

# Goal 2: Critical Analysis of Instructional Program

December 16, 2021  
January 6, 2022

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## Internal Audit

Conduct an internal audit and self-study of the Advanced Placement and the International Baccalaureate Program.

02

## Effectiveness

Analyze the effectiveness of each program individually and the impact of their continued interaction when both are offered, including research on how colleges view these programs.

# Table of Contents

**03**

## **Other Opportunities**

Explore other opportunities for students to earn college credit while in high school, including, but not limited to, dual credit programs with local colleges, including the State University of New York.

**04**

## **Costs**

Determine the opportunity cost, and actual cost associated with our extensive offerings, including the impact on Special Education and other programs.

# 01

## Internal Audit

# Internal Audit

- **North Shore High School Mission Statement**
  - Our mission is to nurture and enrich our students' natural delight in learning and in the powers of mind and body. We are committed to reaching beyond routine expectations in a learning environment that encourages inquiry and builds its daily practice upon respect for oneself and others.
- **Why do we offer AP & IB?**
  - Student choice
  - Learning opportunities
  - Admissions
  - Credits
- **AP & IB “Why” Statement: *Being a Global Citizen is a passport for the mind***

# Internal Audit

- **International Baccalaureate Diploma Programme (IB, IBDP)**
  - **5-Year Self Study**
    - Internal report completed in 2020
    - Findings returned in 2021
    - Response to Matters to be Addressed submitted to IB November 2021
  - We offer 23 of the 61 available IB courses
  - Students may only take exams when they are enrolled in a course. Some courses are 1 year in duration, most are 2; Standard Level (SL) & Higher Level (HL)
  - Students must be in final 2 years of schooling
- **Advanced Placement (AP)**
  - We offer 16 of the 28 available AP courses
  - Students may take any exam without course enrollment (exceptions: Research & Seminar)
  - Students can be in any grade level
  - All courses are 1 year, at one "level"

# Internal Audit

- **Teaching & Learning**

- IB Learner Profile & SVOs
- IB Courses incorporate an Internal Assessment, chosen by the student, guided by the teacher
- IB Approaches to Learning
  - Thinking skills
  - Communication skills
  - Social skills
  - Self-management skills
  - Research skills
- IB Approaches to Teaching
  - Based on **inquiry**
  - Focused on **conceptual understanding**
  - Developed in local and global **contexts**
  - Focused on effective teamwork and **collaboration**
  - **Differentiated** to meet the needs of all learners
  - Informed by **assessment** (formative and summative)

## Introduction

Purpose of this document  
The Diploma Programme  
Nature of the subject  
Aims  
Assessment objectives  
Assessment objectives in practice

## Syllabus

Syllabus outline  
Syllabus content

## Assessment

Assessment in the Diploma Programme  
Assessment outline—SL  
Assessment outline—HL  
External assessment  
Internal assessment

## Approaches to teaching and learning

Approaches to the teaching and learning of language B

## Appendices

Glossary of command terms  
Glossary of subject-specific terms  
Bibliography

# Internal Audit

- Teaching & Learning
  - Course & Exam Description (CED)
    - Big Ideas



## UNIT OPENERS

**Developing Understanding** provides an overview that contextualizes and situates the key content of the unit within the scope of the course.

The **big ideas** serve as the foundation of the course and help develop understanding as they spiral throughout the course. The **essential questions** are thought-provoking questions that motivate students and inspire inquiry.

**Building the Mathematical Practices** describes specific skills within the practices that are appropriate to focus on in that unit. Certain practices have been noted to indicate areas of emphasis for that unit.

**Preparing for the AP Exam** provides helpful tips and common student misunderstandings identified from prior exam data.

# Internal Audit

- **Curriculum**

- Prescribed by the IBO or College Board
  - Connections to TOK v. Big Ideas
  - AP: Units of study
  - IB: Core and Optional topics of study
- Aligned with North Shore Curriculum Writing Template, including SVOs
- Supervised by Teacher Leader & Director

- **Professional Development**

- AP: not required, provided throughout the year in person or online
  - As needed
- IB: 1 teacher per subject required when there is an update, provided throughout the year in person or online
  - 7 year cycles

# Internal Audit

- **Assessment**

- **AP- *What do you know?***

- Driven by content knowledge
- Multiple choice, open-ended questions
  - performance in World Languages only
- No flexibility or student choice
- Scores are not curved
- Scored by College Board

- **IB- *What can you do with what you know?***

- Driven by knowledge **and** skills
- Short answer, open-ended questions, performance in **Internal Assessment** across all courses
- Student choice
- Scores take teacher feedback & all students globally into account
- Scored by our teachers and the International Baccalaureate

- Support for ELL, Special Education students

# Internal Audit

- **IB Diploma Programme (IBDP)**

- 6 subject areas, 3-4 of which are HL
  - HL is senior year only
  - All of our students that are IBDP take English Language and Literature and History of the Americas HL
- Theory of Knowledge
- Extended Essay in subject of choice (not a course)
- Creativity, Activity, Service (not a course)
- No application process



# Internal Audit

		2018	2019	2020	2021	2022
Number of students	AP	287	342	359	335	334
Number of exams (including optionals)	AP	422	490	490	494	571
Number of optional exams	AP	n/a	n/a	n/a	37	90
Number of students total	IB	178	158	181	226	182
Number of Course Candidates	IB	110	114	149	195	161
Number of Anticipated Candidates	IB	31	12	20	11	13
Number of Diploma Candidates	IB	37	32	12	20	8
Number of exams	IB	398	342	294	440	312
Exam enrollments as percentage of eligible	AP	44.57%	51.04%	55.75%	50.00%	51.38%
Exam enrollments as percentage of eligible	IB	41.69%	36.83%	42.19%	49.34%	42.73%

# Internal Audit

## North Shore

- Open enrollment: no placement tests, admissions or application process (prerequisites may apply)
- Allow for students to take AP exams without enrollment in the course
- Pay for all required exams
- No removal of AP/IB designation on transcripts if no-show for exam
- Weighting +9 for AP/IB
- Do not require students to fill their schedules
- Community service not required for graduation *yet many students complete*
- Theory of Knowledge (TOK) available for any junior or senior

## Other schools (General)

- Placement tests, admissions, application process (prerequisites may apply)
- Require enrollment in course to take AP exams
- Students pay for all exams
- Remove AP/IB designation on transcripts if no-show for exam
- Weighting varies
- Scheduling varies
- Community service may be required to graduate
- TOK for IB Diploma Candidates only

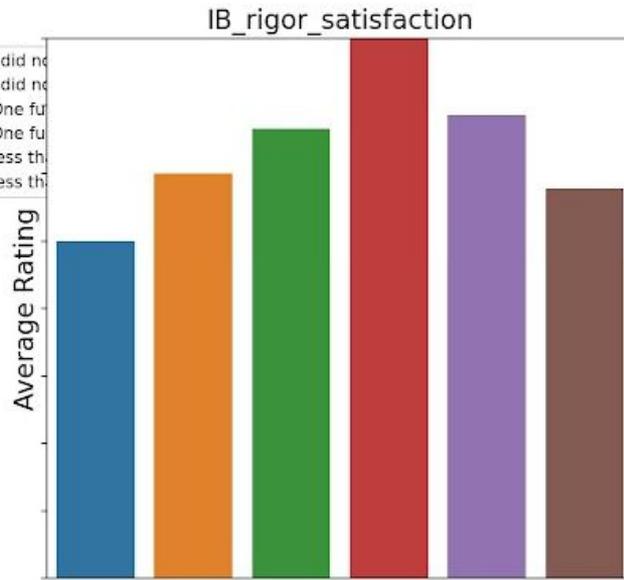
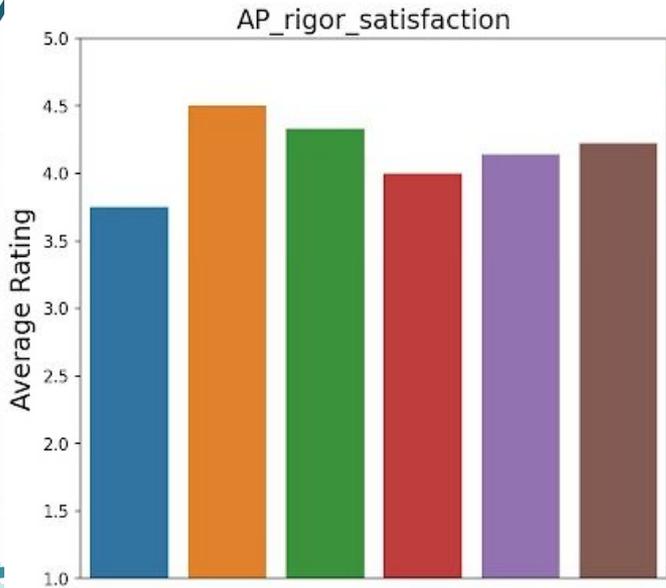
# 02

## Effectiveness

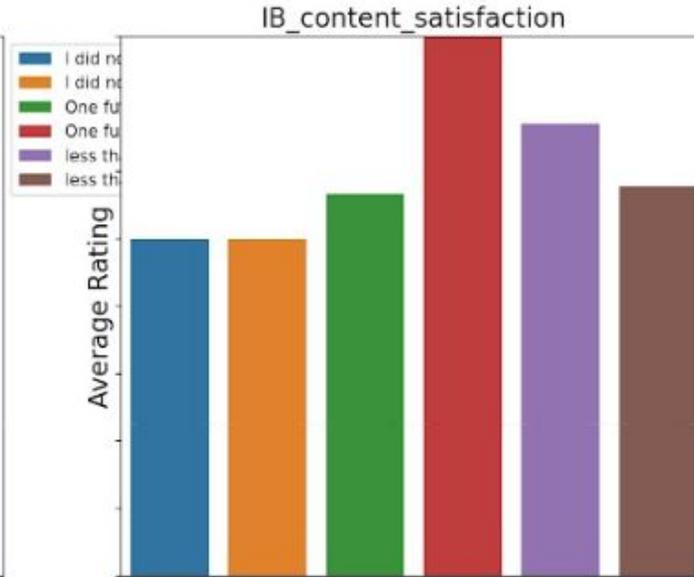
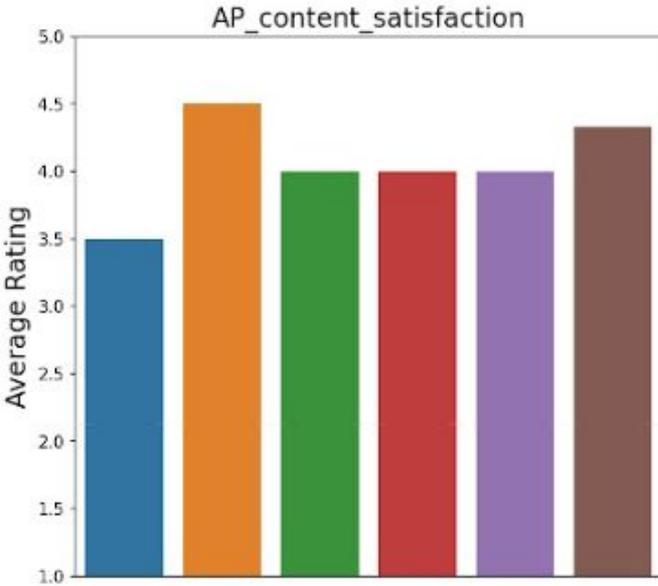
# Effectiveness

- **How to measure effectiveness? How to measure success?**
  - Annual Report on Student Achievement
    - Student growth in knowledge and skills
      - Thinking skills
      - Communication skills
      - Social skills
      - Self-management skills
      - Research skills- reading and writing
      - Global awareness
    - Student growth in SVOs
    - Engagement
    - Test scores
- **Niche, Blue Ribbon, US World & News Report**
- **College applications and admissions**
  - AP & IB on student transcripts, IB Diploma Candidate
  - Scholarships

# 47 Alumni Responses

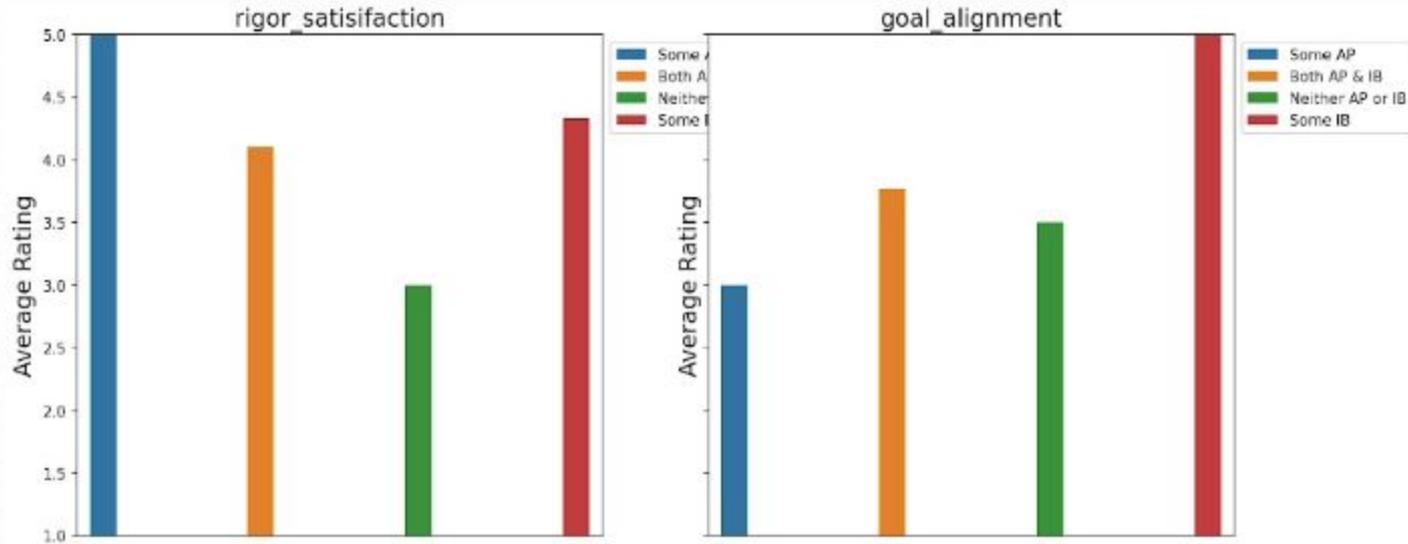


# 47 Alumni Responses



- I did not receive credits or advancement in any way.
- I did not receive credits, but I was advanced in coursework.
- One full semester
- One full year
- less than one semester (0-6)
- less than one semester (7-11)

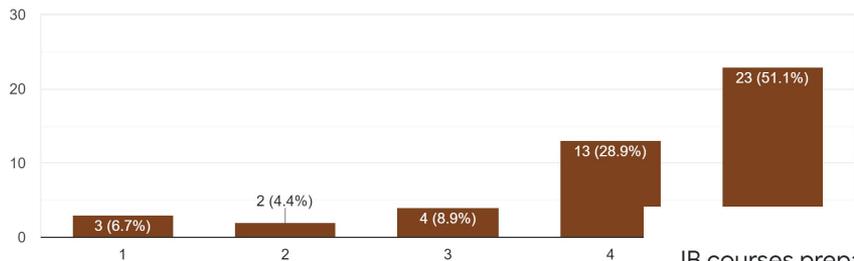
# 46 Senior Responses



# 45 Administrator, Teacher & Counselor Responses

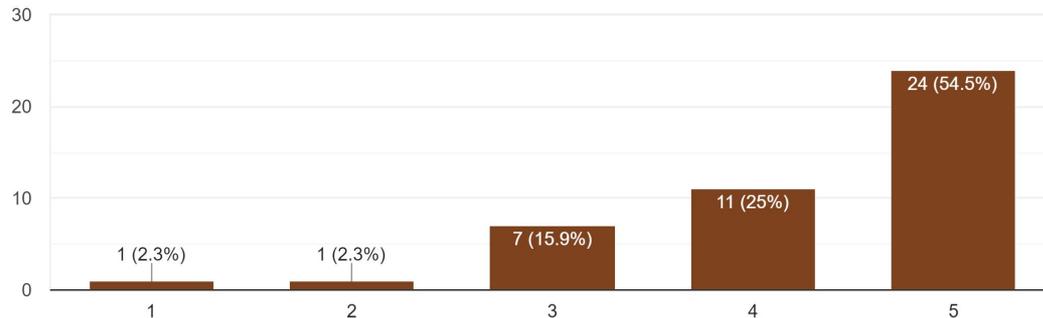
AP courses prepare students for college and/or career readiness.

45 responses



IB courses prepare students for college and/or career readiness.

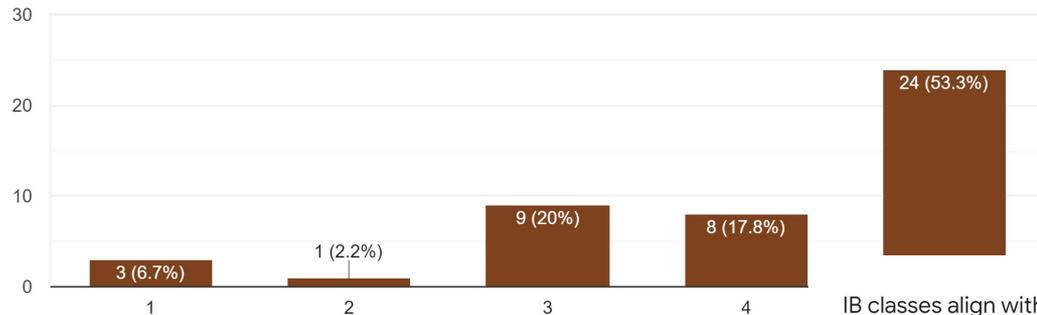
44 responses



# 45 Administrator, Teacher & Counselor Responses

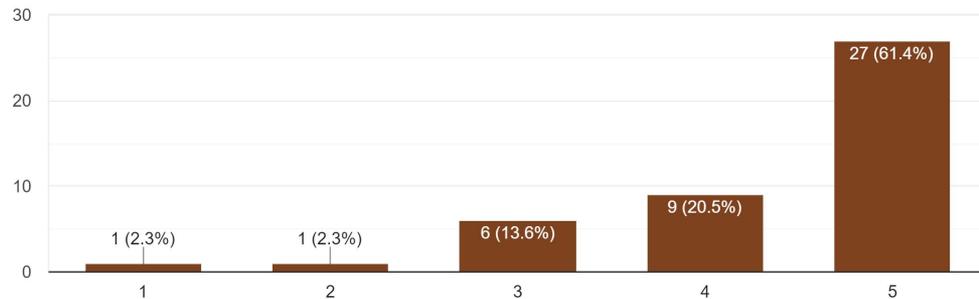
AP classes align with the North Shore SVOs. Namely: Communicators, Collaborators, Thinkers.

45 responses



IB classes align with the North Shore SVOs. Namely: Communicators, Collaborators, Thinkers.

44 responses



# Effectiveness

- **College credits**

- Opportunities for students to explore further coursework
- Varies among institutions for AP & IB, college and major
- AP Credit Policy Search – AP Students – College Board
  - Scores 3-5 (out of 5) can earn a student credit
- Find countries and universities that recognize the IB
  - Scores 4-7 (out of 7) can earn a student credit
  - Some universities give credit for HL only
  - The IB has given guidelines to help universities develop IB acceptance policies
  - Students may be granted sophomore standing if they earn the IBDP

# Effectiveness: AP

- AP students are more likely to enroll in a four-year college compared to academically similar students who did not take an AP in school
- Students are well prepared to succeed in introductory college coursework
- Students that start will often take more exams in the future, and perform better
- More likely to graduate on time



**Trevor Packer**  
@AP\_Trevor



After a student takes 6 AP courses total in high school, our research show the college completion rates stay the same for students who take >6 AP courses. So we're asking college admission offices not to give more than 6 AP courses any extra weight in admissions.

2:28 PM · Jul 1, 2019 · Twitter Web Client

86 Retweets 32 Quote Tweets 186 Likes



**Trevor Packer** @AP\_Trevor · Jul 1, 2019



Replying to @AP\_Trevor

I see a real commitment from college admissions offices to "stopping the madness" of too much pressure. The "Turning the Tide" report, signed by many colleges that admit many AP students, is great & encourages a balance of AP/IB with other priorities:

[static1.squarespace.com/static/5b7c56e...](https://static1.squarespace.com/static/5b7c56e...)



4



39



96



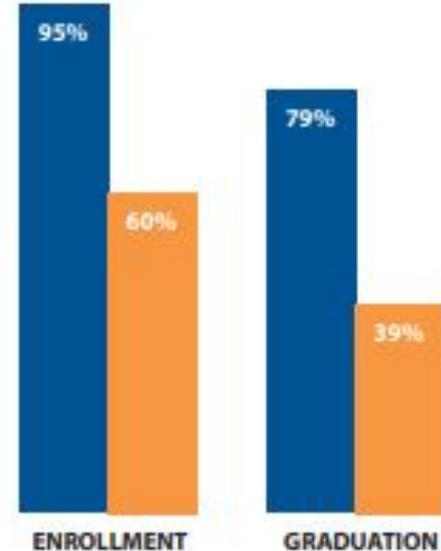
# Effectiveness: IB

- Higher levels of global mindedness and critical thinking
- Prepared for college-level coursework; able to engage in class discussions and group work, to develop global perspectives and communicate effectively
- CAS: “taking on new challenges”, “learning to persevere” and “developing better interpersonal skills”
- High retention rates

## University enrollment and graduation

DP students in the US have higher rates of university enrollment and graduation at four-year institutions compared to the national average. <sup>6</sup>

- DP cohort
- National cohort



# Effectiveness: IB

- **“IB students are strongly prepared, capable, and ready to take on the challenges of the workload”** at the university level. And she’s seen it not just in the students that come through her doors, but in her own son as well. **“There is a higher success rate for IB students in their first two years of college.”**



“When we see an IB student’s application, we are excited.”

**Debra Von Barga**  
Assistant Dean of Admissions at Stanford

**Adelphi University**

**Binghamton  
University**

**Hofstra University**

**Ithaca College**

**Manhattan College**

**Marist College**

**Muhlenberg College**

**Providence College**

**Rensselaer  
Polytechnic Institute  
(RPI)**

**SUNY Geneseo**

**SUNY New Paltz**

**Tulane University**

**University of  
Connecticut**

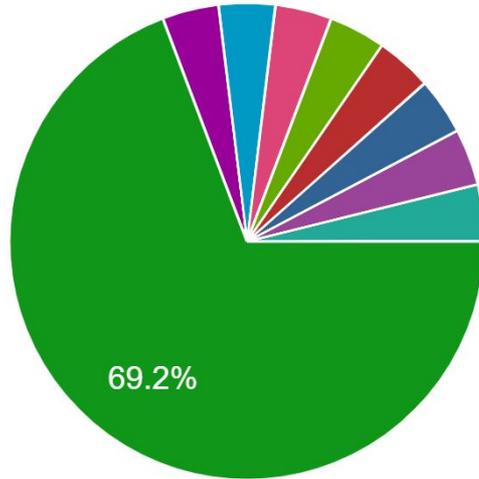
**University of Michigan**

**University of Vermont**

**Vaughn College of  
Aeronautics and  
Technology**

# Which high school courses are given preference in the admissions process?

26 responses

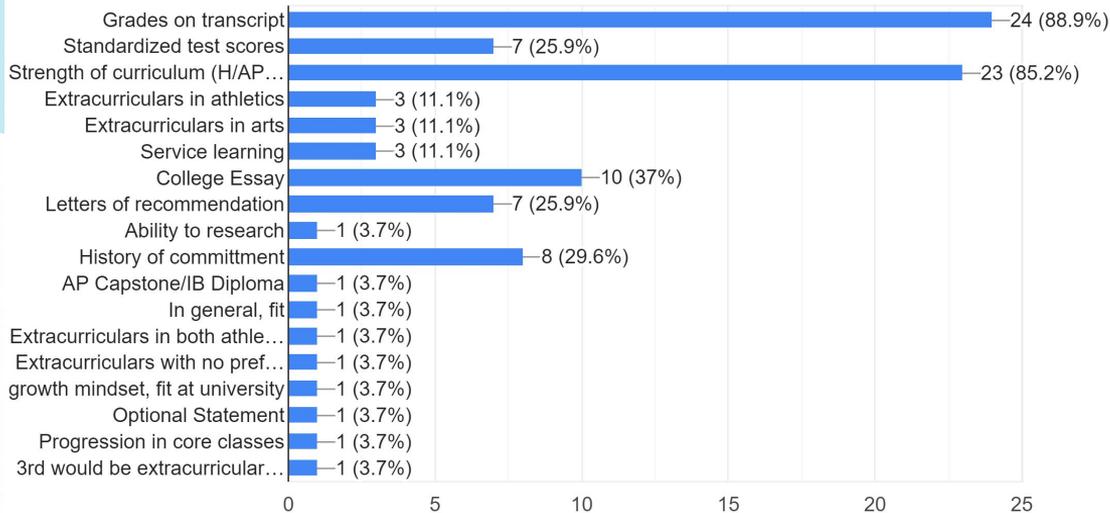


- AP
- IB
- Dual Enrollment
- Most challenging available

All signs of course rigor and challenging oneself is important to us
AP & IB are given the same amount of preference and are considered more rigorous than dual enrollment courses
Most high schools do not have all types available, so we would want the student to challenge themselves within the context as to what is available at their particular school. That being said, we look at AP/IB/DE equally in terms of rigor because of this.
No specific courses
We count them all around the same level of rigor
We look at AP/Dual Enrollment equally. At times, we consider credit for IB classwork.
We rank all the above the same, as long as it is IB HL. IB SL is reviewed like an honors course.

## Which are the top three factors in the admissions process at your institution?

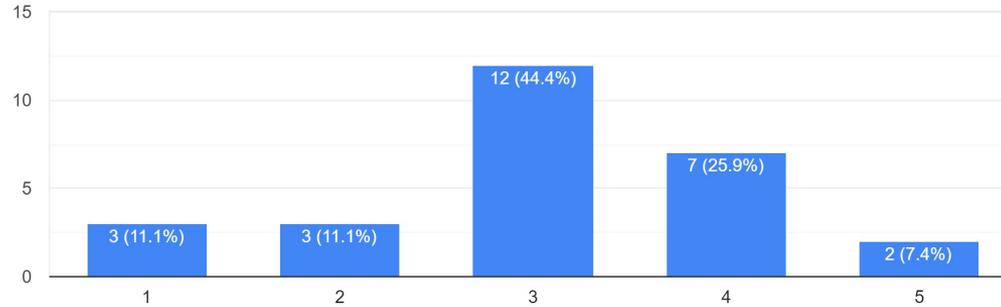
27 responses



“We look at whether a student is challenging themselves in the context of their school. While they do not need to have a full course load of AP/IB, we want to see that a student is taking advantage of those courses if offered to them. Lack of AP/IB courses at a school where many are offered to us indicates lack of rigor/challenge on the student's part and could potentially indicate the student would not be prepared for the rigor of college.”

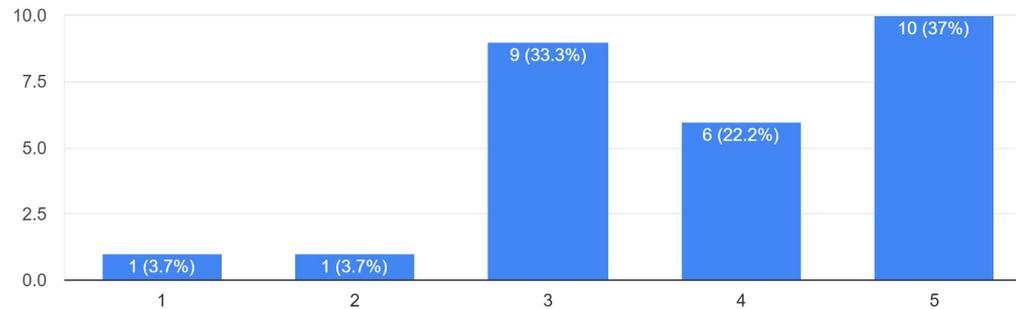
Completing AP Capstone gives the student an advantage in the admissions process.

27 responses



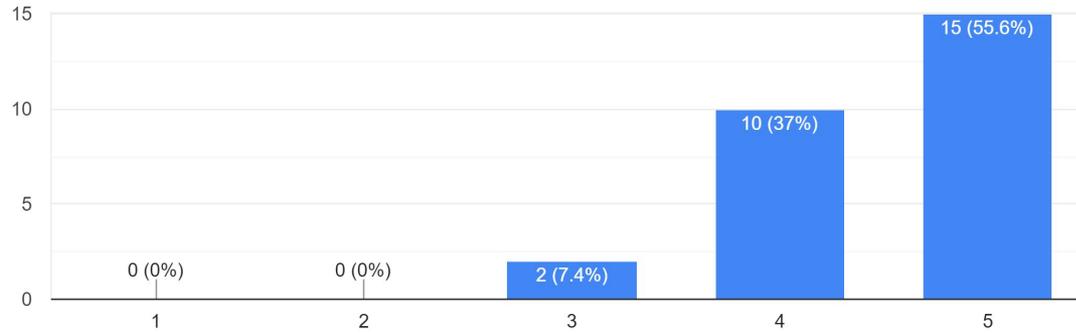
Completing the IB diploma gives the student an advantage in the admissions process.

27 responses



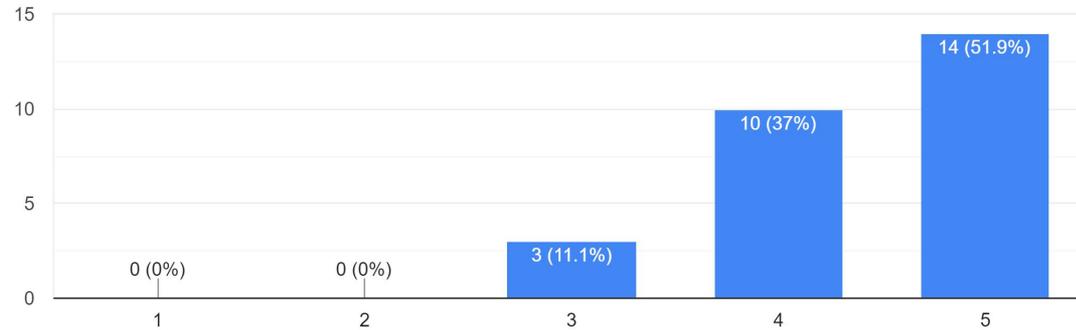
### AP courses benefit the student in the admissions process.

27 responses



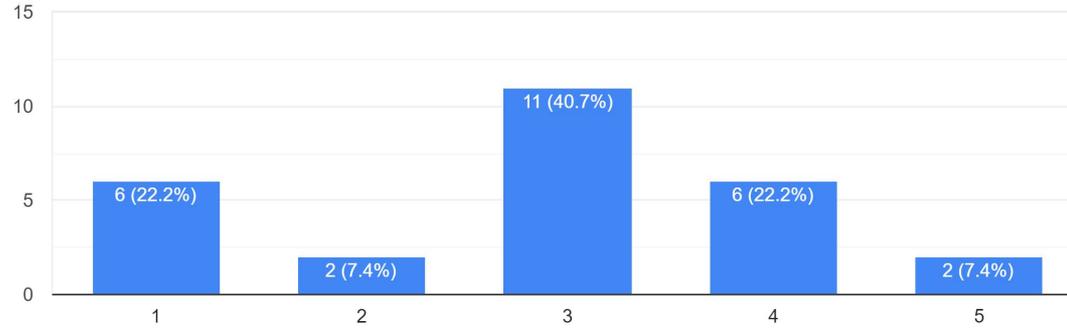
### IB courses benefit the student in the admissions process.

27 responses



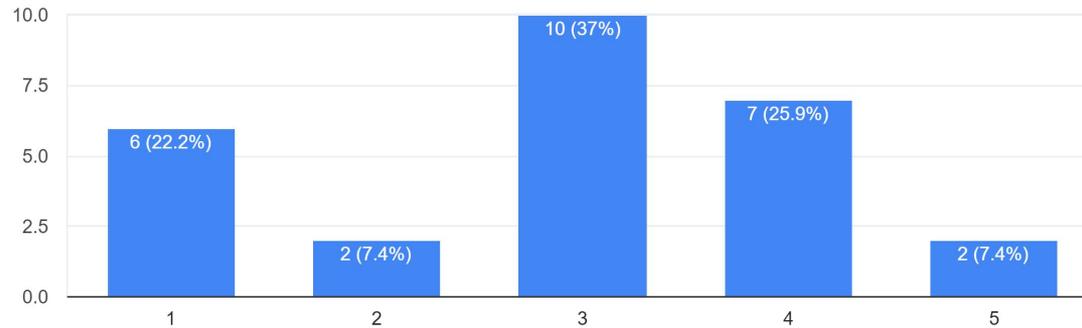
Strong AP test scores give the student an advantage in the admissions process.

27 responses



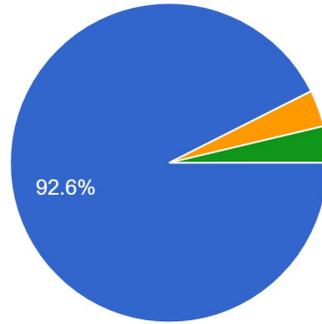
Strong IB test scores give the student an advantage in the admissions process.

27 responses



## Does your institution grant students credits or advanced standing for AP exams?

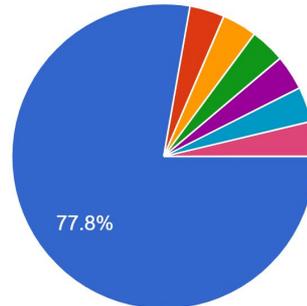
27 responses



- Yes
- No
- Yes, but only for 5's, and only up to 20 credits (equivalent of ~5 classes/tests)
- Depending on score

## Does your institution grant students credits or advanced standing for IB (including SL and/or HL) exams?

27 responses



- Yes
- No
- only HL levels
- Yes for HL exams only
- Only award credit for HL IB courses.
- Yes, but only 6's and 7's on the HL exams and only up to 20 credits. No credit for SL exams
- Depending on score

# 03

## Other Opportunities

# Other Opportunities

- Dual enrollment programs
  - May be co-sat with IB or AP
  - Existing partnerships
    - Syracuse
    - Stony Brook
    - Molloy
    - Adelphi
  - Exploration with Stony Brook
- College Level Examination Program (CLEP)
  - College Board product
- Cambridge Advanced International Certificate of Education (AICE)
- AP Capstone

# 04

## Opportunity Cost & Actual Cost

# Opportunity Cost

		2018	2019	2020	2021	2022
Percentage of students classified and with 504s	HS only	n/a	n/a	n/a	201/830 24.2%	189/781 24.1%
ENL students	HS only	n/a	n/a	n/a	8/830 .96%	12/781 1.5%
Students Classified, with 504s, or ENL	AP	n/a	n/a	n/a	54/335 16%	37/334 11%
Students Classified, with 504s, or ENL	IB	n/a	n/a	n/a	36/226 16%	30/182 16%

# Opportunity Costs

- Opportunities for students
  - Pursuing areas of strength or interest, choice
  - Acceleration
- How does this affect class sizes & staffing?
  - Students switching
  - Level loading

Year	Non-AP/IB	AP	IB
2019	12.72	19.15	12.19
2020	12.64	17.64	12.88
2021	11.97	15.59	12.04
2022	13.89	17.15	12.36
Average	12.81	17.38	12.37

# Actual Costs: AP

- Training: we budget \$1,000
- Historical AP Exam fees (per exam)

2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
96	95	95	94	94	93	92	91	89	89

- Annual Fee (\$0)
- Curriculum Writing
- IDW (BOCES)
- Financial need reduction (\$34/exam)
- College Board Large Group Rebate (\$250-\$500 annual)
- Textbooks
- Lab Materials
- St. Rocco's (May 2022= \$6,300)

# Actual Costs: IB

- Training: we budget \$2,000
- Historical IB Subject Fees (per exam)

2022	2021	2020	2019	2018	2017	2016
119	119	119	119	119	116	113

- Annual Fee (11,650)
- Curriculum Writing
- Guild of IB Schools (\$350 Total)
- Extended Essay Mentors (\$350/mentor)
- NYS Waivers (May 2021-\$2,166)
- IB Reimbursement Funding (2021- \$4,300)
- Textbooks
- Lab Materials
- St. Rocco's (May 2022- \$6,300)
- Shipping
- (Registration Fees eliminated July 2019)

# IB Historical Fees

- IB Subject/Exam fee - Per Student

2022	2021	2020	2019	2018	2017	2016
119	119	119	119	119	116	113

- Registration fee- **permanently eliminated** 2020 - (was per student)

2022	2021	2020	2019	2018	2017	2016
0	0	0	172	172	168	164

- Annual fee (For High School Membership in IBO)

2022	2021	2020	2019	2018	2017	2016
11650	11650	11650	11650	11650	11370	11090

# Exam Cost Totals

	2021	2022
AP	\$37,639	\$40,218
IB	\$53,729	\$37,128



**January 6, 2022**

Recommendations &  
the path forward



# THANK YOU

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