL	109	Military Fitness, 3 hrs.

Capstone Integration (6 credit hours)

Students will integrate essential studies skills, knowledge and abilities, adapting them to new settings, questions, and responsibilities.

12. Students will produce a creative or scholarly work requiring broad knowledge, appropriate technical proficiency, information collection, interpretation, synthesis, presentation, and reflection that grows out of interdisciplinary, collaborative engagement of a specific issue or theme.

Central to the Essential Studies Program is the development of students' abilities to employ diverse skills and perspectives for engaging in critical inquiry and creative problem solving across disciplinary lines. In interdisciplinary courses, students will refine these abilities by creating a product that demonstrates collaborative investigation of an issue or theme.

Courses numbered 469