

# CENTENNIAL HIGH SCHOOL

*Collaborate. Think. Learn. Create.*



*Use the QR code to find tonight's schedule and presentation*

# Welcome to IB Information Night



## **5:30-5:55 The Auditorium**

**What is the IB Diploma Program?**

**What are the benefits of pursuing the IB Diploma?**

## **6:00 – 6:10 Auditorium**

**8<sup>th</sup> & 9<sup>th</sup> Grade Family Q & A**

## **6:00-7:15 2<sup>nd</sup> H Hallway Classrooms**

**Learn about IB Subjects & Coursework**

**What is the IB Core**

What is an IB education?

# IB STATISTICS

- ▶ 3590 Diploma Programme schools worldwide
  - ▶ 1826 DP schools in the Americas
    - ▶ 957 US schools
      - ▶ 37 GA schools



**Centennial HS is 1 of 4 Fulton IB World Schools**

## What is IB?

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The IB Learner Profile is the IB mission statement translated into a set of learning outcomes for the 21<sup>st</sup> century.



# IB DIPLOMA PROGRAMME

- Comprehensive program of study
- 1-year & 2-year courses
- Student-centered & inquiry-based
- Multiple types of assessment
  - External
  - Internal
  - Exams, orals, presentations, essays, projects, and labs



# IB Diploma Programme Course of Study



## 11<sup>th</sup> and 12<sup>th</sup> Grade

### Subject Groups

Group 1	Language A (English)
Group 2	Language B (French or Spanish)
Group 3	Individuals and Societies
Group 4	Science
Group 5	Mathematics
Group 6	Arts
Core	Theory of Knowledge (TOK)

### External Work

Core - CAS

Core - Extended Essay

**Full Diploma Program** students take 1 course from each group and complete the IB core  
**Course Candidates** select courses according to interest

# STANDARD LEVEL COURSES (SL)



World Language -Spanish, French, or Ab Initio

Biology

Music

Chemistry\*

Mathematical Analysis & Application\*

Mathematical Applications & Interpretation\*

Film\*

Economics\*

Business & Management\*

*Full Diploma = Select 3 SL Courses*

\* 1-year course

# HIGHER LEVEL COURSES (HL)

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IB Language and Literature (Required)

IB History of the Americas (Recommended)

IB Language B Spanish

IB Biology

IB Visual Arts

IB Business and Management

*Full Diploma = Select 3 HL Courses*

HL = 2 year course



# SAMPLE: Diploma Plan - STEM + Music



## 11<sup>th</sup> & 12<sup>th</sup> Grade

### Year 1

**Language & Literature HL Year 1**

French B SL Year 1

**History of the Americas HL Year 1**

***Biology HL Yr 1***

Math Analysis and Applications SL Year 1~

Music SL Year 1 (Band, Orch, Chorus)

Theory of Knowledge Year 1 (Spring)

### Year 2

**Language & Literature HL Year 2 ~**

French B SL Year 2 ~

**History of the Americas HL Year 2 ~**

***Biology HL Yr 2~***

< *AP BC Calculus* >

Music SL Year 2 (Band, Orch, Chorus) ~

Theory of Knowledge Year 2 (Fall)

3<sup>rd</sup> Higher Level = Sciences

6<sup>th</sup> Subject

~ IB Exam

Economics - FVS Summer

# SAMPLE: Diploma Plan – Focus on International Business

## 11<sup>th</sup> & 12<sup>th</sup> Grade



### Year 1

**Language & Literature HL Yr 1**

**History of the Americas HL Yr 1**

**Math Application & Interpretations SL Year 1~**

**Chemistry SL**

**Spanish SL Year 1**

**Business and Management HL Y1**

**Theory of Knowledge Year 1 (Spring)**

### Year 2

**Language & Literature HL Yr 2 ~**

**History of the Americas HL Yr 2 ~**

**<AP Statistics>**

**4<sup>th</sup> Science or Elective**

**Spanish SL Year 2**

**Business and Management HL Y2 ~**

**Theory of Knowledge Year 2 (Fall)**

3<sup>rd</sup> Higher Level  
(6<sup>th</sup> Subject)

~ IB Exam

# Summary: How do students earn an IB Diploma?



Take 3 Higher Level and 3 Standard Level classes across 6 subjects.



Complete the IB Core: Theory of Knowledge, CAS hours, and the Extended Essay.



Achieve 24 total points (out of 45 total) on IB exams & meet core requirements  
(Exam scores are on a 1-7 scale)

## Why IB? The Student Experience



“We actually talk about things that are worthwhile because they have **real-life application**.”

“It gave me a **community** at Centennial where I am able to share my ideas.”

“It has made me better at **balancing school** and making time to work on studies and focusing on creative aspects of myself.”

“**We dive deeper into things we study** instead of covering a wide range of broad topics.”

“Theory of Knowledge- **Mind blowing**, 5 stars, it’s my favorite class.”



# Recognized by Top Tier Colleges and Universities

Ivy League = Average of 18% higher acceptance rate  
Top ranked universities = Average of 22% higher acceptance rate

# IB Acceptance Rates at Top Universities in U.S.

Institution	IB Acceptance Rate	General Acceptance Rate
Massachusetts Institute of Technology (MIT)	<b>23.1%</b>	7.2%
Stanford University	<b>17%</b>	4.65%
Harvard University	<b>12.2%</b>	5.1%
California Institute of Technology	<b>28.3%</b>	8%
University of Chicago	<b>60.3%</b>	7.9%
Princeton University	<b>17.2%</b>	6.5%
Cornell University	<b>47%</b>	14.1%
Yale University	<b>14.3%</b>	6.3%
Brown University	<b>19.2%</b>	9.3%



# IB Acceptance Rates at Top Universities in U.S.

Institution	IB Acceptance Rate	General Acceptance Rate
Columbia University	<b>13.9%</b>	6%
University of Pennsylvania	<b>31.6%</b>	9.4%
University of Michigan	<b>70.8%</b>	28.6%
Duke University	<b>36.2%</b>	9%
University of California (Berkeley)	<b>45.5%</b>	17.5%
Northwestern University	<b>48.8%</b>	9%
University of California (Los Angeles)	<b>41.4%</b>	18%
University of Texas at Austin	<b>81.5%</b>	39%
Carnegie Mellon University	<b>69.6%</b>	13.7%
New York University	<b>46.8%</b>	33%
Georgia Institute of Technology	<b>79.4</b>	25%

# Centennial IB Students & College Acceptances 2020-2023



93 % Acceptance Rate



89 % Acceptance Rate

UNIVERSITY OF  
**GEORGIA**





# Is IB a fit for me?



The IB Diploma Programme (DP) is available to students in grades 11 and 12.



IB Courses are available to students in grades 11 and 12



High performing students are invited to participate in the Full Diploma & IB Courses.

High Performing =  $\geq 85\%$  average;  $\geq 75\%$  standardized test scores, and/or teacher recommendation

**KEY = Motivation to Succeed**



# Recommended Coursework

	Grade 9	Grade 10
Literature (Group 1)	Literature and Composition I H	Literature & Composition II H
	Literature and Composition II H	AP Language & Composition

# Recommended Coursework



		Grade 9	Grade 10
Language Acquisition	Path 1	<p>French 2H/2</p> <p>Spanish 2H/2</p>	<p>French 3H/3</p> <p>Spanish 3H/3</p>
	Path 2	<p>French 1 (Summer Fr2)</p> <p>Spanish 1 (Summer Sp2)</p>	<p>French 3H</p> <p>Spanish 3H/3</p>
	Path 3	<p>French 1 or limited exposure to French</p> <p>Spanish 1 or limited exposure to Spanish</p>	

# Recommended Coursework



	Grade 9	Grade 10
Social Studies	AP Government	AP World History
Sciences	Biology H	Chemistry H

Required for HS Graduation – Physical Science 1 Credit  
Economics .5 Credit



# Recommended Coursework



	Grade 9	Grade 10
Mathematics	Algebra 1	Geometry
	Geometry H	Advanced Algebra H OR Enhanced Advanced Alg /AP Pre Calculus

# Recommended Coursework



	Grade 9	Grade 10
The Arts or Electives	Visual Arts	Level 2 or 3 of Elective
	Audio Video Technology 1 or 2 Healthcare Sciences 1 or 2	Level 2 or 3 of Elective
	Performing Arts <i>Theater, Band, Chorus, Orchestra</i>	Level 2 or 3 of Elective
	Intro to Software Tech OR Game Design (C#)	AP Computer Science A (Java) OR AP Comp Sci Principles (Python)

*1 Health & PE credit is required for HS graduation*

# IB Breakout



The Core

IB & AP: How are they the same and different?

IB Assessment

Dr. von B

# THE IB CORE – Required for Full Diploma Students



CREATIVITY, ACTIVITY,  
AND SERVICE (CAS)



THEORY OF KNOWLEDGE  
(TOK)



EXTENDED ESSAY (EE)

*Completed Spring of Junior Year through Fall of Senior Year.*



## CREATIVITY, ACTIVITY, AND SERVICE (CAS)

- Select a CAS project.
- Participate in a variety of other CAS experiences
- Through reflection, demonstrate that you accomplished each of 8 learning outcomes.

- *Identify strengths and areas for growth*
- *Undertake challenges, developing new skills*
- *Initiate and plan CAS experiences*
- *Show commitment and perseverance*
- *Recognize the benefits of working collaboratively*
- *Engage with issues of global importance*
- *Consider the ethics of choices and actions*



- Select a topic from one higher-level course.
- With the guidance of a faculty mentor, students research the topic and write a 3,000 to 4,000-word essay.
- Completed Spring of Junior year through Fall of Senior year.

## EXTENDED ESSAY (EE)





## THEORY OF KNOWLEDGE (TOK)

- Study and discuss various areas and ways of knowing, seeking answers to the questions:  
*“How do we know?” and “What is knowledge?”*
- Candidates conduct presentations on current issues as they relate to knowledge questions.
- The Class meets Spring of Junior Yr & Fall of Senior Yr (7:15-8:10 Monday, Wed, & Friday)
- Completion of this course counts toward the GADOE International Skills Gold Seal.

# IB Diploma Program & AP Coursework

## IB Full Diploma

- Comprehensive program across 6 subjects.
- Coursework across 6 subjects
- 2-year courses
- Exams short answer and essay

## Both

- Increase likelihood of success in college
- Students can earn college credit
- Offered at CHS

## AP

- 1-year courses.
- Pick and choose subjects.
- Exams- Multiple choices & short answer

*January 9<sup>th</sup> @6:00: Attend our IB, AP, and Dual Enrollment Night*  
*January 16 @6:30: Dual Enrollment: Evening with College Reps*

**“IB COURSES TEND TO GO INTO MORE DEPTH...IB COURSES ARE ALSO MORE ACTIVE AND RIGOROUS THAN ADVANCED PLACEMENT COURSES. THEY FOCUS ON HOLISTIC LEARNING, PROBLEM-SOLVING AND CREATIVE THINKING TO A GREATER DEGREE THAN AP CLASSES.”**

- Rutz, Jarek. “The Differences Between AP and IB” US News & World Report. 23 August 2023.

# What are the benefits of IB?

**A levels/ AP**

**IB**

Admissions officers in the UK & US were asked “How well do you think the exam systems develop the following qualities in students at present?”

94	<b>Developing in-depth subject expertise</b>	56
49	<b>Encouraging independent inquiry</b>	94
2	<b>Developing workplace skills</b>	67
24	<b>Nurturing an open mind</b>	93
47	<b>Developing self-management skills</b>	91
8	<b>Developing intercultural skills</b>	70
7	<b>Encouraging a global outlook</b>	97
15	<b>Encouraging Creativity</b>	37
4	<b>Instilling a positive approach to risk-taking</b>	24
<b>37</b>	<b>Nurturing communication skills</b>	<b>44</b>
<b>62</b>	<b>Developing the ability to cope under pressure</b>	<b>66</b>
<b>73</b>	<b>Propensity to complete their degree</b>	<b>83</b>

% that indicated “well or very well.”

# University Credit



## GEORGIA TECH

Full Diploma = 18 - 34  
credits depending on  
exam scores. [website](#)

## UNIVERSITY OF GEORGIA

4-12 credits per exam.  
IB students average 7  
courses [website](#)



# ASSESSMENTS IN IB

*Internal Assessments*



*External Assessments*



1-7

# ASSESSMENTS IN AP

*External Assessments*



1-5



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# ASSESSMENT IN IB

## *Internal Assessments*

Graded *internally* by the classroom teacher during the IB course (either Y1 or Y2)

Random samples sent worldwide to IB examiners for moderation of scores, feedback provided to teacher

Various formats: *oral, essay, research, visual, product, lab, performance*

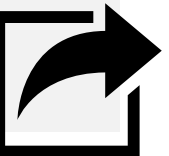
## *External Assessments*

Timed, *standardized IB exams* given in *May* at end of course (year 2, nominally)

2-3 parts for most exams, largely *constructed response*

All exams sent world-wide to IB Examiners for grading

Scores communicated to school and students in July after the exams



## Diploma Programme Course Offerings

Subject	(Courses beginning Junior Year)	Full Diploma: Choose 3 Higher Level and 3 Standard Level Courses
Group 1: English	Language & Literature (Required)	Higher Level
Group 2: Language Acquisition	French French Ab Initio Spanish Spanish Ab Initio	Standard Level Standard Level Standard & Higher Level Standard Level
Group 3: Individuals & Societies	History of the Americas (Recommended) Economics Business and Management	Higher Level Standard Level* Higher or Standard Level*
Group 4: Sciences	Chemistry Biology	Standard Level Higher Level or Standard Level
Group 5: Mathematics	Applications & Interpretations Analysis and Applications	Standard Level* Standard Level*
Group 6: Arts/Electives	Music Visual Arts Film	Standard Level Higher Level Standard Level*
Group 6 requirements can be met with a 2 <sup>nd</sup> course from group 2, 3, and 4		* 1 year course
<p>The Full Diploma Core: Completed Spring semester of Junior year through Fall semester of Senior year.</p> <ul style="list-style-type: none"> <li>• Theory of Knowledge (TOK) – Class meets MWF from 7:15-8:10 am. Course also meets SS requirement for the GADOE International Skills Seal</li> <li>• Creativity, Action, and Service- Service learning project &amp; projects of choice</li> <li>• Extended Essay- Research project with topic of choice. Supervised by a CHS Faculty Member</li> </ul>		

## Recommended Coursework for 9<sup>th</sup> & 10<sup>th</sup> Grade Students

		Grade 9	Grade 10
Literature		Literature and Composition I H	Literature & Composition II H
		Literature and Composition II H	AP Language & Composition
Language Acquisition	Path 1	French 2H/2 Spanish 2H/2	French 3H/3 Spanish 3H/3
	Path 2	French 1 (Summer Fr2) Spanish 1 (Summer Sp2)	French 3H Spanish 3H/3
	Path 3	French 1 or limited exposure to French Spanish 1 or limited exposure to Spanish	
Individuals and Societies		AP Government	AP World History
Sciences		Biology H	Chemistry H
Math		Algebra 1	Geometry
		Geometry H	Advanced Algebra H
The Arts or Electives		Visual Arts	Level 2 or 3 of Elective
		AVT 1, or 2	Level 2 or 3 of Elective
		Performing Arts (Theater, Band, Chorus, Orchestra)	Level 2 or 3 of Elective
		Intro to Software Tech or Game Design (C#)	AP Computer Sci A (Java) or AP Comp. Sci Principles (Python)
<i>Graduation Requirements</i>		<i>Health and PE</i>	<i>Physical Science &amp; Economics</i>

## Handouts and Information

[Centennial IB Course Catalog .docx](#)

[Diploma Programme \(DP\) - International Baccalaureate® \(ibo.org\)](#)

### Research on IB and Higher Education

[IB Acceptance Rates – Crimson Education 2018](#)

[IBSCA International Schools, Annual Survey of University Admissions Officers 2017](#)

[US News & World Report: The Differences between AP and IB 2023](#)

