

## Academic Advising Survey of Liberal Arts Core Textbooks Sample texts and chapter headings

### Category I: Core Competencies

#### Group A: Reading and Writing

620:005 College Writing and Research  
Sample Texts: *All Quiet on the Western Front, Gerald's Game, Postville, Fast Food Nation, Kyrie, Composing from Sources, Cancasia*

620:015 Craft of Academic Writing

620:034 Critical Writing about Literature

#### Group B: Speaking and Listening

48C:001 Oral Communication

Sample Texts: *Communication: Making Connections*

Understanding of basic communication principles, verbal/nonverbal communication and culture and gender barriers in communication. Development of listening, presentation and intra/interpersonal comm. skills.

#### Group C: Quantitative Techniques & Understanding

800:023 Mathematics and Decision Making

Sample Texts: *Mathematical Ideas.*

Sets, logic, problem solving, probability, statistics, mathematical systems, algebra, metric system, geometry, statistics, consumer math, functions, graphs, matrices.

800:031 Mathematical Reasoning for Teaching I

Text: *Mathematics for Elementary Teachers*

Concepts and logic behind how to do/teach topics under 800:023 plus numbers and the decimal system, fractions, addition/subtraction/multiplication/ division, geometry of motion/change # theory. Focus on process for finding answer.

800:060 Calculus 1

Sample Texts: *Calculus, Single Variable, and Student Solution manual. TI-86 Calculator*

Functions, exponents, logarithmic, trig, derivatives, differentiation, integration, constructing antiderivatives

800:064 Introduction to Statistics for Life Sciences

Text: *Biostatistics for the Biological and Health Sciences*

Similar topics to 800:072 but with human health emphasis. Also risks/odds, rates of mortality, fertilization, population proportion, mean, variance.

800:072 Introduction to Statistical Methods

Sample Texts: *Intro to Probability and Statistics*

Describing data with graphs, numerical measurements, bivariate data, probability distributions, discrete distributions, sample distribution, large sample estimation, large sample tests of hypothesis, inference from small samples, analysis of variance, linear regressions and correlation, multiple regression analysis, analysis of categorical data and non-parametric statistics.

800:092 Introduction to Mathematical Modeling

Sample Texts: *Mathematics Methods and Modeling for Today's Mathematics Classroom w/ cd*

810:025 Computational Modeling and Simulation

Text: Not yet available.

(How computer simulations accurately (or not) depict the world around us. Requires a certain comfort level with abstract thinking, relating formula to computer representation and understanding how the formulae work. Good algebra skills very strongly recommended. Simulations mainly about science (spread of disease, ecology, etc) but some social science and business representations also presented.)

#### Group D: Personal Wellness

440:010 Personal Wellness

Sample Texts: *Fit and Well: Core Concepts & Labs in Physical Fitness & Wellness*

Lecture Component: Principles of physical fitness, cardio-respiratory endurance, muscle strength and endurance, flexibility, body composition. Developing a comprehensive fitness program, nutrition, weight management, cardiovascular health, cancer, substance use and abuse, sexually transmitted diseases, wellness for life.

## Category II: Civilizations and Cultures

Group A: Humanities (These classes have textbooks that provide basic, general background information from which class lectures are usually geared. The following selections are readings that stem from topics discussed in the book as well.)

- 680:021 Humanities I  
Sample Texts: *The Holy Bible; the Prince; Canterbury Tales; Hamlet; Beowulf; Meditations; The Iliad; King Lear; The Letters of Abelard and Heloise; Confessions; Macbeth; The Divine Comedy; The Odyssey; Antigone; Othello; The Republic; The Inferno; Epic of Gilgamesh; The Aeneid; Doctor Faustus*
- 680:022 Humanities II  
Sample Texts: *Utopia; Hamlet; Canterbury Tales; Merchant of Venice; Meditations; The Prince; King Henry V; Essay on Man and Other Poems; Nathan the Wise, Our Christian Liberty; Candide*
- 680:023 Humanities III  
Sample Texts: *Frankenstein, All Quiet on the Western Front; 1984; Adventures of Huckleberry Finn; Survival in Auschwitz; The Communist Manifesto; Germinal; Darkness at Noon; Crime and Punishment; The Stranger; Heart of Darkness; Night; Brave New World; Anthem; The Sunflower*

Group B: Non-Western Cultures  
Texts too numerous to review.

## Category III: Fine Arts, Literature, Philosophy & Religion

Group A: Fine Arts

- 420:034 Survey of Dance History  
Sample Text: *Dancing Through History*  
Overview of dance styles through history including: tribal rites, dance in tribal societies, Asian ceremonies, early Mediterranean civilizations, fold dance development in Medieval Europe and today, European Ballet tours 1300 – present, dance in America up to the 1900s; Dance in America.
- 490:002 Theatrical Arts and Society  
Sample Text: *The Lively Art, Theatre*  
Sample playbooks: *Medea; A Doll's House; The Imaginary Invalid; Top dog/Underdog; All My Sons; Curse of the Staving Class; Far Away; Cyrano De Bergerae; Malleon*
- 520:020 Our Musical Heritage  
Sample Texts: *Listening to Music – w/ 3 CDs*  
Science of sound, elements of music, musical notation, structures of music, musical instruments, musical form, musical style, early music (Middle Ages, Renaissance, Early Baroque), 18<sup>th</sup> century (Late Baroque, Baroque instrumental/vocal, Viennese Classical Style, Classical form/genres); 19<sup>th</sup> century (Beethoven, Romanticism, Early Romantics, Opera), 20<sup>th</sup> cent (Modernist movement, American music), African-American
- 520:030 Music of Our Time  
Sample Texts: *Concise Guide to Jazz (2CDs), Soundscapes (3CDs), American Popular Music (2CDs), Rockin' Out: Pop Music in the USA (CD)*  
Tin Pan Alley and the theater, American musical theater, African-American tradition, American blues, jazz and big bands, country music and the Anglo-American tradition; folk origins, country meets western, bluegrass and new traditionalists, rock and the gathering of America's music, origins and developments, British invasion, gospel, soul, Motown, art rock to reggae, new heights and high tech
- 600:002 Visual Inventions – Text not used in all sections.  
What is art; meanings, purposes, styles, the language of art, elements, composition, and content. Drawing, painting, printmaking, sculpture, architecture, camera art, craft and design, art of the Ancients, Classical art, the Renaissance, age of Baroque, modern art, 20<sup>th</sup> century art, contemporary art, beyond Europe and the US

- 600:004 Visual Perceptions  
Sample texts; *Exploring Art, Understanding Modern Art, Why a Painting is like a Pizza*  
What is art for, the language of the visual experience (visual communication, visual elements, principles of design, style, evaluation), 2-D media (drawing, painting, printmaking, camera arts and computer imaging), 3-D media (sculpture, crafts – traditional and contemporary), design disciplines, art as cultural heritage, the modern world. Functions of arts (personal, social, physical), styles of art (objective accuracy, formal order, emotion, fantasy), structure of art (visual elements, perceiving the elements), interaction of medium and meaning (painting, sculpture, architecture, photography, film, TV), Non-western art and Western Art.
- Group B: Literature, Philosophy or Religion
- 620:031 Introduction to Literature (depending on section, texts will vary)  
Sample Texts: *Literature, Multicultural Literature Package; Death of a Salesman; Bridges of Madison County; Shoeless Joe; A Streetcar Named Desire; The Visit; One Flew Over the Cuckoo's Nest; State Fair; What's Eating Gilbert Grape; Siddhartha; Death in Venice; The Color Purple; Wonderful Wizard of Oz*
- 640:024 Religions of the World  
Sample Texts: *Anthology of Living Religion, Sacred Paths, Intron to Study of Religion, Religions of the World.*  
The religious response, Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, Islam, new religious movements, Native American religions. Depending on section, also discuss aspects of the human experience and religion, religious languages, religious change and ritual and religious actions
- 650:021 Philosophy: The Art of Thinking  
Sample Texts: *Meditations, On Liberty, Classical Philosophical Questions, About Philosophy, Sophie's World, Republic, Does God Exist*  
Freedom or determinism, God and religion, morality and society, state and society, mind and body, knowledge and science. Readings: Plato, Descartes, Kant, Thoreau, Marx, Dostoevsky. How do I know whether God exists? Does religion give my life meaning? What does science tell me about the world? Which should I believe in: Darwin or Genesis? How is my mind connected to my body? Am I free to choose what I do? What do I justly deserve? How should I make a living? What do I know? Does language make me think the way I do? Who am I? How are my emotions important to me? How should I feel about emotion? What's the meaning of death? What does my race have to do with me? Why should I be selfish? Can there be sexual equality? What's the right thing for me to do?
- 720:031 Introduction to Francophone Literature in Translation  
740:031 Introduction to German Literature in Translation  
770:031 Introduction to Russian Literature in Translation  
790:031 Introduction to Portuguese and Hispanic Literatures in Translation  
Texts unavailable

#### Category IV: Natural Science and Technology

- Group A: Life Sciences
- 820:032 Inquiry into Life Science  
Sample Texts: *Inquiry into Life; Exploring the Way Life Works; The Science of Biology; Biology; Concepts and Applied w/ CD; Integrated Science*  
Study of life: bio, chem., cells; continuity of life: genetics, evolution; diversity of life: multi-cellular life, plants; animal life; human life and body, circulation, nervous system; our living environment: ecosystems, planets.
- 840:012 Life: The Natural World  
Sample Texts: *Environmental Science Toward a Sustainable Future; Ecology: The Bridge Between Science and Society*  
Plants and society; plants' relation to products and human health; fungi; environmental science & ecological principles; population, economics & environmental health; food, land & biological resources; physical resources; society and environment; biomes and ecosystems.
- 840:014 Life Continuity and Change  
Sample Texts: *Human Genetics; Human Biology*  
Overview of biology, cell bio (cells and tissues, cellular architecture), reproduction and development (dev. through aging, reproductive and dev. problems), genetics (linkage, molecular genetics, tech., DNA, gene mutation), animal bio, plant bio, evolution, behavior and ecology (populations, ecosystems, social behavior, environmental concerns), genetic immunity and cancer, genomics

- 990:010 Human Origins  
 Sample Texts: *Record of Past; Human Antiquity, Physical Anthropology, Understanding Physical Anthropology and Archeology*  
 Anthropology, evolutionary theory, human variation and adaptation, overview of primates, hominids through homo sapiens, human lineage, agriculture and domestication, rise of ancient civilization, archeology
- Group B: Physical Sciences
- 820:031 Inquiry into Physical Science  
 Sample Texts: *Physical Science w/ CD; Integrated Science*  
 Study of physical sciences using models as a central theme; Earth, natural phenomenon, formation and structure; physics, atoms, chemistry, earth and space science
- 820:031 Inquiry into Earth Science *Sample Texts not yet available*
- 860:010 Principles of Chemistry  
 Sample Texts: *Chemistry in Context; Chemistry for the Health Sciences*  
 Measurements, atoms, formulas, stoichiometry, periodic table, chemical bonds, chemical nomenclature, gasses, solutions, chemical reactions, acids and bases, oxidation and reduction, nuclear chemistry, organic chemistry, biochemistry, genetic engineering, the air we breath, ions, solvents, energy radiation, manipulating molecules, genetic engineering
- 860:011 Molecules and Life  
 Similar texts to 860:010 – Principles of Chemistry
- 870:010 Astronomy  
 Sample Texts: *Investigation Astronomy; Cosmos; Astronomy in New Millennium*  
 Changing concepts of the cosmos; birth of cosmological models, new cosmic order, clockwork universe, the plants, Earth, moon and Mercury, Venus and Mars, Jovian planets, origin of the solar system, universe of the stars; the sun, stars as suns, star lives, evolution, and universe of galaxies. Lab: Activities in astronomy, observe: moon, planets, sun stars, clusters, plot moon's orbit, star charts, and catalogs
- 870:021 Elements of Weather  
 Sample Texts: *The Atmosphere, Online Weather Studies*  
 Atmosphere, earth's surface, solar/terrestrial radiation, temp., air pollution, condensation & precipitation, moisture/atmospheric stability, air pressure, winds, weather patterns, thunderstorms and tornadoes, hurricanes, weather analysis and forecasting, world climates, changing climate, circulation of the atmosphere, optical phenomena
- 870:031 Introduction to Geology  
 Sample Texts: *Understanding the Earth w/ CD, Essentials of Geology w/CD, Reading the Rocks*  
 Planet Earth, minerals, igneous rocks, volcanism, erosion, sedimentary rocks, metamorphic rocks, geologic time scale, rock formation, hydrologic cycles, rivers, glaciers, landscape evolution, oceans, earthquakes, plate tectonics, energy resources, mineral resources.
- 880:011 Conceptual Physics  
 Sample Texts: *Conceptual Physics*  
 Mechanics (linear motion, non-linear motion, Newton's laws, energy, gravity, momentum), properties of matter (atomic nature, solids, liquids, gasses, plasma), heat (temperature, expansion, heat transfer, change of state), sound (vibrations, waves), electricity & magnetism, light, atomic & nuclear physics, relativity
- 880:012 Physics in Everyday Life  
 Sample Texts: *How Things Work.*  
 Laws of motion, simple mechanical objects, fluids and motion, heat, thermodynamics, phase transitions, resonance, mechanical waves, electric and magnetic forces, electrodynamics electronics, light, optics, nuclear physics, modern physics, electromagnetic waves, material science, chemical physics
- 970:026 Physical Geography  
 Sample Texts: *Introducing Physical Geography; Physical Geography of the Global Environment; Geosystems*  
 Atmosphere and hydrosphere; condition and structure of the atmosphere, radiation, weather systems, climate classification and regionalization dynamics of climate change, the biosphere, climate, soil, plants and animals, global distribution of plants, the Earth's crust, minerals, rocks (igneous, sedimentary, metamorphic) plate movement, land formation, temperature

**Category V: Social Sciences**Group A: Socio-cultural and Historical Perspectives

- 900:023 American Civilization  
 Sample Texts: *Eleanor Roosevelt; Tecumseh; The Life of Fredrick Douglas, An American Slave; Slaughterhouse Five; Samuel Adams; The Jungle; Bound for Glory; Quest for Cosmic Justice; America: New Generation; Andrew Carnegie; Rise of Big Business; American Narrative History; America: Past and Present; Woodrow Wilson; In Defense of Elitism*  
 Patterns of discovery of America, settlement colonists, 18<sup>th</sup> C. America, American Revolution, Federalists and Republican expansion, Civil War, Industrial Society to modern America
- 970:010 Human Geography  
 Sample Texts: *Human Geo., Human Mosaic, Perspectives: Geo., Places and Regions in Global Context*  
 Famine, climates since AD900, monsoons, perspective on climate change, themes of human geography, patterns of diversity, dynamic patterns of the space economy, landscapes of function organization, human actions and environmental impacts, geo., culture, environment, population patterns, geography of religion
- 970:040 World Geography  
 Sample Texts: *Geography: Realms, Regions, and Concepts; Essence of World Region Geography*  
 The concepts of area, boundaries, location, spatial systems, culture, population density, urbanization, state and regional geography, iconography, Europe, Russia, North/Middle/South America, Pacific Rim, Australia, Africa, S. Asia, China, SE Asia, N. Africa/SW Asia, Sub-Saharan Africa, East Africa
- 980:001 Introduction to Sociology  
 Sample Texts: *The Meaning of Sociology, Ten Questions: A Soc. Perspective; Sociology: A Global Perspective; Down to Earth Sociology; Amazing Grace: A Powerful Glimpse Into the Lives of Children Living in the South Bronx; Sociology in Our Times; Sociology: Windows on Society*  
 The study of society, culture, socialization and development, social interaction and social groups, deviant behavior and social control, social inequity, marriage and alternative family lifestyles, religion, education, political and economic systems, social change and social issues.
- 990:011 Culture, Nature, and Society  
 Sample Texts: *Cultural Anthropology, Perspectives: Anthropology, Who Pays the Price*  
 Anthropology and the study of culture, beginning of human culture, culture and survival, communications, raising children, formation of groups, sex and marriage, family, search for order, political organization and social control, social stratification, economic systems, psychology and culture, social problems, religions and the supernatural, the arts, change and the future.
- Group B: Individual and Institutional Perspectives
- 31F:010 Human Identity and Relationships  
 Sample Texts: *Human Identity and Relationships; Intimate Relationships*  
 Self-direction, personality and social development, motivation and emotion, stress, body and health, self concept, people and friends, group, marriage and relationships, sexuality, work and leisure, personal control and decision making, psychological disorders, therapy, death and bereavement, strangers, lovers, methods of studying relationships, physical/psychological attraction.
- 400:001 Introduction to Psychology  
 Sample Texts: *Exploring Psychology, Introduction to Psychology*  
 Human diversity, the nervous system; structure and function of the brain, sensation and perception; receiving messages, vision, hearing, chemical senses, states of consciousness; sleeping and dreaming, waking consciousness, learning; classical conditional operant conditioning, stages of memory and forgetting, development psychology, motivation and emotion, gender and sexuality, personality theories, stress and health, abnormal behavior, social psychology.
- 920:024 Introduction to Economics  
 Sample Texts: *Essentials of Economics*  
 Core ideas in economic theory; basic economic problems and economic systems; Scarcity and the economic system, microeconomics: markets, prices, competition; macroeconomics: economy as a whole; international economics: trade, exchange rates, balance of payments. Methodology, unemployment and growth, capitalist ideology, supply/demand, business enterprises, gross domestic product, inflation, consumption/saving, investment, money market, federal reserve banks, monetary policy, budget philosophy

- 942:014 Introduction to American Politics  
Sample Texts: *Enduring Debate, Government in America, Savage Inequalities, Intro. To American Government, Dynamics of Democracy, America At Odds*  
Fundamentals, political behaviors, culture and socialization, opinion and elections, political parties, interest groups, political institutions, politics in nations, international relations.
- 943:024 International Relations  
Sample Texts: *World Politics, Essentials of International Relations, Understanding International Conflicts*  
New world order, world economy, weapons of mass destruction, North America, Latin America, Europe, Middle East and Africa, international organizations and global issues
- Group C: Topical Perspectives
- 450:041/ Social Welfare: A World View  
900:041 Sample Texts: *Social Welfare in Global Context, Introduction to Social Welfare and Social Work*  
Social work as a profession (values, ethics, methods, job opportunities, current professional issues), poverty, child and family welfare, mental health and developmental disability, health care, workplace, housing and homelessness, aging, sustainable development, human rights and social justice, social welfare policy, foundations of social welfare, social work historical foundations
- 900:020 Women, Men and Society  
Sample Texts: *White Weddings, Men's Lives, Social Construction of Difference and Equality, School Girls, Reconstructing Gender, The Gender Knot; Issues in Race, Ethnicity, and Gender; No Disrespect, Rapunzel's Daughters, Unraveling our Patriarchal Legacy, Talking at Trinas*  
Gender study overview, perspectives on sex, gender and difference, bodies, sexuality, identities, families, ideology, change and politics (sex differences, interaction of nature and environment, ancestors and neighbors, social construction of gender at other times, in other places), early-child gender socialization, schools and gender, language and the media, institutions of social control (gender and intimate relationships, employment and the economy; crime and justice; gender politics, government and the military; gender and spirituality; gender and health), restructuring sex/gender systems
- 450:045/ American Racial and Ethnic Minorities  
980:045/ Sample Texts: *Race and Ethnicity in the United States*  
900:045 Aspects of minority/majority relations, prejudice, discrimination, immigration, ethnicity and religion in American life, American Indian, making of Black Americans in a White America, African-Americans today, Hispanic Americans, Chicanos, Puerto Ricans, Asian-Americans, Chinese-Americans, Japanese-Americans, Jewish-Americans, women, beyond the United States: a comparative perspective
- 940:020 Contemporary Political Problems  
Sample Texts: *Nickel and Dimed, Capitalism and Freedom*  
The American presidency, hardball: how politics is played, constructing the political spectacle, from eco-cities to living machines, impoverishment of political discourse
- 980:060 Social Problems  
Sample Texts: *Intro to Social Problems, Understanding Social Problems*  
Family disorganization, drugs, alcohol, gambling, health and insurance, inequality/poverty, race/ethnicity, crime/justice/environment, world at war
- 900:090 Children and Youth: Issues and Controversies  
Studying social science, causes/changes, sampling/selecting/socializing, the child welfare system
- 900:080 Conflict and Social Resolution  
Sample Texts: *Parable of the Sower; Parable of the Talents; Getting to Yes; Meeting the Shadow; Debt: What America Owes Blacks.*

**Category VI: Capstone Experience (Other courses vary by semester)**

- 820:140 Environment, Technology and Society  
Sample Texts: *Environment 02/03, Watersheds 3, Natural Capitalism, Triumph of the Mundane, Alone, Silent Spring, Ishmael, Hubbert's Peak, The Sustainable Planet, Fast Food Nation, Environmental Science, How much is enough?, The Game of Science Education, Country Full of Game, Taking Sides: Environmental Issues, Degrees of Disaster, Garbage Wars, One with Nineveh*  
Environment surprises, Nemesis effect, harnessing corporate power to heal the planet, signs of an environmental awakening, population surprise, population and consumption, food for all in the 21<sup>st</sup> Century, oil profits, plants, animals, land, water.