

# INTERNATIONAL BACCALAUREATE DIPLOMA COURSE PROGRESSIONS

**Grades 9-10: In Groups 1-6: complete one pathway of “recommended courses” BEFORE entering the IB program (\*AP Computer Science Principles is the 9th grade prerequisite for all Troy Tech courses.**

**Grades 11-12: Complete one course and assessment in Groups 1-5 plus a Group 6 Art or a second course in Group 3 or 4 (3HL & 3SL)**

**Grades 11-12: IB Core Requirements: Theory of Knowledge course (embedded within required Philosophy course which satisfies the group 3 requirement), the Extended Essay and Creativity, Activity and Service**



<b>Group 1</b> Language A English *required HL course	<b>Group 2</b> Language B	<b>Group 3</b> Individuals and Society (Optional Group 3)	<b>Group 4</b> Sciences			<b>Group 5</b> Mathematics Sample pathways, please discuss options with your counselor or IB coordinator			<b>Group 6</b> Arts (Optional, may double in group 3 or 4)	<b>IB Core TOK + Philosophy</b> *required HL course
---	------------------------------	---	----------------------------	--	--	--	--	--	--	---

**Student Grade**

**9**  
recommended courses

Honors English 1 Cambridge	Chinese 1, French 1 or Spanish 1		Honors Biology		*AP Computer Science Principles (Req. Troy Tech course)		Algebra 2 Honors	Geometry Honors	Geometry
-------------------------------	---	--	----------------	--	---	--	---------------------	--------------------	----------

**10**  
recommended courses

AP Language & Composition	Chinese 2, French 2 or Spanish 2	Honors International Business or Empowering Entrepreneurs Honors	Honors Chemistry	Cambridge Advanced Computer Science AS Level	Mechatronics Honors	Precalc Honors	Algebra 2 Honors	Algebra 2
---------------------------	---	---	------------------	---	------------------------	-------------------	---------------------	-----------

**11**

IB SL English  *IB HL year 1	IBSL Mandarin, French or Spanish Year 1	IBSL Business Management Single year SL	AP Physics 1 IBHL year 1	AP Physics 2, or AP Biology Year 1 HL or single year SL	AP Computer Science A Year 1 IB HL	IBSL Design Technology Single year SL	AP Calculus BC IBHL/IBSL Year 1	Math IBSL Single Year SI	Math IBSL Single Year SI	Honors Drawing & Painting Cambridge	IBSL Philosophy *IBHL Year 1
------------------------------------	---	--	-----------------------------	---	---------------------------------------	--	------------------------------------	-----------------------------	-----------------------------	--	---------------------------------

**12**

AP English Literature  *IBHL Year 2	AP Chinese, French or Spanish Year 2 IB SL		AP Physics 2 IBHL year 2	AP Physics C or IB HL Biology Year 2 IBHL	AP Computer science IBHL Year 2		AP Statistics IBHL/IBSL Year 2	AP Calculus AB/BC or AP Statistics (Optional)	AP Calculus AB/BC or AP Statistics (Optional)	AP/IB Art: Drawing Single Year SL or Year 2 HL	Theory of Knowledge (1st semester) *IB HL Philosophy Year 2 (2nd Semester)
---	---	--	-----------------------------	--	------------------------------------	--	-----------------------------------	--	--	---	---

Note: The IB 2-year Philosophy course satisfies the Group 3 requirement for ALL IB diploma students. It may also count as a second group 3 substitution for group 6