



Indiana College Core Competencies Ivy Tech Community College



SWITZERLAND COUNTY HIGH SCHOOL

Ivy Tech Community College Courses

Fulfilling Indiana College Core Competencies (Effective 2021 - 2022)

All courses are appropriate for STEM programs unless otherwise noted.



Ivy Tech Community College's Indiana College Core (formerly known as the STGEC) prepares students for transfer to the baccalaureate-degree granting state institution of their choice. If at least 30 credits are accumulated and the Indiana College Core requirements are met, it is state-mandated that the entire block of 30 college credits will transfer to any public university in Indiana. This 30-credit hour block of courses is equal to a full year of college coursework. Students who complete these requirements will have met the requirements for the Indiana College Core Certificate and will have this noted on their transcript.

As stated by the Indiana Commission for Higher Education (ICHE), the Indiana College Core was established in 2012 as SEA 182. It is a collection of courses that are based upon a set of competencies in the areas of Foundational Intellectual Skills and Ways of Knowing.

For more information, please visit: http://www.in.gov/che/files/STGEC_BW_Binder_Final_5.19.15.pdf

QUANTITATIVE REASONING

3-12 CREDITS

MATH 123 Quantitative Reasoning (not a STEM selection)	DOE# 2550 Quantitative Reasoning
MATH 135 Finite Math* (not a STEM selection)	DOE# 2530 Finite Mathematics
MATH 136 College Algebra*	DOE# 2564 Pre-Calculus
MATH 137 Trig with Analytic Geometry*	DOE# 2566 Trigonometry
MATH 201 Brief Calculus*	DOE# 2544 Advanced Math, College Credit
MATH 211 Calculus I*	DOE# 2562 Calculus AB, AP or DOE# 2527 Calculus
MATH 212 Calculus II*	DOE# 2544 Advanced Math, College Credit

SOCIAL AND BEHAVIORAL WAYS OF KNOWING

3-12 CREDITS

ECON 101 Economics Fundamentals*	DOE# 1514 Economics Advanced/Honors
ECON 201 Principles of Economics*	DOE# 1574 Advanced Social Sciences, College credit or DOE# 1564 Macroeconomics, AP
HIST 101 Survey of American History I*	DOE# 1562 US History, AP or DOE# 1542 US History, Advanced/Honors
ECON 202 Principles of Microeconomics*	DOE# 1574 Advanced Social Science, College credit or DOE # 1566 Microeconomics, AP
HIST 102 Survey of American History II*	DOE# 1562 US History, AP or DOE# 1542 US History, Advanced/Honors
POLS 101 Intro to American Government & Politics*	DOE# 1560 US Government & Politics, AP or DOE# 1540 US Government Advanced/Honors
POLS 211 Introduction to World Politics*	DOE# 1552 Comparative Government and Politics, AP
PSYC 101 Introduction to Psychology*	DOE# 1558 Psychology, AP or DOE# 1532 Psychology Advanced Honors
PSYC 253 Intro to Social Psychology	DOE# 1534 Sociology
SOCI 111 Introduction to Sociology*	DOE# 1534 Sociology
SOCI 252 Social Problems*	DOE# 1574 Advanced Social Sciences

HUMANISTIC AND ARTISTIC WAYS OF KNOWING

3-12 CREDITS

ARTH 101 Survey of Art & Culture*	DOE# 4025 Art History, AP
ARTH 102 Survey of Art and Culture II*	DOE# 4260 Advanced Fine Arts
ARTH 110 Art Appreciation*	DOE# 4024 Art History or DOE# 4020 Advanced Art History
ENGL 202 Creative Writing*	DOE# 1124 Advanced English/Language Arts
ENGL 206 Introduction to Literature*	DOE# 1124 Advanced English/Language Arts, College Credit
ENGL 220 Introduction to World Literature*	DOE# 1124 Advanced English/Language Arts
ENGL 221 Intro to World Lit After the Renaissance*	DOE# 1124 Advanced English/Language Arts
ENGL 222 American Literature to 1865*	DOE# 1124 Advanced English/Language Arts
ENGL 223 American Literature After 1865*	DOE# 1124 Advanced English/Language Arts

FREN 101 French Level I*	DOE# 2024 French III
FREN 102 French Level II*	DOE# 2024 French III
FREN 201 French Level III*	DOE# 2026 French IV or DOE# 2032 French Language, AP
FREN 202 French Level IV*	DOE# 2026 French IV or DOE# 2032 French Language, AP
GERM 101 German Level I*	DOE# 2044 German III
GERM 102 German Level II*	DOE# 2044 German III
GERM 201 German Level III*	DOE# 2046 German IV or #2052 AP German Language
GERM 202 German Level IV*	DOE# 2046 German IV or #2052 AP German Language
HUMA 100 Theatre Appreciation*	DOE# 4260 Advanced Fine Arts
HUMA 118 Music Appreciation*	DOE# 4260 Advanced Fine Arts
PHIL 101 Introduction to Philosophy*	DOE# 1574 Advanced Social Sciences
PHIL 102 Introduction to Ethics*	DOE# 1574 Advanced Social Sciences
PHIL 220 Philosophy of Religion*	DOE# 1574 Advanced Social Sciences
SPAN 101 Spanish Level I*	DOE# 2124 Spanish III
SPAN 102 Spanish Level II*	DOE# 2124 Spanish III
SPAN 201 Spanish Level III*	DOE# 2126 Spanish IV or DOE# 2132 Spanish Language, AP
SPAN 202 Spanish Level IV*	DOE# 2126 Spanish IV or DOE# 2132 Spanish Language, AP

SCIENTIFIC WAYS OF KNOWING

3-12 CREDITS

ASTR 101 Solar System Astronomy*	DOE# 3090 Advanced Science
BIOL 100 Human Biology*	DOE# 3090 Advanced Science
BIOL 101 Introductory Biology*	DOE# 3026 Biology II
BIOL 105 Biology I*	DOE# 3020 Biology, AP
BIOL 107 Biology II*	DOE# 3090 Advanced Science
CHEM 101 Introductory Chemistry*	DOE# 3066 Chemistry II or DOE# 3090 Advanced Science, College Credit
CHEM 105 General Chemistry I*	DOE# 3060 Chemistry, AP
CHEM 106 General Chemistry II*	DOE# 3090 Advanced Science
PHYS 101 Physics I*	DOE# 3080 Physics I: Algebra-based, AP
PHYS 102 Physics II*	DOE# 3081 Physics II: Algebra-based, AP
PHYS 220 Mechanics*	DOE# 3088 Physics C, AP (L)
PHYS 221 Heat, Electricity, & Optics	DOE# 3088 Physics C, AP (L)
SCIN 100 Earth Science*	DOE# 3046 Earth and Space Science II (L)
SCIN 111 Physical Science*	DOE# 3086 Physics II

WRITTEN COMMUNICATION

3 CREDITS

ENGL 111 English Composition*	DOE# 1006 English 11 Advanced/Honors or DOE# 1008 English 12 Advanced/Honors
ENGL 215 Rhetoric and Argument*	DOE# 1008 English 12 or #1098 Advanced Comp

SPEAKING AND LISTENING

3-6 CREDITS

COMM 101 Fundamentals of Public Speaking*	DOE# 1078 Advanced Speech & Communication
COMM 102 Intro to Interpersonal Communication	DOE# 1078 Advanced Speech & Communication (2 nd semester of full yr course)

TOTAL TRANSFER GENERAL EDUCATION CORE

30 MINIMUM CREDITS

*Denotes Indiana Core Transfer Library Course

Dual Credit Courses for Switzerland County High School – 2020 - 2021

Notes: