2019-2020 Cattaraugus-Allegany BOCES Online Course Catalog

<http://www.caboces.org/iss/distance-learning/online-courses>

To register your student, fill out the [online student registration form](https://forms.office.com/Pages/ResponsePage.aspx?id=3zGMjv9HyESlkkuYX374-uc6VQl1WRJIhVZ4i7Ua3PNUNTdSTkRUOU42OFJWVDdXWU0wS0ZNRTFUTiQlQCN0PWcu) and the downloadable [student contract.](http://www.caboces.org/sites/default/files/Online/Student%20Contract%202016(1).pdf)

Table of Contents

[1 Table of Contents 1](#_Toc6399366)

[2 AP Courses 2](#_Toc6399367)

[3 Art, Visual Arts, & Music 2](#_Toc6399368)

[4 Career & Business 2](#_Toc6399369)

[5 Digital Arts Electives 3](#_Toc6399370)

[6 English 3](#_Toc6399371)

[7 Foreign Language 3](#_Toc6399372)

[8 Health & Physical Education 4](#_Toc6399373)

[9 Life Skills 4](#_Toc6399374)

[10 Math 5](#_Toc6399375)

[11 Science 5](#_Toc6399376)

[12 Social Studies 5](#_Toc6399377)

[13 Computer Science, Engineering, & Technology 6](#_Toc6399378)

# AP Courses

[Biology](https://www.k12.com/high-school-courses.html#high-school/course-details2/5b577a3857613b08cae10003/)

[Calculus AB](https://www.k12.com/high-school-courses.html#high-school/course-details2/5b577168b809da2a85d7ac1a/)

[Calculus BC](https://www.k12.com/high-school-courses.html#high-school/course-details2/5b577a7284f2882a8d8b444e/)

[Chemistry](https://www.k12.com/high-school-courses.html#high-school/course-details2/5b577a7284f2882a8d8b444e/)

[Computer Science](https://www.flvs.net/flex/courses?source=HSLanding-English#highschool/12)

[English Language and Composition](https://www.edgenuity.com/Syllabi/AP/AP_English_Literature_and_Composition_LA5183_Syllabus.pdf)

[English Literature and Composition](https://www.edgenuity.com/Syllabi/AP/AP_English_Literature_and_Composition_LA5183_Syllabus.pdf)

[Environmental Science](https://www.flvs.net/flex/courses?source=HSLanding-English#highschool/762)

[French Language and Culture](https://www.edgenuity.com/Syllabi/AP/AP_French_Syllabus.pdf)

[Macroeconomics](https://www.flvs.net/flex/courses?source=HSLanding-English#highschool/16)

[Microeconomics](https://www.flvs.net/flex/courses?source=HSLanding-English#highschool/17)

[Psychology](https://www.flvs.net/flex/courses?source=HSLanding-English#highschool/1178)

[Spanish Language and Culture](https://www.edgenuity.com/Syllabi/AP/AP_Spanish_Syllabus.pdf)

[Statistics](https://www.fueleducation.com/curriculum/find-a-course/ap_statistics.html)

[United State Government and Politics](https://www.flvs.net/flex/courses?source=HSLanding-English#highschool/7)

[United States History](https://www.flvs.net/flex/courses?source=HSLanding-English#highschool/8)

# Art, Visual Arts, & Music

[Art History](https://www.edgenuity.com/Syllabi/electives/Syllabus-Art-History-EL4002.pdf) \*

[Art in World Cultures\*](https://curriculum.kcdistancelearning.com/courses/GLOBALDOCs-HS-K16/s/syllabus/ARTCULTs-HS-E14.docx)

[Introduction to Art](https://www.edgenuity.com/Syllabi/electives/Syllabus-Introduction-to-Art-EL1086.pdf)\*

[Fashion and Interior Design](https://www.edgenuity.com/Syllabi/edynamics/EDL033-Syllabus_Fashion_and_Interior_Design.pdf)\*

[Fine Art\*](https://www.k12.com/high-school-courses.html#high-school/course-details2/5b5891a45a87790cc7ad6b0e/)

[Music Appreciation\*](https://www.edgenuity.com/Syllabi/edynamics/EDL023-Syllabus_Music_Appreciation.pdf)

# Career & Business

[Advertising and Sales Promotion](https://www.edgenuity.com/Syllabi/edynamics/EDL064-Syllabus_Advertising_and_Sales_Promotion.pdf)\*

[Agriscience](https://www.edgenuity.com/Syllabi/edynamics/EDL044-Syllabus_Agriscience_I.pdf)

[Career Exploration\*](https://www.edgenuity.com/Syllabi/career/Syllabus_Career_Explorations.pdf)

[Careers in Criminal Justice](https://www.edgenuity.com/Syllabi/edynamics/EDL045-Syllabus_Careers_in_Criminal_Justice.pdf)\*

[Career Planning and Development](https://www.edgenuity.com/Syllabi/career/Syllabus_Career_Planning_Development_EL4222.pdf)\*

[Cosmetology](https://www.edgenuity.com/Syllabi/edynamics/EDL046-Syllabus_Cosmetology.pdf)\*

[Early Childhood Education](https://www.edgenuity.com/Syllabi/edynamics/EDL042-Syllabus_Early_Childhood_Education.pdf)\*

[Forestry and Natural Resources](https://www.edgenuity.com/Syllabi/edynamics/EDL069-Syllabus_Forestry_and_Natural_Resources.pdf)\*

[General Accounting](https://www.fueleducation.com/curriculum/find-a-course/general_accountingi.html)

[Health Science Concepts](https://www.edgenuity.com/Syllabi/career/Syllabus_Health_Science_Concepts.pdf)

[Hospitality and Tourism](https://www.edgenuity.com/Syllabi/edynamics/EDL027-Syllabus_Hospitality_and_Tourism.pdf)\*

[International Business](https://www.edgenuity.com/Syllabi/edynamics/EDL030-Syllabus_International_Business.pdf)

[Introduction to Culinary Arts](https://www.edgenuity.com/Syllabi/edynamics/EDL035-Syllabus_Culinary_Arts.pdf)\*

[Introduction to Entrepreneurship](https://www.edgenuity.com/Syllabi/career/Syllabus_Introduction_Entrepreneurship_I.pdf)\*

[Introduction to Health Science](https://www.edgenuity.com/Syllabi/career/Syllabus_Introduction_Health_Science.pdf)

[Introduction to Military Careers](https://www.edgenuity.com/Syllabi/edynamics/EDL068-Syllabus_Military_Careers.pdf)\*

[Medical Terminology](https://www.edgenuity.com/Syllabi/career/EL3620-Medical-Terminology-SYLLABUS.pdf)\*

[Microsoft Office Specialist](https://www.edgenuity.com/Syllabi/career/EL3502-Microsoft-Office-Specialist-SYLLABUS.pdf)\*

[Personal Finance](https://www.fueleducation.com/curriculum/find-a-course/personal_finance.html)

[Principles of Public Service: To Serve and Protect](https://www.edgenuity.com/Syllabi/edynamics/EDL058-Syllabus_Principles_of_Public_Service.pdf)\*

[Principles of Agriculture, Food, and Natural Resources](https://www.edgenuity.com/Syllabi/edynamics/EDL070-Syllabus_Principles_of_Agriculture_Food_and_Natural_Resources.pdf)

[Sports and Entertainment Marketing](https://www.edgenuity.com/Syllabi/edynamics/EDL034-Syllabus_Sports_and_Entertainment_Marketing.pdf)\*

[Veterinary Science](https://docs.google.com/document/d/1IxH6903tlNC1_nGKRXTAkVKHiJjLjhYYCktcXC7rNvU/edit?usp=sharing)\*

# Digital Arts Electives

2D Animation\*

[3D Animation\*](https://www.k12.com/high-school-courses.html#high-school/course-details2/5c1275a668fda2085970d281/)

[Animation](https://drive.google.com/file/d/1dsbKdzu9HMm9cwt3pzgIgsN-hH5RRGul/view?usp=sharing)\*

[Digital Arts](https://www.edgenuity.com/Syllabi/career/Syllabus_Digital_Arts_I.pdf)\*

[Digital Photography](https://drive.google.com/file/d/1dqIeUgdBla4oByhVfyPHGTjmwXTO0ccT/view?usp=sharing)\*

[Game Design I](https://www.k12.com/high-school-courses.html#high-school/course-details2/5b588a9f7667150c0b6840c2/)

[Game Design II](https://www.k12.com/high-school-courses.html#high-school/course-details2/5c1274e4553b26085af687ae/)

# English

[Creative Writing](https://docs.google.com/document/d/16FPGoKs6o8ZX7mKamOGS0hMSa8vupe0FYdVSakhiGdI/edit?usp=sharing)\*

[Dystopian Literature\*](https://drive.google.com/file/d/1ZpIsdmnAHd96lBBJN8dZZ138t8NQuGA3/view?usp=sharing)

[English Language Arts 9th](https://www.edgenuity.com/Syllabi/Edgenuity_Syllabus_Common_Core_English_9.pdf)

[English Language Arts 10th](https://www.edgenuity.com/Syllabi/Common-Core-English-Language-Arts-10-IC-ELA3010-Syllabus.pdf)

[English Language Arts 11th](https://www.edgenuity.com/Syllabi/Edgenuity_Syllabus_Common_Core_English_11.pdf)

[English Language Arts 12th](https://www.edgenuity.com/Syllabi/english/ELA_12_ELA3012_Syllabus.pdf)

[Expository Reading and Writing](https://www.edgenuity.com/Syllabi/english/Expository-Reading-and-Writing-ELA3013-SYLLABUS.pdf)

[IDEA Writing](https://www.edgenuity.com/Syllabi/english/Syllabus-IDEAWritingELA3004.pdf)\*

[Introduction to Communications and Speech](https://www.edgenuity.com/Syllabi/english/Syllabus-IntroductiontoCommunicationsandSpeechLA1027.pdf)\*

[Gothic Literature: Monster Stories\*](https://www.edgenuity.com/Syllabi/edynamics/EDL015-Syllabus_Gothic_Literature.pdf)

[Journalism](https://www.edgenuity.com/Syllabi/edynamics/EDL060-Syllabus_Journalism.pdf)\*

[Literacy and Comprehension I](https://www.edgenuity.com/Syllabi/english/Literacy_and_Comprehension_I.pdf)

[Literacy and Comprehension II](https://www.edgenuity.com/Syllabi/english/Syllabus-LiteracyandComprehensionIILA1096.pdf)

[Public Speaking](https://www.edgenuity.com/Syllabi/edynamics/EDL037-Syllabus_Public_Speaking.pdf)\*

# Foreign Language

[Arabic 1](https://drive.google.com/open?id=1bE-hJfNZVWcpeplrvfRreXuUQM1tAoRx)

[Arabic 2](https://drive.google.com/file/d/1FpHj9jAJFu_PXBXWTaVme67l20XMD1b9/view?usp=sharing)

[Arabic 3](https://drive.google.com/open?id=1-UZbLWW2VQ46D2GF5ads1nPdeffVsqGw)

[French 1](https://drive.google.com/open?id=18Mlo9V8RH8ir4faTWShydiK-Xx2C5twP)

[French 2](https://drive.google.com/open?id=1fhYH7CeEhSlIouU4zFQXdfcrFeC45oIm)

[French 3](https://drive.google.com/open?id=1KmJFhKVTfnv_TgRiaq_i9G9u0ygp9uqC)

[German 1](https://drive.google.com/open?id=1mWpZ0F2hbw3LcSeX2mMSUIH99AwgsHLi)

[German 2](https://drive.google.com/file/d/1ADQ9S5GvmgH77cB3jkMT1OF9INmDG6pp/view?usp=sharing)

[German  3](https://drive.google.com/file/d/16zLVvESB23Zg5wObVYYDucaQmi73tS4Y/view?usp=sharing)

[Latin 1](https://drive.google.com/file/d/1bsxu0kQ0tzEOZ3bSPRRnLk0V9CSfo_bC/view?usp=sharing)

[Latin 2](https://drive.google.com/file/d/1lZo7jyn1HFiRsVgS9HYueNWnEp36e5iz/view?usp=sharing)

[Mandarin 1](https://drive.google.com/file/d/11Re9dvXl6ZsQyFk8HJxcFTmobwmgl0Nv/view?usp=sharing)

[Mandarin 2](https://drive.google.com/file/d/1YSQpf4Xjfh8ExR266io-wpOlXZTxQUjb/view?usp=sharing)

[Mandarin 3](https://drive.google.com/file/d/1M1Q30DjZHoZImN3eHGvQ5DB4HnIKDjcH/view?usp=sharing)

[Spanish 1](https://drive.google.com/file/d/11Re9dvXl6ZsQyFk8HJxcFTmobwmgl0Nv/view?usp=sharing)

[Spanish 2](https://drive.google.com/file/d/1geuYTmS40JNA6905pccm9CNdv7Nqt31f/view?usp=sharing)

[Spanish 3](https://drive.google.com/file/d/1kdK38oNgfh4T-l9ZxMvacdgTX-kaJ1FK/view?usp=sharing)

Spanish 4

# Health & Physical Education

[Contemporary Health\*](https://www.edgenuity.com/Syllabi/electives/Syllabus-Contemporary-Health-semester.pdf)

[Exercise Science\*](https://docs.google.com/document/d/1MsoyDG-BQjWFrTWqIWBYKUlhQAsfenDnx-MK2kVWoQk/edit?usp=sharing)

[First Aid & Safety\*](https://docs.google.com/document/d/1aIErbmb2gWKJ_KAEMMS9qNpJjYSNF0DUA3qDrWzOcJg/edit?usp=sharing)

[Fitness Fundamentals\*](https://docs.google.com/document/d/1IPwVGxl-fy7x_VOFayoqJd66gBoVNUW9M-78wyQZSvQ/edit?usp=sharing)

[Flexibility Training\*](https://docs.google.com/document/d/1aYOxzOqctHspzvN-WGGBbJyk1CO7FgCtCOP_ITt9TeU/edit?usp=sharing)

[Group Sports\*](https://docs.google.com/document/d/1gY0dN4nJ0gO1AWt3Gl-MH5v-20B1qrZ8NNWoNZ3eTnQ/edit?usp=sharing)

[Individual Sports\*](https://docs.google.com/document/d/1GU0C4VY_GBM9y5A_hIFAfnYDBLe_eCoiMn9nwS37xB0/edit?usp=sharing)

[Intro to Coaching\*](https://docs.google.com/document/d/1nY8ba1iesRxBJn7CDU8RQWROX9Ty9kDcfAzWNaYtafA/edit?usp=sharing)

[Lifetime Fitness](https://www.edgenuity.com/Syllabi/electives/Syllabus-Lifetime-Fitness-EL2083.pdf)\*

[Outdoor Sports\*](https://docs.google.com/document/d/1sG8I-qhCwm1q7MZmjRoWo_9ns8ma_K2U2rnrJGEXuHo/edit?usp=sharing)

[Personal Health and Fitness\*](https://docs.google.com/document/d/1gdX8BIZ2dk9X_xioaPIdo-gW5ORhBqvceq5YjfBAalk/edit?usp=sharing)

[Personal Training Concepts\*](https://docs.google.com/document/d/1JlH-W1vJiMKwVT0dDb4idk6emuxsoA4U_qcp9gmv8WY/edit?usp=sharing)

[Sports Officiating\*](https://docs.google.com/document/d/1j0Yeq848ioLhf4uU2KTWzdizV3Z3vNXXeOl7Oh2zYp0/edit?usp=sharing)

[Walking Fitness\*](https://docs.google.com/document/d/1emYUrIpBVnq0aZANG_KlXZsfhUDhyIbjGdyfRrdPWaw/edit?usp=sharing)

# Life Skills

[Introduction to Social Media](https://www.edgenuity.com/Syllabi/edynamics/EDL059-Syllabus_Intro_Social_Media.pdf)\*

[Family and Consumer Science\*](http://aventalearning.com/sites/aventalearning.com/files/docs/course_descriptions/FAMCONSCIs-HS-U11.pdf)

[Life Skills \*](https://curriculum.kcdistancelearning.com/courses/GLOBALDOCs-HS-K16/s/syllabus/LIFESKs-HS-A04.docx)

[Nutrition and Wellness\*](https://www.edgenuity.com/Syllabi/edynamics/EDL065-Syllabus_Nutrition_and_Wellness.pdf)

[Peer Counseling\*](https://www.edgenuity.com/Syllabi/edynamics/EDL043-Syllabus_Peer_Counseling.pdf)

[Personal Finance\*](https://www.fueleducation.com/curriculum/find-a-course/personal_finance.html)

[Reaching Your Academic Potential](https://www.fueleducation.com/curriculum/find-a-course/reaching_your_academicpotential.html)\*

[Real World Parenting\*](https://www.fueleducation.com/curriculum/find-a-course/real_world_parenting.html)

[Online Learning and Digital Citizenship\*](https://www.edgenuity.com/Syllabi/career/Online-Learning-Digital-Citizenship.pdf)

# Math

[Pre-Algebra](https://www.edgenuity.com/Syllabi/math/MA3119-Pre-Algebra-Syllabus.pdf)

[Algebra I](https://www.edgenuity.com/Syllabi/math/Syllabus-Algebra-I-MA2003.pdf)

[Geometry](https://www.edgenuity.com/Syllabi/math/Geometry_MA3110_Syllabus.pdf)

[Algebra II](https://www.edgenuity.com/Syllabi/math/MA3111_Algebra_II_Syllabus.pdf)

[Precalculus](https://www.edgenuity.com/Syllabi/Common_Core_Pre-Calculus_Syllabus.pdf)

[Mathematics I](https://www.edgenuity.com/Syllabi/Common_Core_Math_I_Syllabus.pdf)

[Mathematics II](https://www.edgenuity.com/Syllabi/Common_Core_Math_II_Syllabus.pdf)

[Mathematics III](https://www.edgenuity.com/Syllabi/Common_Core_Math_III_Syllabus.pdf)

[Concepts in Probability and Statistics](https://www.edgenuity.com/Syllabi/math/Concepts_in_Probability_and_Statistics_MA3120_Syllabus.pdf)

[Financial Math](https://www.edgenuity.com/Syllabi/math/Syllabus-Financial-Math-MA2007.pdf)

[Mathematical Models with Applications](https://www.edgenuity.com/Syllabi/math/Math-Models-with-Applications-MA4072.pdf)

[Personal Finance\*](https://www.fueleducation.com/curriculum/find-a-course/personal_finance.html)

[Practical Math](https://www.fueleducation.com/curriculum/find-a-course/practical_math_core.html)

[Trigonometry\*](https://www.edgenuity.com/Syllabi/math/Trigonometry-MA1403-Syllabus.pdf)

# Science

[NGSS Life Science](https://www.edgenuity.com/Syllabi/science/NGSS-Life-Science-Syllabus.pdf)

[NGSS Earth Science](https://www.edgenuity.com/Syllabi/science/NGSS-Earth-Science-Syllabus.pdf)

[NGSS Physical Science](https://www.edgenuity.com/Syllabi/science/NGSS-Physical-Science-Syllabus.pdf)

[NGSS Biology](https://www.edgenuity.com/Syllabi/science/NGSS-Biology-Syllabus.pdf)

[NGSS Chemistry](https://www.edgenuity.com/Syllabi/science/NGSS-Chemistry-Syllabus.pdf)

[NGSS Physics](https://www.edgenuity.com/Syllabi/science/NGSS-Physics-Syllabus.pdf)

[Anatomy and Physiology](https://curriculum.kcdistancelearning.com/courses/GLOBALDOCs-HS-K16/s/syllabus/ANAPHYS1s-HS-C16.docx)

[Astronomy](https://www.edgenuity.com/Syllabi/edynamics/EDL028-Syllabus_Astronomy.pdf)\*

[Biotechnology\*](https://www.edgenuity.com/Syllabi/edynamics/EDL052-Syllabus_Biotechnology.pdf)

[Environmental Science](https://www.edgenuity.com/Syllabi/science/Syllabus-Environmental-Science-SC2028.pdf)

[Forensics Science](https://www.edgenuity.com/Syllabi/edynamics/EDL011-Syllabus_Forensic_Science_I.pdf)

[Great Minds in Science\*](https://www.edgenuity.com/Syllabi/edynamics/EDL013-Syllabus_Great_Minds_in_Science.pdf)

[Marine Science](https://www.edgenuity.com/Syllabi/edynamics/EDL073-Syllabus_Marine_Science.pdf) \*

# Social Studies

[Survey of World History](https://www.edgenuity.com/Syllabi/social/SS3310_Survey_of_World_History_Syllabus.pdf)

[Modern World History](https://www.edgenuity.com/Syllabi/social/Modern-World-History-2014-SS3316-IC-SYLLABUS.pdf)

[U.S. History I](https://www.edgenuity.com/Syllabi/social/SS3308_US_History_I_Syllabus.pdf)

[U.S. History I](https://www.edgenuity.com/Syllabi/social/SS3311_US_History_II_Syllabus.pdf)I

[Survey of US History](https://www.edgenuity.com/Syllabi/social/SS3313_Survey_of_US_History_Syllabus.pdf)

[U.S. Government](https://www.edgenuity.com/Syllabi/social/Syllabus-US-Government-SS3315.pdf)\*

[Economics](https://www.edgenuity.com/Syllabi/social/Syllabus-Economics-SS1111.pdf)\*

[African American History](https://www.edgenuity.com/Syllabi/edynamics/EDL075-Syllabus_African_American_History.pdf)\*

[Anthropology](https://www.edgenuity.com/Syllabi/edynamics/EDL004-Syllabus_Anthropology_I.pdf)

[Archaeology](https://www.edgenuity.com/Syllabi/edynamics/Syllabus_Archaeology.pdf)

[Criminology](https://www.edgenuity.com/Syllabi/edynamics/EDL008-Syllabus_Criminology.pdf)\*

[Introduction to Social Media](https://www.edgenuity.com/Syllabi/edynamics/EDL059-Syllabus_Intro_Social_Media.pdf)\*

[Human Geography](https://www.edgenuity.com/Syllabi/social/Syllabus-Human-Geography-SS2045.pdf)\*

[History of the Holocaust](https://www.edgenuity.com/Syllabi/edynamics/EDL036-Syllabus_History_of_the_Holocaust.pdf)\*

[Law and Order: Introduction to Legal Studies](https://www.edgenuity.com/Syllabi/edynamics/EDL003-Syllabus_Law_and_Order.pdf)\*

[Mythology and Folklore](https://www.edgenuity.com/Syllabi/edynamics/EDL026-Syllabus_Mythology_and_Folklore.pdf)\*

[Psychology](https://www.edgenuity.com/Syllabi/electives/Syllabus-Psychology-EL2084.pdf)

[Philosophy](https://www.edgenuity.com/Syllabi/edynamics/EDL009-Syllabus_Philosophy.pdf)\*

[Social Problems](https://www.edgenuity.com/Syllabi/edynamics/EDL002-Syllabus_Social_Problems_I.pdf)\*

[Sociology](https://www.edgenuity.com/Syllabi/electives/EL1120-Sociology-Syllabus.pdf)\*

[World Religions](https://www.edgenuity.com/Syllabi/edynamics/EDL024-Syllabus_World_Religions.pdf)\*

# Computer Science, Engineering, & Technology

***Please be advised that Technology Electives may require the purchase of additional software.***

[C++ Programming](https://curriculum.kcdistancelearning.com/courses/GLOBALDOCs-HS-K16/s/syllabus/PROGCs-HS-C17.docx)\*

[Computer Fundamentals](https://www.fueleducation.com/curriculum/find-a-course/computer_fundamentals.html)\*

[Computer Science (Python)](https://docs.google.com/document/d/1QqOPLrNd81oyVDk8hV07b35To8jdM7wqmwgMDsBkxag/edit?usp=sharing)

[Concepts of Engineering and Technology\*](https://www.edgenuity.com/Syllabi/edynamics/EDL067-Syllabus_Concepts_of_Engineering_and_Technology.pdf)

[Introduction to Cybersecurity](https://www.edgenuity.com/Syllabi/edynamics/EDL086-Syllabus_Cybersecurity.pdf)\*

[Introduction to Information Technology](https://www.edgenuity.com/Syllabi/career/Syllabus_Introduction_Information_Technology.pdf)\*

[Java Programming](https://curriculum.kcdistancelearning.com/courses/GLOBALDOCs-HS-K16/s/syllabus/PROGJAVA1s-HS-C16.docx)

[Programming Logic and Design](https://curriculum.kcdistancelearning.com/courses/GLOBALDOCs-HS-K16/s/syllabus/PROGLOGDESs-HS-C16.docx)\*

[Robotics](https://drive.google.com/file/d/1mhbqC-9lGb5LnfUQwYfY9z8p4j9OOslV/view?usp=sharing)

[Web Design\*](https://curriculum.kcdistancelearning.com/courses/GLOBALDOCs-HS-K16/s/syllabus/WEBDESs-HS-K14.docx)