

# Penn Manor School District

## 12 - Grade 12 Courses

**Required Courses** Please select at least one course from each of the following categories. You must request 8 credits and 2 alternate courses.

English						
Course ID	Course Title	Credits	Course ID	Course Title	Credits	
147	AP Language and Composition	2.000	127	Hon English Composition	1.000	
137	AP Literature & Composition	2.000	1342	Honors English Composition (BOC 2,4,6 days)	1.000	
134	CP English Composition	1.000	010	Language Literacy I	2.000	
1341	CP English Composition (BOC 2,4,6 days)	1.000	0102	Language Literacy II	2.000	
142	CP World Literature & Composition	1.000	0103	Language Literacy III	1.000	
052	English/Language Arts	2.000	034	Reading	2.000	
031	Foundations of Literacy 11/12	2.000	130	Senior English	1.000	

Mathematics						
Course ID	Course Title	Credits	Course ID	Course Title	Credits	
169	AP Calculus AB	2.000	185	CP Precalculus	1.000	
189	AP Calculus BC	2.000	187	CP Statistics	1.000	
215	AP Statistics	2.000	910	Earned 4 math credits	0.000	
180	Algebra III/Trigonometry	1.000	036	Math	2.000	
171	CP Calculus	1.000	051	Practical Math	2.000	
182	CP Geometry/Trig	1.000	042	Transition Math 11/12	2.000	

Science						
Course ID	Course Title	Credits	Course ID	Course Title	Credits	
119	AP Biology/Technology and Research	2.000	102	Honors Earth Science	1.000	
120	AP Chemistry/Technology and Research	2.000	106	Honors Introduction to Human Physiology	1.000	
093	AP Environmental Science	2.000	114	Honors Physics II	1.000	
097	AP Physics I and II	2.000	1208	OC Botany	0.250	
110	Applied Science-Physics and Technology	1.000	1202	OC Geology	0.250	
108	CP Chemistry	1.000	1161	OC Honors Astronomy	1.000	
118	CP Freshwater & Marine Ecology	1.000	1204	OC Introduction to Biochemistry	0.250	
111	CP Physics of Mechanics	1.000	1209	OC Introduction to Ecology	0.250	
107	Chemistry	1.000	1205	OC Introduction to Microbiology	0.250	
098	Forensic Science	1.000	1203	OC Meteorology	0.250	
117	Freshwater & Marine Ecology	1.000	1206	OC Oceanography	0.250	
911	Fulfilled four science credits	0.000	1207	OC Zoology	0.250	
112	Hon Physics I	1.000	021	Science	1.000	
109	Honors Chemistry I	1.000	055	Topics in Science	1.000	
115	Honors Chemistry II	1.000				

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### Social Studies

Course ID	Course Title	Credits	Course ID	Course Title	Credits
1650	AP Art History	1.000	1713	CP Western World History (BOC Students-2,4,6)days	1.000
1491	AP Comparative Government (Alt. Cycle Days)	1.000	1704	Eastern World History	1.000
220	AP Economics	1.000	1710	Economics	1.000
221	AP Psychology	2.000	059	Employability Skills	1.000
1722	AP Research (Pre-Req 1721)	2.000	1714	Hon Western World History (BOC Students-2,4,6)days	1.000
1720	AP Seminar	2.000	1706	Honors Eastern World History	1.000
149	AP US Government (Alt. Cycle Days)	1.000	1712	Honors Economics	1.000
162	AP US History	2.000	1709	Honors Western World History	1.000
1631	AP World History	2.000	014	Social Studies	1.000
1705	CP Eastern World History	1.000	054	Social Studies/History	1.000
1711	CP Economics	1.000	1707	Western World History	1.000
1708	CP Western World History	1.000			

### Electives Courses Please select from the courses below. Be sure to select 2 alternate courses.

#### Agriculture

Course ID	Course Title	Credits	Course ID	Course Title	Credits
274	Ag Work Study/SSE	1.000	273	Floriculture and Landscape Design	1.000
271	Agribusiness and Leadership (Pre-Req 251 or 261)	1.000	266	Honors Vet Science I (Pre-Req 252 and Biology)	1.000
270	Agriculture Equipment	1.000	251	Intro to Ag, Food, & NR	1.000
252	Animal Science I (Pre-Req 251)	1.000	261	Introduction to Ag. Mechanics	1.000
254	Biotechnology and Food Science	1.000	278	Plant Science I (Pre-Req 251)	1.000
269	Construction (Pre-Req 261)	1.000	262	Welding (Pre-Req 261)	1.000
272	CP Veterinarian Science (Pre-Req 252 and Biology)	1.000	263	Welding II (Pre-Req 262)	1.000
264	Engines I (Pre-Req 261)	1.000	267	Wildlife and Natural Resources Mgmt (Pre-Req 251)	1.000

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### Applied Engineering and Technology

Course ID	Course Title	Credits	Course ID	Course Title	Credits
728	Advanced Materials Technology (Pre-Req 727/7271)	1.000	7564	Honors Computer Science: Communicating and Connect	1.000
756	AP Computer Science Principles	2.000	7563	Honors Computer Science: Creating and Making	1.000
749	Computer Animation	1.000	7112	Honors Engineering Design Drafting I	1.000
7562	Computer Science: Communicating and Connecting	1.000	754	Honors Seminar of Engineering(Pre-Req Alg I)	1.000
7561	Computer Science: Creating and Making	1.000	7570	Honors STEM Design	1.000
751	Electronics, Robotics, & Prototyping I	1.000	7271	Honors Woodworking Technology	1.000
752	Electronics, Robotics, & Prototyping II	1.000	7335	OC Introduction to Video Game Design	0.500
753	Electronics, Robotics, & Prototyping III	1.000	7583	OC Introduction to Web Development	0.500
715	Engineering Design & Drafting II (Pre-Req C in 711)	1.000	722	Product Design	1.000
711	Engineering Design Drafting I	1.000	727	Woodworking Technology	1.000
718	Honors Architectural Design	1.000			

### Art

Course ID	Course Title	Credits	Course ID	Course Title	Credits
391	AP Studio Art	2.000	346	Honors Yearbook/Creative Publications	1.000
361	Commercial Art	1.000	7582	OC Fundamentals of Design	0.500
331	Digital Photography I	1.000	321	Traditions in Ceramics and Crafts	1.000
332	Digital Photography II (Pre-Req B in 331)	1.000	320	Trends in Ceramics and Crafts	1.000
312	Drawing and Painting I	1.000	392	Video Production I	1.000
313	Drawing and Painting II (Pre-Req B in 312)	1.000	398	Video Production II (Pre-Req B in 392)	1.000
311	Fundamentals of Design	1.000	345	Yearbook/Creative Publications	1.000

### Business Ed.

Course ID	Course Title	Credits	Course ID	Course Title	Credits
421	Accounting I	1.000	4451	Honors International Business & Investing	1.000
422	Accounting II (Ind. Study perm. required)	1.000	445	International Business & Investing	1.000
451	Entrepreneurship	1.000	441	Marketing & Advertising	1.000
4212	Honors Accounting I	1.000	7351	OC Personal Financial Literacy	0.500

### English

Course ID	Course Title	Credits	Course ID	Course Title	Credits
133	CP Creative Writing, Poetry & Fiction	1.000	7301	OC Creative Writing	1.000
135	CP Journalism	1.000	1334	OC Science Fiction Literature	0.500

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### Family Consumer

Course ID	Course Title	Credits	Course ID	Course Title	Credits
626	Advanced Fashion and Design	1.000	632	Living on Your Own	1.000
622	Advanced Nutrition and Food Science	1.000	621	Nutrition and Food Science	1.000
623	Child Development	1.000	6231	OC Child Development 1: Introduction and Theory	0.500
625	Fashion and Design Foundations	1.000	6232	OC Child Development 2: Conception through toddler	0.500
628	Housing and Design	1.000			

### Music

Course ID	Course Title	Credits	Course ID	Course Title	Credits
880	Band	1.000	865	Honors Band	1.000
882	Chorus	1.000	892	Honors Chorus	1.000
851	Classical Piano I	1.000	866	Honors Orchestra	1.000
852	Classical Piano II (Pre-Req 851)	1.000	859	Manor Singers	1.000
856	Classical Piano III (Pre-Req 852)	1.000	895	Music Technology: Creating and Producing	1.000
883	Girls Chorus	1.000	7370	OC Popular Music in America	0.500
888	Guitar I	1.000	881	Orchestra	1.000
887	History of Rock	1.000			

### Other electives

Course ID	Course Title	Credits	Course ID	Course Title	Credits
909	Career Internship	1.000	917	Service Learning Independent Study (Pre-Req 916)	1.000
2011	OC Medical Terminology	0.500	7111	Technology Help Desk Apprenticeship	1.000
039	Post-Secondary Transition	1.000	921	Theatre Arts	1.000
916	Service Learning	1.000	913	Work Study	1.000

### PE/Health

Course ID	Course Title	Credits	Course ID	Course Title	Credits
200	Fitness/Current Health	1.000	201	Sports Medicine and Lifetime Sports	1.000
204	Fitness/Current Health II	1.000	203	Women's Health & Self Defense	1.000
199	PE/Anatomy	1.000			

### Social Studies

Course ID	Course Title	Credits	Course ID	Course Title	Credits
148	Criminal Justice	1.000	1481	OC-Criminal Justice	0.500
7315	OC AP Psychology	1.000	164	Social Psychology	1.000

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## 12 - Grade 12 Courses

### World Languages

Course ID	Course Title	Credits	Course ID	Course Title	Credits
536	AP German Language	2.000	524	Hon French IV	1.000
546	AP Spanish Language	2.000	534	Hon German IV	1.000
521	French I	1.000	544	Honors Spanish IV	1.000
522	French II	1.000	7360	OC Latin I	1.000
523	French III	1.000	7361	OC Latin II (Pre-Req 7360)	1.000
531	German I	1.000	551	Spanish I	1.000
532	German II	1.000	552	Spanish II	1.000
533	German III	1.000	553	Spanish III	1.000