

Integrative Learning

SCED	Course Name	SCED Course Identifier Description	SCED Description
25001	Seminar	Seminar	Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.
25002C0.5011 B	IB Extended Essay	IB Extended Essay	Obligatory for every International Baccalaureate degree candidate, IB Extended Essay aims to help students develop an independent, self-directed piece of research, culminating in a 4,000-word paper. These courses provide students with practical preparation for later research and help build their analysis, synthesis, and evaluation skills. This course is obligatory for every international Baccalaureate degree candidate prior to earning an IB diploma regardless of IB specialization.

25003C0.5011 F	AP Seminar	AP Seminar	<p>Designed by the College Board to parallel college-level courses in critical thinking and communications, AP Seminar courses provide students with the opportunity to explore complex real world issues through cross-curricular lenses. Course topics vary and may include local, civic, or global issues and interdisciplinary subject areas. Courses typically emphasize research, communication, and critical-thinking skills to explore the issues addressed. Students may also examine source materials such as articles and other texts; speeches and personal accounts; and relevant artistic and literary works. As this course is designed by College Board, it can be taken simultaneously with any AP course in any content area and used as a support class to the given AP course. Can be taken one semester as 0.5 credits or both semesters to total 1.0 credit as appropriately corresponds to the AP course associated with this class. If taken both semesters, content material must follow the AP track designed by College Board and new material must be taught each semester to earn the 1.0 credit.</p>
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25004C0.5011 B	AP Research	AP Research	Designed by the College Board to parallel college-level courses in independent research, AP Research courses provide students with the opportunity to conduct an in-depth, mentored research project. Course topics include research methods, ethical research practices, and accessing, analyzing, and synthesizing information to address a research question. Courses culminate with an academic thesis paper and an oral defense of the research design, approach, and findings. As this course is designed by the College Board, it can be taken simultaneously with any AP course in any content area and used as a support class to the given AP course. Heavy focus on research and research methods.
25051G1.0011 F	Data Literacy	Data Literacy	Data Literacy courses focus on developing students' ability to read, interpret, and analyze data. These courses teach students how to assess the reliability and validity of data, as well as to understand data to draw conclusions and explain the results, such as through summary statistics or data visualization.
25052C1.0012 B	Data Science	Data Science	Data Science courses prepare students to think critically about data and develop the tools, techniques, and principles for reasoning about the world with data. These courses teach students to use scientific methods, data sampling and probability, algorithms, and systems to analyze structured and unstructured data. Students will use modern data analysis tools, including computer programming languages. Course topics may include big data, data cleaning, data modeling, data mining, artificial

			intelligence, correlation and causation, and bias and uncertainty.
25053C1.0022 B	Data Science Applications	Data Science Applications	Data Science Applications courses emphasize the practical uses of data science concepts and the transformation of data to knowledge. Students will explore real-world datasets and answer questions using hands-on analysis, project-based learning, and programming software.
25993G0.5012 F	Integrative Learning—School-based Enterprise	Integrative Learning—School-based Enterprise	Integrative Learning—School-based Enterprise courses provide students the opportunity to learn about and manage an entrepreneurial operation related to integrative learning within a school setting. Students will develop interpersonal and professional skills. Topics may include operations, product services management, pricing, distribution, and marketing.
25994G0.5022 B	Integrative Learning—Career Project-based Learning	Integrative Learning—Career Project-based Learning	Integrative Learning—Career Project-based Learning courses provide students with an introduction to careers related to integrative learning. Students will work in cooperation with local businesses, community organizations, or non-profit agencies to explore and solve real-world problems that could arise in the workplace. These courses occur in a classroom setting and typically do not include work in the field.
25995G0.5011 B	Integrative Learning—Aide	Integrative Learning—Aide	Integrative Learning—Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula. Students may provide tutorial or instructional assistance to other students.

25997G0.5011 B	Integrative Learning—Independent Study	Integrative Learning—Independent Study	Integrative Learning—Independent Study courses, often conducted with instructors as mentors, enable students to explore topics of interest within integrative learning. Independent Study courses may provide students with an opportunity to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills.
25997G0.5011 B	Integrative Learning—Workplace Experience	Integrative Learning—Workplace Experience	Integrative Learning—Workplace Experience courses provide students with work experience in a field related to integrative learning. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.
25997G0.5011 B	Integrative Learning—Other	Integrative Learning—Other	Other Integrative Learning courses.