

South Carolina Technical Colleges (SCTCS)

Catalog of Approved Courses - Statewide Articulated Transferable Courses Only

current as of: 7/25/2008

#	Prefix&Num	Course Title	Course Description
1	ACC 101	Accounting Principles I	This course introduces basic accounting procedures for analyzing, recording, and summarizing financial transactions, adjusting and closing the financial records at the end of the accounting cycle, and preparing financial statements.
2	ACC 102	Accounting Principles II	This course emphasizes managerial accounting theory and practice in basic accounting and procedures for cost accounting, budgeting, cost-volume analysis, and financial statement analysis.
3	ANT 101	General Anthropology	This course is the study of physical and cultural anthropology. This course explores subfields of anthropology to examine primatology, human paleontology, human variation, archeology and ethnology.
4	ART 101	Art History and Appreciation	This is an introductory course to the history and appreciation of art, including the elements and principles of the visual arts.
5	ART 105	Film As Art	This course provides an introduction to the appreciation of film and covers the elements and principles of cinema with historical and contemporary examples.
6	AST 101	Solar System Astronomy	This course is a descriptive survey of the universe with emphasis on basic physical concepts and the objects in the solar system. Related topics of current interest are included in the course.
7	AST 102	Stellar Astronomy	This course is a descriptive survey of the universe with emphasis on basic physical concepts and galactic and extra-galactic objects. Related topics of current interest are included in the course.
8	BIO 101	Biological Science I	This course is a study of the scientific method, basic biochemistry, cell structure and function, cell physiology, cell reproduction and development, Mendelian genetics, population genetics, natural selection, evolution, and ecology.
9	BIO 102	Biological Science II	This course is a study of the classification of organisms and structural and functional considerations of all Kingdoms (Particularly major phyla as well as viruses). Vertebrate animals and vascular plants are emphasized.
10	BIO 210	Anatomy and Physiology I	This is the first in a sequence of courses, including an intensive coverage of the body as an integrated whole. All body systems are studied.
11	BIO 211	Anatomy and Physiology II	This is a continuation of a sequence of courses, including intensive coverage of the body as an integrated whole. All body systems are studied.
12	BIO 225	Microbiology	This is a detailed study of microbiology as it relates to infection and the disease processes of the body. Topics include immunity, epidemiology, medically important microorganisms, and diagnostic procedures for identification.
13	ENG 236	African American Literature	This course is a critical study of African American literature examined from historical, social, and psychological perspectives.
14	CHM 110	College Chemistry I	This is the first course in a sequence which includes the following topics: atomic and molecular structure, nomenclature and equations, properties, reactions and states of matter, stoichiometry, gas laws, solutions, and equilibria.
15	CHM 111	College Chemistry II	(For students continuing in chemistry) this course is a continuation of the study of atomic and molecular structure, nomenclature and equations, properties, reactions and states of matter, stoichiometry, gas laws, solutions, and equilibria. Other topics included are kinetics, thermodynamics, and electrochemistry.
16	CHM 112	College Chemistry II	(For students not continuing in chemistry) this course is a continuation of the study of atomic and molecular structure, nomenclature and equations, properties, reactions, and states of matter, stoichiometry, gas laws, solutions, and equilibria. Other topics included are organic chemistry and biochemistry.
17	CHM 211	Organic Chemistry I	This is the first in a sequence of courses that includes nomenclature, structure and properties, and reaction mechanisms of basic organic chemistry.

South Carolina Technical Colleges (SCTCS)

Catalog of Approved Courses - Statewide Articulated Transferable Courses Only

current as of: 7/25/2008

#	Prefix&Num	Course Title	Course Description
18	CHM 212	Organic Chemistry II	This course is a continuation of basic organic chemistry. Topics include nomenclature, structure and properties, reaction mechanisms of basic organic chemistry, biochemistry, and spectroscopy.
19	ECO 210	Macroeconomics	This course includes the study of fundamental principles and policies of a modern economy to include markets and prices, national income accounting, cycles, employment theory and fiscal policy, banking and monetary controls, and the government's role in economic decisions and growth.
20	ECO 211	Microeconomics	This course includes the study of the behavior of households and firms, including supply and demand, elasticity, price/input in different market structures, pricing of resources, regulations, and comparative advantage and trade.
21	ENG 101	English Composition I	This is a (college transfer) course in which the following topics are presented: a study of composition in conjunction with appropriate literary selections, with frequent theme assignments to reinforce effective writing. A review of standard usage and the basic techniques of research are also presented.
22	ENG 102	English Composition II	This is a (college transfer) course in which the following topics are presented: development of writing skills through logical organization, effective style, literary analysis and research. An introduction to literary genre is also included.
23	ENG 201	American Literature I	This course is a study of American literature from the colonial period to the civil war.
24	ENG 202	American Literature II	This course is a study of American literature from the civil war to the present.
25	ENG 203	American Literature Survey	This course is a survey of American literature: major authors, genres, and periods.
26	ENG 205	English Literature I	This is a (college transfer) course in which the following topics are presented: the study of English literature from the old English period to the romantic period with emphasis on major writers and periods.
27	ENG 206	English Literature II	This is a (college transfer) course in which the following topics are presented: the study of English literature from the romantic period to the present with emphasis on major writers and periods.
28	ENG 208	World Literature I	This course is a study of masterpieces of world literature in translation from the ancient world to the sixteenth century.
29	ENG 209	World Literature II	This course is a study of masterpieces of world literature in translation from the seventeenth century to the present.
30	ENG 214	Fiction	This course is a study of fiction from several cultures. Emphasis is on the nature of the genre and appropriate reading strategies.
31	ENG 218	Drama	This course is a study of drama from several cultures. Emphasis is on the nature of the genre and appropriate reading strategies.
32	ENG 222	Poetry	This course is a study of poetry from several cultures. Emphasis is on the nature of the genre and appropriate reading strategies.
33	ENG 230	Women in Literature	This course is a critical study of women's writings examined from historical, social, and psychological points of view.
34	ENG 260	Advanced Technical	This course develops skills in research techniques and increases proficiency in technical communications.
35	FRE 101	Elementary French I	This course consists of a study of the four basic language skills: listening, speaking, reading and writing, including an introduction to French culture.
36	FRE 102	Elementary French II	This course continues the development of basic language skills and includes a study of French culture.
37	FRE 201	Intermediate French I	This course is a review of French grammar with attention given to complex grammatical structures and reading difficult prose.

South Carolina Technical Colleges (SCTCS)

Catalog of Approved Courses - Statewide Articulated Transferable Courses Only

current as of: 7/25/2008

#	Prefix&Num	Course Title	Course Description
38	FRE 202	Intermediate French II	This course continues the review of French grammar with attention given to more complex grammatical structures and reading more difficult prose.
39	GEO 101	Introduction to Geography	This course is an introduction to the principles and methods of geographic inquiry.
40	GEO 102	World Geography	This course includes a geographic analysis of the regions of the world, i.e., North and South America, Europe, Australia, Asia and Africa. Diversity of each region is emphasized by examining its physical environment, natural resources, social, cultural, economic and political systems.
41	GER 101	Elementary German I	This course is a study of the four basic language skills: listening, speaking, reading, and writing. The course includes an introduction to German culture.
42	GER 102	Elementary German II	This course continues the development of the four basic language skills and the study of German culture.
43	HIS 101	Western Civilization to 1689	This course is a survey of western civilization from ancient times to 1689, including the major political, social, economic, and intellectual factors shaping western cultural tradition.
44	HIS 102	Western Civilization Post 1689	This course is a survey of western civilization from 1689 to the present, including major political, social, economic, and intellectual factors which shape the modern western world.
45	HIS 201	American History: Discovery to 1877	This course is a survey of U.S. history from discovery to 1877. This course includes political, social, economic, and intellectual developments during this period.
46	HIS 202	American History: 1877 to Present	This course is a survey of U.S. history from 1877 to the present. This course includes political, social, economic, and intellectual developments during this period.
47	MAT 110	College Algebra	This course includes the following topics: polynomial, rational, logarithmic, and exponential functions; inequalities; systems of equations and inequalities; matrices; determinants; simple linear programming; solutions of higher degree polynomials; combinatorial algebra, including the binomial theorem; and introduction to probability.
48	MAT 111	College Trigonometry	This course includes the following topics: circular functions; trigonometric identities; solution of right and oblique triangles; solution of trigonometric equations; polar coordinates; complex numbers, including DeMoivre's Theorem; vectors; conic sections; sequences; and series. (Prerequisite: College Algebra)
49	MAT 120	Probability and Statistics	This course includes the following topics: introductory probability and statistics, including organization of data, sample space concepts, random variables, counting problems, binomial and normal distributions, central limit theorem, confidence intervals, and test hypothesis for large and small samples; types I and II errors; linear regression; and correlation.
50	MAT 122	Finite College Mathematics	This course includes the following topics: logic; sets; Venn Diagrams; counting problems; probability; matrices; systems of equations; linear programming, including the simplex method and applications; graphs; and networks. (Prerequisite: a college algebra course)
51	MAT 130	Elementary Calculus	This course includes the following topics: differentiation and integration of polynomials; rational, logarithmic, and exponential functions; and interpretation and application of these processes. (Prerequisite: College Algebra)
52	MAT 140	Analytical Geometry and Calculus I	This course includes the following topics: derivatives and integrals of polynomials; rational, logarithmic, exponential, trigonometric, and inverse trigonometric functions; curve sketching; maxima and minima of functions; related rates; work; and analytic geometry. (Prerequisite: a college algebra course and a college trigonometry course or pre-calculus)

South Carolina Technical Colleges (SCTCS)

Catalog of Approved Courses - Statewide Articulated Transferable Courses Only

current as of: 7/25/2008

#	Prefix&Num	Course Title	Course Description
53	MAT 141	Analytical Geometry and Calculus II	This course includes the following topics: continuation of calculus of one variable, including analytic geometry, techniques of integration, volumes by integration, and other applications; infinite series, including Taylor series and improper integrals. (Prerequisite: Analytical Geometry and Calculus I)
54	MAT 240	Analytical Geometry and Calculus III	This course includes the following topics: multivariable calculus, including vectors; partial derivatives and their applications to maximum and minimum problems with and without constraints; line integrals; multiple integrals in rectangular and other coordinates; and stokes' and green's theorems. (Prerequisite: Analytical Geometry and Calculus II)
55	MAT 242	Differential Equations	This course includes the following topics: solution of linear and elementary non-linear differential equations by standard methods with sufficient linear algebra to solve systems; applications; series; Laplace transform; and numerical methods. (Prerequisite: Analytic Geometry and Calculus III)
56	MUS 105	Music Appreciation	This course is an introduction to the study of music with focus on the elements of music and their relationships, the musical characteristics of representative works and composers, common musical forms and genres of various western and non-western historical style periods, and appropriate listening experiences.
57	PHI 101	Introduction to Philosophy	This course includes a topical survey of the three main branches of philosophy -- epistemology, metaphysics, and ethics -- and the contemporary questions related to these fields.
58	PHI 105	Introduction to Logic	This course is an introduction to the structure of argument, including symbolization, proofs, formal fallacies, deductions, and inductions.
59	PHI 106	Logic II Inductive Reasoning	This elementary logic course is an introduction to inductive reasoning. Patterns of inductive reasoning including analogical reasoning, inductive generalizations, scientific reasoning, and causal reasoning will be examined. Probability theory, decision analysis, and the criteria for the acceptability of inductive arguments will be covered also.
60	PHI 110	Ethics	This course is a study of the moral principles of conduct emphasizing ethical problems and modes of ethical reasoning.
61	PHI 115	Contemporary Moral Issues	This course examines moral issues in contemporary society, including basic principles and applications of ethics.
62	PHY 201	Physics I	This is the first in a sequence of physics courses. Topics include mechanics, wave motion, sound, heat, electromagnetism, optics, and modern physics.
63	PHY 202	Physics II	This course covers physics topics, including mechanics, wave motion, sound, heat, electromagnetism, optics, and modern physics.
64	PHY 221	University Physics I	This is the first of a sequence of courses. The course includes a calculus based treatment of the following topics: vectors, laws of motion, rotation, vibratory, and wave motion.
65	PHY 222	University Physics II	This course is a continuation of calculus based treatment of the following topics: thermodynamics, kinetic theory of gases, electricity and magnetism, including electrostatics, dielectrics, electric circuits, magnetic fields, and induction phenomena.
66	PHY 223	University Physics III	This course is a continuation of the calculus based treatment of the following topics: particle and wave aspects of matter and radiation, statistical mechanics, solid state, and nuclear physics.
67	PSC 201	American Government	This course is a study of national governmental institutions with emphasis on the constitution, the functions of executive, legislative and judicial branches, civil liberties and the role of the electorate.
68	PSC 215	State and Local Government	This course is a study of state, county, and municipal government systems, including interrelationships between these systems and within the federal government.

South Carolina Technical Colleges (SCTCS)

Catalog of Approved Courses - Statewide Articulated Transferable Courses Only

current as of: 7/25/2008

#	Prefix&Num	Course Title	Course Description
69	PSY 201	General Psychology	This course includes the following topics and concepts in the science of behavior: scientific method, biological bases for behavior, perception, motivation, learning memory, development, personality, abnormal behavior, therapeutic techniques, and social psychology.
70	PSY 203	Human Growth and Development	This course is a study of the physical, cognitive, and social factors affecting human growth, development, and potential.
71	PSY 208	Human Sexuality	This course is a study of biological, psychological, and sociological perspectives of human sexuality. Historical, cross-cultural, and ethical issues are considered in the course.
72	PSY 212	Abnormal Psychology	This course is a study of the nature and development of behavioral disorders, including the investigation of contemporary treatment procedures.
73	SOC 101	Introduction to Sociology	This course emphasizes the fundamental concepts and principles of sociology, including culture, socialization, interaction, social groups and stratification, effects of population growth, and technology in society and social institutions.
74	SOC 102	Marriage and The Family	This course introduces the institutions of marriage and the family from a sociological perspective. Significant forms and structures of family groups are studied in relation to current trends and social change.
75	SOC 205	Social Problems	This course is a survey of current social problems in America, stressing the importance of social change and conflicts as they influence perceptions, definitions, etiology, and possible solutions.
76	SOC 206	Social Psychology	This course examines the behaviors of individuals in interaction in terms of the personality system (attitudes, needs, traits, feelings, learning, and perception), the social system (relations between/among persons), and the cultural system (agreed-upon ideas about the social and non-social world).
77	SOC 210	Juvenile Delinquency	This course presents the nature, extent, and causes of juvenile delinquency behavior, including strategies used in the prevention, intervention, and control of deviant behavior.
78	SOC 220	Sociology of The Family	This course includes an application of theory and research related to family behaviors, roles, and values with emphasis on understanding family problems.
79	SOC 235	Thanatology	This course is a study of dying, death, bereavement, and widow/widowerhood from a cross-cultural perspective with emphasis on the many legal and ethical issues in this field.
80	SPA 101	Elementary Spanish I	This course is a study of the four basic language skills: listening, speaking, reading, and writing, including an introduction to Hispanic cultures.
81	SPA 102	Elementary Spanish II	This course continues development of the basic language skills and the study of Hispanic cultures.
82	SPA 201	Intermediate Spanish I	This course is a review of Spanish grammar with attention given to more complex grammatical structures and reading difficult prose.
83	SPA 202	Intermediate Spanish II	This course continues a review of Spanish grammar with attention given to more complex grammatical structures and reading more difficult prose.
84	SPC 205	Public Speaking	This course is an introduction to principles of public speaking with application of speaking skills.
85	SPC 210	Oral Interpretation of Literature	This course presents the principles and practices in oral interpretation of literary works.
86	THE 101	Introduction to Theatre	This course includes the appreciation and analysis of theatrical literature, history, and production.