2018 District and School Accountability Reporting: List of Advanced Courses

Introduction

Beginning in 2018, the Massachusetts Department of Elementary and Secondary Education (DESE) will report accountability results under its new framework for district and school accountability and assistance.[1] The new accountability system, which was approved by the U.S. Department of Education as part of Massachusetts' Every Student Succeeds Act (ESSA) state plan, includes new indicators that will provide additional information about school quality and student opportunity.

Massachusetts will include successful completion of broad and challenging coursework as one of its new accountability indicators. This indicator will measure the percentage of all students enrolled in 11th and 12th grade that achieve a passing score in at least one advanced course, including but not limited to Advanced Placement, International Baccalaureate, dual enrollment for credit, and other selected rigorous mathematics and science courses. Eligible courses extend beyond traditional Advanced Placement courses, and do not necessitate student participation in Advanced Placement tests. This indicator will be included in the accountability results for any district, school, or subgroup with at least 20 students enrolled in grades 11 and 12.

Background

The most recent data available in Massachusetts (2016) indicate there are varying levels of participation in and completion of advanced coursework across the state, and within school districts there are equity gaps in participation across subgroups. In addition, Massachusetts PSAT, SAT, and course grade data indicate that additional students are prepared for advanced coursework but are not enrolling in those courses. By including a measure of advanced coursework completion, the accountability system should incentivize student participation in these types of courses.

Course List

The following courses will be considered "advanced" for the purposes of 2018 accountability reporting. Course codes and names are aligned with DESE's Student Course Schedule (SCS) data collection. Any student who successfully completes at least one of these courses will be included in the advanced coursework completion rate for the district, school, or group. Students completing multiple advanced courses will be counted only once.

---

[1] Subject to approval by the Board of Elementary and Secondary Education.

SCS Course Code	Course Name
English Language and Literature	
01005	AP English Language and Composition
01006	AP English Literature and Composition
01007	IB Language A (English)
Mathematics	
02124	AP Calculus AB
02125	AP Calculus BC
02203	AP Statistics
02134	IB Further Mathematics—SL
02131	IB Mathematical Studies
02132	IB Mathematics
02133	IB Mathematics and Computing—SL
02113	Abstract Algebra
02057	Algebra III
02073	Analytic Geometry
02121	Calculus
02123	Differential Calculus
02102	Discrete Mathematics
02109	Elementary Functions
02202	Inferential Probability and Statistics
02111	Linear Algebra
02112	Linear Programming
02104	Math Analysis
02108	Math Analysis/Analytic Geometry
02122	Multivariate Calculus
02141	Particular Topics in Analytic Mathematics
02126	Particular Topics in Calculus
02204	Particular Topics in Probability and Statistics
02110	Pre-Calculus
02201	Probability and Statistics
02207	Probability and Statistics—Independent Study
02209	Probability and Statistics—Other
02103	Trigonometry
02106	Trigonometry/Algebra
02107	Trigonometry/Analytic Geometry
02105	Trigonometry/Math Analysis
Life and Physical Sciences	
03056	AP Biology
03106	AP Chemistry
03006	AP Environmental Science
03207	AP Environmental Science (Integrated/Other)
03165	AP Physics 1
03166	AP Physics 2
03155	AP Physics B

03156	AP Physics C
03163	AP Physics C—Electricity and Magnetism
03164	AP Physics C—Mechanics
03057	IB Biology
03107	IB Chemistry
03206	IB Design Technology
03160	IB Physical Science
03157	IB Physics
03052	Biology—Advanced Studies
03097	Biology—Independent Study
03102	Chemistry—Advanced Studies
03147	Chemistry—Independent Study
03047	Earth Science—Independent Study
03059	Genetics
03997	Life and Physical Sciences—Independent Study
03060	Microbiology
03103	Organic Chemistry
03104	Physical Chemistry
03152	Physics—Advanced Studies
03197	Physics—Independent Study
Social Sciences and History	
04158	AP Comparative Government and Politics
04205	AP Economics
04056	AP European History
04004	AP Human Geography
04204	AP Macroeconomics
04203	AP Microeconomics
04256	AP Psychology
04157	AP U.S. Government and Politics
04104	AP U.S. History
04057	AP World History
04206	IB Economics
04003	IB Geography
04054	IB History
04066	IB Islamic History
04262	IB Organization Studies
04309	IB Philosophy
04257	IB Psychology
04253	IB Social Anthropology
04304	IB Theory of Knowledge
Fine and Performing Arts	
05153	AP Art—History of Art
05115	AP Music Theory
05172	AP Studio Art—Drawing Portfolio
05175	AP Studio Art—Three-Dimensional
05174	AP Studio Art—Two-Dimensional

05173	IB Art/Design
05012	IB Dance
05116	IB Music
05062	IB Theatre
Foreign Language and Literature	
06412	AP Chinese Language and Culture
06132	AP French Language
06212	AP German Language
06152	AP Italian Language and Culture
06432	AP Japanese Language and Culture
06313	AP Latin (Vergil, Catullus, and Horace)
06112	AP Spanish Language
06113	AP Spanish Literature
06732	IB Classical Languages—Arabic
06331	IB Classical Languages—Greek
06712	IB Classical Languages—Hebrew
06311	IB Classical Languages—Latin
06830	IB Language A (non-English)—American Indian Language
06730	IB Language A (non-English)—Arabic
06650	IB Language A (non-English)—Balto-Slavic Language
06270	IB Language A (non-English)—Celtic Language
06410	IB Language A (non-English)—Chinese
06490	IB Language A (non-English)—East Asian Language
06530	IB Language A (non-English)—Filipino
06990	IB Language A (non-English)—Foreign Language
06130	IB Language A (non-English)—French
06210	IB Language A (non-English)—German
06250	IB Language A (non-English)—Germanic Language
06710	IB Language A (non-English)—Hebrew
06690	IB Language A (non-English)—Iranian/Persian Language
06150	IB Language A (non-English)—Italian
06430	IB Language A (non-English)—Japanese
06450	IB Language A (non-English)—Korean
06780	IB Language A (non-English)—Non-Semitic African Language
06170	IB Language A (non-English)—Portuguese
06190	IB Language A (non-English)—Romance/Italic Language
06610	IB Language A (non-English)—Russian
06590	IB Language A (non-English)—Southeast Asian Language
06110	IB Language A (non-English)—Spanish
06770	IB Language A (non-English)—Swahili
06670	IB Language A (non-English)—Turkic/Ural-Altaic Language
06510	IB Language A (non-English)—Vietnamese
06831	IB Language B—American Indian Language
06731	IB Language B—Arabic

06651	IB Language B—Balto-Slavic Language
06411	IB Language B—Chinese
06491	IB Language B—East Asian Language
06531	IB Language B—Filipino
06991	IB Language B—Foreign Language
06131	IB Language B—French
06211	IB Language B—German
06251	IB Language B—Germanic Language
06291	IB Language B—Greek
06711	IB Language B—Hebrew
06691	IB Language B—Iranian/Persian Language
06151	IB Language B—Italian
06431	IB Language B—Japanese
06451	IB Language B—Korean
06781	IB Language B—Non-Semitic African Language
06171	IB Language B—Portuguese
06191	IB Language B—Romance/Italic Language
06611	IB Language B—Russian
06591	IB Language B—Southeast Asian Language
06111	IB Language B—Spanish
06771	IB Language B—Swahili
06671	IB Language B—Turkic/Ural-Altaic Language
06511	IB Language B—Vietnamese
Computer and Information Sciences	
10158	AP Computer Science A
10019	AP Computer Science Principles
10160	IB Computing Studies
10007	IB Information Technology in a Global Society
Miscellaneous/Other	
22112	AP Research
22110	AP Seminar
Dual Enrollment for Credit	
Any course taken for postsecondary credit, reported in SCS09 as course level "04".	