

Critical Capacities Skills

Critical Capacities and Skills (CCS) requires a student to demonstrate the capacity to think critically, write, collaborate, communicate, solve problems, and to deploy skills related to information and quantitative literacy.

- CCS1 Problem Solving
- CCS2 Information Literacy
- CCS3 Critical Reading
- CCS4 Quantitative Literacy
- CCS5 Oral/Written Communications
- CCS6 Collaboration

CCS1 - Problem Solving

Problem solving requires students to demonstrate the ability to raise vital questions and problems, formulating them clearly and precisely.

Students will demonstrate: 1. the ability to state a problem/question; 2. the ability to determine solutions associated with the problem/question; 3. the ability to evaluate evidence associated with the solutions; and 4. the ability to select and defend the best solution for the problem/question.

BIOL 202	Introductory Microbiology	4
BIOL 482	Neurobiology	4
BIT 220	Management Information Systems	3
BIT 453	Systems Analysis	3
BOTE 247	Spreadsheet Applications	3
CHEM 110 or CHEM 110H	Survey of Chemistry Honors Survey of Chemistry	4
CHEM 121 or CHEM 121H	General Chemistry I Honors General Chemistry I	5
CHEM 481	Biochemistry I	3
CJ 345	Policy Issues in Criminal Justice	3
CJ 401	Administration of Criminal Justice Systems	3
COMM 218	Public Relations Principles	3
CSCI 111	Introductory Programming and Big Data	4
CSCI 160	Computer Science I	4
ECON 202	Principles of Macroeconomics	3
ED 260 or ED 260H	Educational Psychology Educational Psychology	2
ENGL 270	Foundations in Literary Analysis	3
ESR 206	Medical Conditions	3
GEOG 262	North America	3
GEOG 289	Introduction to GIS	3
GEOL 101	Environmental Geology with Lab	4
GEOL 105	Physical Geology with Lab	4
HIST 401	Historiography	3
HIST 436	Piracy, Smuggling, and Corruption	3
HIST 440	Comparative Slavery in the Americas	3
HON 250H	Foundations of Leadership	3
KIN 225	Fitness Leadership	2
KIN 310	Organization and Administration of PE and Athletics	2
LANG 102	The Structure of Language	3
LEAD 101	Introduction to Leadership	3
LAT 101	Beginning Latin I	3
MATH 205	Math Proof and Problem Solving	3
MUSC 207	History of Pop and Rock Music	3
NURS 255	Nursing Foundations	5
NURS 493	Professional Nursing III	3

PHYS 211	College Physics I	4
PHYS 251	University Physics I	5
PHYS 252	University Physics II	5
POLS 275	Contemporary Community Issues	3
PSY 241	Introduction to Statistics	4
PSY 242	Research Methods in Psychology	4
PSY 252	Child Psychology	3
PSY 460	Sensation and Perception	3
SCI 110	Introduction to Meteorology	4
SOC 255	Diversity in Families	3
SOC 275	Contemporary Community Issues	3
SPAN 120	Basic Spanish for Travel and Business	3
SPED 255	Aging and IDD	2
SWK 335	Social Work Methods I	3
THEA 385	Directing	3

CCS2 - Information Literacy

Information literacy requires students to demonstrate the ability to locate, evaluate, select, and assess relevant information, use abstract ideas to interpret information effectively, and come to well-reasoned conclusions and solutions.

Students will demonstrate: 1. the ability to determine the nature and extent of information needed; 2. the ability to access needed information effectively and efficiently; 3. the capacity to evaluate information and its sources critically; 4. individually, or as a member of a group, the ability to use information effectively in order to accomplish a planned objective; and 5. the ethical and legal use of information.

ART 211	Art History: Renaissance to Contemporary	3
ART 420	Advanced Study in Art History	1-6
BIOL 111	Concepts of Biology	4
BIOL 111H	Honors Concepts of Biology	4
CJ 201	Introduction to Criminal Justice	3
CJ 348	Legal and Ethical Issues in Criminal Justice	3
COMM 412	Communication Law and Ethics	3
CSCI 370	Computer Organization	4
CSD 412	Neurology for Communication Disorders	2
ENGL 120	College Composition II	3
or ENGL 121H	Honors Composition II	
ENGL 491	Senior Seminar	3
GERM 220	German Film	3
HIST 103	US History to 1877	3
HIST 104	US History from 1877	3
HIST 105	World Civilizations I	3
HIST 106	World Civilizations II	3
HIST 215H	Modern World Origins	3
HIST 280	Practice and Method	3
HIST 319	Colonial America	3
HIST 320	The Early Republic	3
HIST 325	Sectionalism and the Civil War	3
HIST 410	Trans-Mississippi West	3
HIST 436	Piracy, Smuggling, and Corruption	3
KIN 334	Nutrition for Physical Performance	2
POLS 116	State and Local Government	3
PSY 112	Foundations of Psychology	3
PSY 375	History and Systems of Psychology	3
SCI 240	Research Methods	2
SOC 375	Social Movements	3

CCS3 - Critical Reading

Critical reading requires students to demonstrate the ability to think open-mindedly within alternative systems of thought, recognizing and assessing their assumptions, implications, and practical consequences.

ACCT 332	Business Law II	3
ACCT 480	Controllership	3
ART 210	Art History: Prehistoric through Middle Ages	3
ART 211	Art History: Renaissance to Contemporary	3
ART 310	Art History: Modernism and Postmodernism	3
ATR 207	Prevention and Care of Injuries	2
BADM 269	Professional Ethics	3
BIOL 347	General Ecology	4
CJ 300	Policing	3
COMM 219	Mass Media and Society	3
COMM 412	Communication Law and Ethics	3
CSCI 370	Computer Organization	4
ED 250	Foundations of Education	2
ED 250H	Foundations of Education	2
ED 282	Managing the Learning Environment	2
ENGL 251	Foundations in Brit Lit I	3
ENGL 252	Foundations in Brit Lit II	3
ENGL 261	Foundations in Am Lit I	3
ENGL 262	Foundations in Am Lit II	3
ENGL 355	Age of Shakespeare	3
GEOG 266	Latin America and the Caribbean	3
GEOG 267	Geography of Europe	3
GEOG 370	Geography of World Tourism	3
GEOG 380	Cultural Geography	3
HIST 103	US History to 1877	3
HIST 104	US History from 1877	3
HIST 231	History of Latin America	3
HIST 240	History of Africa	3
HIST 306	Islam and the Muslim World	3
HIST 319	Colonial America	3
HIST 320	The Early Republic	3
HIST 325	Sectionalism and the Civil War	3
HIST 351	The Mediterranean World	3
HIST 364	Explorers and Encounters	3
HIST 410	Trans-Mississippi West	3
HIST 430	Native American Social History	3
HON 252H	Visionaries of the Past	2
HON 351H	Integrity and the Examined Life	3
HUM 251	Humanities	3
HUM 252	Humanities	3
HUM 253	Humanities	3
LEGL 322	Criminal Law	3
MHA 423	Introduction to Counseling	3
MUSC 100	Music Appreciation	3
MUSC 208	Sex, Crimes, and the Sublime on the Musical Stage	3
MUSC 260	Introduction to Music History	3
NURS 363	Nursing Theory and Research	3
PHIL 100	Critical Thinking	3
PHIL 102	Philosophy of Human Nature	3

POLS 220	International Politics	3
PSY 352	Adolescent Psychology	3
PSY 411	Introduction to Personality Theories	3
SOC 255	Diversity in Families	3
SOC 369	Studies in Deviance	3
SPAN 342	Introduction to Hispanic Literature	3
THEA 386	Playwriting	3
THEA 450	Contemporary Drama	3

CCS4 - Quantitative Literacy

Quantitative literacy requires competency in interpreting and working with numerical data. Strong skills include the ability to solve quantitative problems from various contexts and situations, to understand and communicate arguments supported by quantitative evidence in diverse formats (e.g., words, tables, graphs, mathematical equations, statistical data), and to create these types of arguments as needed.

ART 112	Print, Web, and Social Media Graphics	3
ATR 410	Advanced Athletic Injuries and Modalities	3
CHEM 110	Survey of Chemistry	4
or CHEM 110H	Honors Survey of Chemistry	
CHEM 118	General, Organic, and Biological Chemistry	4
CHEM 121	General Chemistry I	5
or CHEM 121H	Honors General Chemistry I	
CHEM 122	General Chemistry II	5
or CHEM 122H	Honors General Chemistry II	
CHEM 127	Chemistry of the Environment	4
CHEM 480L	Biochemistry Laboratory	2
CJ 395	Victims and Victimology	3
CSCI 275	Computer and Digital Hardware	4
DATA 211	Applied Statistics and Data Visualization	4
ECON 202	Principles of Macroeconomics	3
FIN 353	Principles of Financial Management	3
GEOG 161	World Regional Geography	3
GEOG 289	Introduction to GIS	3
GEOG 330	Geography of Weather and Climate	3
GEOL 100	Earth Science with Lab	4
GEOL 101	Environmental Geology with Lab	4
GEOL 105	Physical Geology with Lab	4
GEOL 123	Global Climate Change: Science and Society	4
HUM 252	Humanities	3
KIN 441	Evaluation of Psychomotor Performance	3
MATH 104	Finite Mathematics	4
MATH 210	Elementary Statistics	4
MATH 377	Mathematics for Elementary Teachers II	3
MATH 446	Probability and Statistics II	4
NURS 457	Public Health for the Professional Nurse	5
PHYS 110	Astronomy	4
POLS 115	American Government	3
PSY 241	Introduction to Statistics	4
PSY 242	Research Methods in Psychology	4
PSY 460	Sensation and Perception	3
PSY 496	Senior Research Thesis	3
SCI 110	Introduction to Meteorology	4
SOC 278	Social Research Methods	3
SPED 120	Intro to Positive Behavior Supports	3

CCS5 - Oral/Written Communications

Oral and written communications are purposeful presentations designed to increase knowledge or foster understanding for listeners or readers, or to promote change in the attitudes, values, beliefs, or behaviors of listeners or readers.

ACCT 480	Controllership	3
ART 110	Introduction to Visual Arts	3
BIT 470	Projects in MIS	3
CHEM 480L	Biochemistry Laboratory	2
CJ 491	Senior Seminar	3
COMM 110	Fundamentals of Public Speaking	3
COMM 492	Senior Portfolio	1-3
CSD 412	Neurology for Communication Disorders	2
ENGL 110	College Composition I	3
or ENGL 111H	Honors Composition I	
ENGL 120	College Composition II	3
or ENGL 121H	Honors Composition II	
ENGL 315	Profes and Tech Writing	3
ESR 304	Therapeutic Exercise II	3
GEOG 267	Geography of Europe	3
GEOG 330	Geography of Weather and Climate	3
GEOG 360	Perception of the Environment	3
HIST 337	Imperialism in Asia	3
HIST 342	The Age of the Vikings	3
HIST 351	The Mediterranean World	3
HIST 380	History of Mexico	3
HIST 385	History of Brazil	3
HIST 401	Historiography	3
HIST 442	The Crusades	3
HON 451H	Honors Thesis/Project	3
KIN 107	Introduction to Health and Physical Education	2
KIN 325	Personal Training Methods	2
MATH 205	Math Proof and Problem Solving	3
MATH 391	Secondary Mathematics Teaching Methods	3
MHA 349	Psychopharmacology	3
MUSC 208	Sex, Crimes, and the Sublime on the Musical Stage	3
PSY 465	Introduction to Behavioral Neuroscience	3
PSY 496	Senior Research Thesis	3
SCI 480	Seminar	3
SOC 278	Social Research Methods	3
SOC 361	Comparative Ethnic Studies	3
SOC 374	Cultural Studies	3
SPAN 340	Conversation and Composition I	3
SWK 491	Senior Seminar	3

CCS6 - Collaboration

Collaboration requires students to demonstrate the ability to communicate effectively with others when figuring out solutions to complex problems.

ART 496	Study Tour	0-6
BADM 120	Fundamentals of Business	3
BIOL 202	Introductory Microbiology	4
BIT 302		3
CHEM 118	General, Organic, and Biological Chemistry	4
CHEM 122	General Chemistry II	5
or CHEM 122H	Honors General Chemistry II	

CHEM 127	Chemistry of the Environment	4
CHEM 482	Biochemistry II	3
CJ 401	Administration of Criminal Justice Systems	3
COMM 316	Group Dynamics	3
COMM 475	Broadcast Production	1-3
CSCI 275	Computer and Digital Hardware	4
ED 260	Educational Psychology	2
or ED 260H	Educational Psychology	
ED 380	Technology in Teaching	2
ENGL 191	English Community Seminar	1
ENGL 355	Age of Shakespeare	3
ESR 226	Methods of Teaching Group Exercise	2
ESR 308	Biomechanics	2
GEOL 300	Geologic Field Methods	3
HMS 333	Transcultural Health Care	3
HON 391H	Community Problem-Solving	3
HUM 496	Study Tour	1-6
LEAD 201	Collaborative Leadership	3
MHA 338	Professional Relations and Ethics	3
MUSC 120	Concert Choir	1
MUSC 150	Orchestra	1
MUSC 160	Concert Band	1
PSY 375	History and Systems of Psychology	3
PSY 410	Cognitive Psychology	3
PSY 435	Psychology of Learning	3
PSY 473	Behavior Modification	3
SOC 375	Social Movements	3
SPED 223	Dual Diagnoses: ID and Mental Health Disorders	2
SPED 302	Language and Communication Interventions	3
SWK 426	Social Work Methods II	3
THEA 110	Introduction to Theatre Arts	3
THEA 161	Acting I	3
THEA 385	Directing	3