

# SOUTH SUBURBAN COLLEGE STEP-UP PROGRAM

*You **are not restricted** to these courses, you are eligible to take any course if you meet the required prerequisites.*

## Course Descriptions

**\*highlighted** Most Common Step-up Courses taken that **DO NOT REQUIRE** placement exam scores.

<b>CJS 101</b> - Introduction to the Criminal Justice System (IAI: CRJ 901) (3 Credits)	Administration of justice in the U.S. with a general overview of the total system; functional areas of the criminal justice system; role of police, courts and corrections; nature of law; interrelation of various components that form the system.
<b>*PSC 101</b> - American National Government (IAI: S5900) (3 credits)	Political power, its application, location, impact; demands on decision makers, their forms and sources; conversion process, congress, presidency, bureaucracy and courts; outputs, policies, implementation, court decisions.
<b>*PHL 101</b> Introduction to Philosophy (IAI: H4900) (3 Credits)	A study of the major philosophical problems, such as the nature of reality, knowledge, and truth and the meaning of existence, as seen in the works of major Western thinkers.
<b>*PSY 101</b> Introduction to Psychology (IAI:S6900 IAI: SPE 912) (3 Credits)	This course is an introductory survey of the current subject matter and methods of Psychology. Specific topics include research methods, the biological basis of behavior, learning, memory, personality, life-span development, motivation, emotion, social behavior, and abnormal behavior and therapies.
<b>*SOC 101</b> Introduction to Sociology (IAI: S7900) (3 Credits)	Basic concepts about human relationships, interrelations of society, culture, individual; major social institutions, factors, processes in social cultural change.
<b>*MIS 101 (Dual Credit)</b> Management Information Systems (IAI: CS 910) (3 Credits)	Computer literacy and applications: an overview of the operating systems software, computer hardware, mgmt. information systems, programming languages, hands-on computer problem solving experiences using word processing, spreadsheet, database mgmt. presentation graphics and communication.
<b>*HFA 108</b> – Introduction to Film Appreciation (IAI: F2908) (3 credits)	A college transfer course; consult the Transfer Center for more details. A survey of film as an art form, emphasizing the elements of visual storytelling, aesthetics, differences among genres, and criticism. Examines techniques such as pictorial composition, movement, sound, lighting, editing, mise-enscene, form and narrative. Also offered as Honors. F,S.
<b>*HFA 201</b> – General Humanities I (IAI: HF902) (3 credits)	An introductory course which explores cultures attempts to understand humans and their world through important works of art, literature, music, philosophy and religion. The focus is upon key cultural concepts expressed through various creative forms from ancient times through the Renaissance era. No previous knowledge of art or music is required. Also offered as Honors.
<b>*HFA 202</b> General Humanities (IAI: HF902) (3 Credits)	An introductory course which explores cultures attempts to understand humans and their world through important works of art, literature, music, philosophy and religion. The focus is upon key cultural concepts expressed through various creative forms from the seventeenth century to the contemporary world. No previous knowledge of art or music required. HFA 201 is not a Prerequisite. Also offered as Honors.
<b>*GLG 101</b> (4 credits) Physical Geology	An introduction to the dynamic processes of the earth for the non-science as well as science major. Emphasis is placed on integrating basic Earth Science concepts with the excitement of modern geology. Laboratory included.
<b>*HIS 203</b> Early American History (IAI: S2900) (3 credits)	Survey of American History-Discovery through Civil War.

**More course descriptions can be found at:** <http://www.ssc.edu/admissions-registration/schedules/>

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<p><b>*HIS 204</b> Later American History (IAI: S2901) (3 credits)</p>	<p>Survey of American History-Reconstruction to present.</p>
<p><b>*BUS 108</b> Introduction to Business (consult transferology.com) (3 credits)</p>	<p>This is a basic course designed to give the student a background of the principles, policies, problems and functions to aid the student in understanding business concepts. Business is viewed as a total system with an orientation to the general relationships which exist among the various subsystems. These subsystems are viewed as economics, types of ownership, organization, management, finance, marketing, personnel, controls, legal and regulatory laws.</p>
<p><b>BIO 102</b> Introductory Biology (IAI: L1900L) (4 credits) <i>Prerequisite: qualifying score on Placement test</i></p>	<p>Introduction to the concepts of biology, including cells, energetics, genetics, evolution, and ecology, with an emphasis on human applications. A lab science course for students applying to allied health science programs and ADN programs to complete the Prerequisite for Biology 185. This course is also designed to complete the Group V (Physical &amp; Life Sciences) requirements. Laboratory included. Fee.</p>
<p><b>ENG 101</b> Composition and Rhetoric (IAI: C1900) (3 Credits) <i>Prerequisite: Qualifying score on the Placement test (ACT ENG/RDG 20)</i></p>	<p>Theory, practice of narrative, descriptive, expository, and argumentative writing. Thematic/rhetorical method. Sentence development, paragraphs, compositions, diction, mechanics, analysis, interpretation of prose models.</p>
<p><b>SPE 108</b> Oral Communication (IAI: C2900) (3 Credits) <i>Prerequisite: Qualifying score on the Placement test</i></p>	<p>Combines communication theory with the practice of oral communication skills. Develops awareness of the communication process and models. Provides basic principles of speech composition and delivery, including organizational and expressive strategies. Promotes the understanding and adaptation of communication contexts. Emphasizes critical skills in listening, reading, thinking, and writing. At least three major speeches required, including informative and persuasive styles.</p>
<p><b>MTH 115 – General Education</b> (IAI: MI904) A college transfer course (3 credits) <i>Prerequisite: Qualifying score on the Placement test (ACT 21-22)</i></p>	<p>This course is for non-science majors, and is designed to provide a strong background and appreciation for advanced mathematics. Four of the following topics (geometry, counting techniques and probability, graph theory, logic/set theory, mathematics of finance, game theory, linear programming, and statistics) will be studied in depth. Problem solving skills will be developed; a scientific calculator will be required. This course is available online!</p>
<p><b>MTH 165 College Algebra</b> A college transfer course (4 credits) <i>Prerequisite: Qualifying score on the Placement test (ACT 23)</i></p>	<p>This course emphasizes a graphical approach to college algebra. Topics include linear, polynomial, rational, exponential and logarithmic functions; systems of equations and inequalities; and matrices. Applications and data analysis will be emphasized. Graphing calculator required, TI-83 or 84 preferred.</p>
<p><b>MTH 169 - Precalculus</b> (5 credits) <i>Prerequisite: Qualifying score on the Placement test or MTH 165 with a grade of "C" or above (ACT 24+)</i></p>	<p>An intensive course designed to prepare students for calculus. Topics include a review of function theory; trigonometry; conic sections; sequences and series; parametric equations; introduction to limits. Graphing calculator required, TI-83 or 84 preferred.</p>

Academic Area	ACT Subject Score	+	High School Requirement	=	SSC Placement
Reading	20			=	No Reading Required
English	20			=	ENG 101
Math	19-20	+	Passing grades in Algebra I & Geometry	=	MTH 097 or MTH 100
	21-22	+	Grades of "C" or above in Algebra II	=	MTH 115 or MTH 126
	23 or above	+	Grades of "C" or above in Algebra II	=	MTH 145 or MTH 165

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