

Trinity High School

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International Baccalaureate Curriculum Guide 2010-2011



Trinity High School Mission Statement

Trinity High School, in the Sinsinawa Dominican tradition, challenges young women to seek faith, knowledge and truth. The school community guides young women in developing skills for lifelong learning, an ethic of care, and the desire for excellence. Each student is recognized as unique. In a nurturing, Catholic, college preparatory environment, she is encouraged to become self-directed toward responsible participation in the Christian community in order to impact society, Church and family in the twenty-first century.



International Baccalaureate Organization Mission Statement

The International Baccalaureate Organization aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect. To this end the IBO works with schools, governments and international organizations to develop challenging programmes of international education and rigorous assessment. These programmes encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.



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Expectations

The Pre-IB years are designed as an introduction to the content and methods employed in the official two-year IB Program which begins junior year. Areas such as study skills, reading comprehension, written and oral communication, and time management are emphasized. The following general expectations are meant to facilitate an effective transition into the program.

During Freshman and Sophomore Years:

- ◆ Payment of \$100 Pre-IB fee
- ◆ Thorough review during the third block (may be retained or moved – WILL be moved if failing any class)
 - For full and partial IB students, a B- is the recommended cumulative grade which should be earned in order to continue in a particular subject. Each student's overall performance and motivation are considered on an individual basis.
- ◆ Invitation to continue in the pre-IB program as a sophomore (whether full or partial) is based on GPA, teacher recommendations and student's commitment to succeed.
- ◆ Completion of self-evaluation and attendance at informational meeting during the second session of sophomore year.

During Junior and Senior Years:

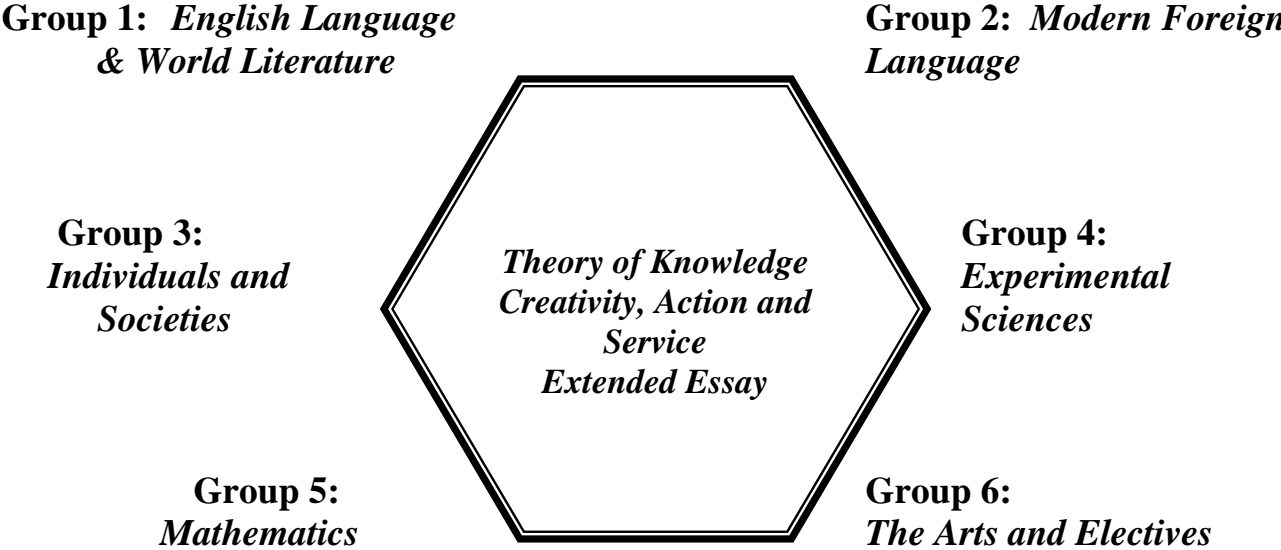
- ◆ Payment of all applicable exam and TOK fees
- ◆ Review of grades during junior year:
 - diploma candidate ~ C as lowest recommended grade
 - certificate candidate ~ C+ as lowest recommended grade
- ◆ IB Agreement (signed by parents, student, IB Coordinator) stating the requirements of the program for either a certificate or diploma candidate (see page 14):
 - ❖ Fees
 - ❖ Creativity, Action and Service [CAS]
 - ❖ Theory of Knowledge [TOK]
 - ❖ Extended Essay
 - ❖ Expectation of students sitting for exams
 - ❖ Participation in CAS group experience at the end of sophomore year
 - ❖ Meeting all deadlines set forth by teachers and the IB Organization
 - ❖ A withdrawal fee of \$150 will be incurred for dropping any course at the student's request after the IB Agreement has been signed and courses have begun.

Sample IB Diploma Junior Schedule				
	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
Period 1 8:00 – 9:25	Math SL or Math Studies	Math SL or Math Studies	Math Studies or Elective	Theology
Period 2 9:41 – 11:06	IB Chemistry, ITGS, Film or Art Design	IB Chemistry, ITGS, Film or Art Design	Theory of Knowledge	IB Chemistry or Elective
Period 3/Lunch 11:11 – 12:06	Study/ Tutoring / Club Meetings / Technology Center / CAS Seminar / Library / Essay Mentoring / Etc.			
Period 4 12:11 – 1:36	IB History	IB History	IB French III	IB French III
Period 5 1:40 – 3:07	IB English III	IB English III	IB Biology	IB Biology

Sample IB Diploma Senior Schedule				
	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
Period 1 8:00 – 9:25	IB English IV	IB English IV	Theory of Knowledge	Theology
Period 2 9:41 – 11:06	IB French IV / IB History Seminars	IB French IV	IB French IV	IB English IV / IB Biology Seminars
Period 3/Lunch 11:11 – 12:06	Study/ Tutoring / Club Meetings / Technology Center / CAS Seminar / Library / Essay Mentoring / Etc.			
Period 4 12:11 – 1:36	Art Design, ITGS, Film or Elective	Art Design, ITGS, Film or Elective	Math SL or Elective	Math SL or Elective
Period 5 1:40 – 3:07	IB Biology	IB Biology	IB History	IB History

IB Curriculum

Created in 1968, the IB Diploma Program is a comprehensive two-year international curriculum emphasizing critical thinking, intercultural understanding and exposure to multiple points of view. Derived from a traditional liberal arts model, the program incorporates the best elements of national systems without being based on any single one.



Trinity High School IB Curriculum

In order to qualify for an IB Diploma, students must:

- ☞ Test in 3 Higher Level courses (HL) and 3 Standard Level courses (SL)
 - ☞ Study one course from each of the six subject areas
 - ☞ Enroll in English (HL) and History (HL)

Group 1: Language A1

- ☐ English Language & World Literature (HL)

Group 2: Language B

- ☐ French B (SL)
- ☐ Italian B (SL)
- ☐ Spanish B (SL)

Group 3: Individuals and Societies

- ☐ History of the Americas (HL)
- ☐ Information Technology in a Global Society [ITGS] (SL)

Group 4: Experimental Sciences

- ☐ Biology (HL)
- ☐ Advanced Chemistry (SL)

Group 5: Mathematics

- ☐ Mathematics SL
- ☐ Mathematical Studies (SL)

Group 6: Arts and Electives

- ☐ Art/Design A (HL)
- ☐ Art/Design A (SL)
- ☐ Advanced Chemistry (SL)
- ☐ Film Study (SL)
- ☐ ITGS (SL)

*For diploma candidates, at least three and not more than four courses are taken at higher level (HL), the others at standard level (SL). HL courses represent a recommended 240 teaching hours, SL courses 150 hours. Students are thus able to achieve depth of study in the context of a broad and coherent curriculum over the two-year period. Trinity students complete well beyond the recommended hours for both HL and SL courses.

Course Descriptions

Group I: English Language & World Literature

English III & IV (HL)

Grade Level: 11-12

2.25 Sessions over 2 years

2.25 Credits

Prerequisite:

Admission to the IB Program and Pre-IB English I and II

IB English is a two-year course providing an intensive, broad study of World Literature and language with an emphasis on twentieth-century works. Throughout the thematic organization of the course, students will examine literary genres, styles, and narrative techniques in depth, noting similar and unique approaches to depicting human concerns across cultures. A variety of written and oral activities will enable students to develop sophisticated skills in interpretation and expression. The focus of the course is to challenge students' critical and creative abilities through both internal and external assessments. The mandatory senior IB English Seminar is intended to review the skills essential in literary analysis and analytical writing. Student participation through class discussion and written work including the taking of mock IB English exams is stressed. The seminar is graded on a pass/fail basis. Students sit for the Language A1 Examination at the end of the senior year.

Group 2: Modern Foreign Language

French, Italian or Spanish III & IV (SL)

Grade Level: 11 & 12

2.25 Sessions over 2 years

2.25 Credits

Prerequisite:

Admission to the IB Program and Pre-IB French, Italian or Spanish I, and II with recommendation of teacher

Over the two years, the student expands her base of vocabulary and grammar through active, continuous use of the target language both orally and in writing. Students explore topics in newspaper and magazine articles, novels, short stories, poetry, videos and tapes. Reading, writing, speaking and listening skills are honed and refined. Students develop analytical skills to comprehend literary works using standard oral and written forms. Graded on a pass/fail basis, the required Foreign Language Seminar is intended to review, further develop and polish skills for writing essays, reading texts, and preparing oral presentations. The Foreign Language Examination is taken at the end of the senior year.

Group 3: Individuals and Societies

History of the Americas/20th Century Topics in History (HL)

Grade Level:	11-12	2.25 Sessions over 2 years	2.25 Credits
Prerequisite:		Admission to the IB Program and Pre-IB History	

IB History is a two-year course which examines the History of the Americas from 1933-1981, Twentieth Century Topics and historical documents on a prescribed topic. The History of the Americas is covered during junior year with emphasis on the major historical events of the U.S. and Canada. Topics include the Second World War and the Americas, the Cold War and the Civil Rights and social movements in the Americas. During senior year, historical documents are evaluated and interpreted during the first block. Focus is on peacemaking, peacekeeping and international relations from 1918-1936. During the third and fourth blocks students examine the causes, effects and practices of wars, the origins and development of authoritarian and single-party states and the Cold War from 1981 through 1991. Additionally, the study of historical methods and historiography is covered to insure that students are familiar with the variety of historical sources and the different interpretations of the past. The IB History Seminar addresses international relations from 1918-1936 with emphasis on the Paris Peace Settlement. Skills for document analysis are taught and practiced in preparation for the IB exams. Additionally, students complete three of the six components of the IB required 2000 word Historical Investigation. Completion of all components is required in order to continue in IB History 12 during the third and fourth blocks. The seminar is graded and included in the student's G.P.A. Students sit for the 5-hour History exam at the end of senior year.

Group 4: Experimental Sciences

IB Biology (HL)

Grade Level:	11-12	2.25 Sessions over 2 years	2.25 Credits
Prerequisite:		Admission to the IB Program; Pre-IB Biology and Pre-IB Chemistry	

IB Biology is an experimental science course which provides students with opportunities for research and discovery. Through personal experience in the scientific method the student develops an understanding of this method and the stimulation of inquiry. Readings, discussions, audio visuals, demonstrations and a strong emphasis on laboratory investigations are employed in the learning process. Dissection is required; therefore, exceptions to this requirement must be expressed at the beginning of the junior year and will incur an additional laboratory fee. The IB Biology Seminar is intended to review the material covered in IB Biology 11 and 12. Student participation through presentations and the taking of mock IB exams is stressed. The seminar is graded on a pass/fail basis. Students sit for the Biology exam at the end of senior year.

Full Diploma Requirements

Theory of Knowledge [TOK]

Grade Level: 11 & 12 1 Credit
1 Session over two years

Prerequisite: Full IB diploma candidate

Theory of Knowledge is a two-year course that provides a substantive base to the IB curriculum. Its aim is to examine methods of thinking across the content areas, challenging students to reflect on and develop their critical and creative abilities. Course work will center discussion, written expression and creative projects on the range of methodologies and beliefs found in the humanities, social and natural sciences, ethical, moral and aesthetic thought, and logic and argumentation. Students discuss knowledge, language and communication as it relates to each of the academic areas. The ultimate design of the course is to promote open inquiry as the key to all learning. TOK is a pass/fail course that is contingent upon successful completion of **ALL** assignments.

Creativity, Action and Service [CAS]

Grade Level: 11 & 12 0.5 Credits
0.50 Sessions over two years
Prerequisite: Full IB diploma candidate

The CAS requirement takes seriously the importance of life outside the world of scholarship, providing a refreshing counterbalance to the academic self-absorption some may feel in a demanding school program. Students are encouraged to share their artistic, athletic and other special talents with the community. Over the course of the junior and senior years, students engage in both long-term service projects and multiple activities within the school environment and the greater community. Students are required to keep records of each CAS activity, self-evaluation journals and a final summary report for the CAS program. Students begin their CAS involvement with a group experience at the beginning of their junior year and must accumulate a minimum of 150 hours.

Extended Essay [EE]

Grade Level: 11 & 12
Prerequisite: Full IB diploma candidate

The Extended Essay is an in-depth writing project that evolves over a year-long period. Its goal is to enable students to experience independent research and to practice effective methods of written expression such as that undertaken in college. Under the direction of a faculty mentor, the student will focus, organize and develop the essay on a topic of her choice. The essay must be, at most, 4000 words in length and adhere to the specific subject assessment criteria as described in the Extended Essay Guide which is given to the student during her junior year. A central component of the diploma program, the Extended Essay is submitted during senior year in lieu of the research paper requirement in English class.

IBO Course Requirements, Exams and Assessment Percentages for May 2010

Language A1 (HL): *English Language and World Literature*

Two Oral Assessments, worth 30% of overall assessment.

- 1). Formal Oral Commentary of 15 minutes based on a literary passage.
- 2). Informal Oral Presentation based on works of school's choice.

Two written World Literature Papers worth 20% of overall assessment.

- 1). 1000-1500 word essay on Part I World Literature works.
- 2). 1000-1500 word written literature component.

May Exam: "Paper 1" for 2 hours worth 25% of overall assessment.
"Paper 2" for 2 hours worth 25% of overall assessment.

Language B (SL): *French, Italian or Spanish*

Two Oral Assessments, worth 30% of overall assessment.

- 1). A 10-minute individual oral based on a student's choice of work with teacher approval.
- 2). An interactive oral activity.

May Exam: "Paper 1" for 1 hour and 30 minutes worth 40% of overall assessment.
"Paper 2" for 1 hour and 30 minutes worth 30% of overall assessment.

Individuals and Societies (HL): *History of the Americas/Twentieth Century Topics*

Submission of 2000 word Historical Investigation, worth 20% of overall assessment.

May Exam: "Paper 1" for 1 hour worth 20% of overall assessment.
"Paper 2" for 1 hour and 30 minutes worth 25% of overall assessment.
"Paper 3" for 2 hours and 30 minutes worth 35% of overall assessment.

Experimental Sciences (HL): *Biology*

Submission of practical notebooks (lab books) and a 10-hour group project, worth 24% of overall assessment.

May Exam: "Paper 1" for 1 hour worth 20% of overall assessment.
"Paper 2" for 2 hours and 15 minutes worth 36% of overall assessment.
"Paper 3" for 1 hour and 15 minutes worth 20% of overall assessment.

Mathematics (SL): *Math Studies or Mathematics*

Studies: Submission of a math project, worth 20% of overall assessment.

May Exam: "Paper 1" for 1 ½ hours worth 40% of overall assessment.
"Paper 2" for 1 ½ hours worth 40% of overall assessment.

Mathematics: Submission of portfolio, worth 20% of overall assessment.

May Exam: "Paper 1" for 1 ½ hours worth 40% of overall assessment.
"Paper 2" for 1 ½ hours worth 40% of overall assessment.

6th Subject (SL): *Art/Design, Chemistry, Film Study or ITGS*

Art/Design (HL) and (SL): Submission of research workbooks, worth 40% of overall assessment. Exhibition of selected artwork and interview conducted by an external art examiner, worth 60% of overall assessment.

Chemistry: Submission of practical notebook (lab books), worth 24% of overall assessment.

May Exam: “Paper 1” for 45 minutes, worth 20% of overall assessment.
“Paper 2” for 1 hour and 15 minutes, worth 26% of overall assessment.
“Paper 3” for 1 hour, worth 30% of overall assessment.

Film Study: Assessments include an independent study of a documentary, worth 25% of overall assessment; an oral analysis of a film sequence, worth 25% of overall assessment; and a film project and production portfolio, worth 50 % of overall assessment.

ITGS: Submission of long term project (a paper of 2000-2500 words, a project and a log) worth 30% of overall assessment.

May Exam: “Paper 1” for 1 hour worth 35% of overall assessment.
“Paper 2” for 2 hours worth 35% of overall assessment.

TOK: *Theory of Knowledge*

One 1200-1600 word essay on a prescribed IB title, externally assessed, and an oral presentation, internally assessed, are required.

CAS: *Creativity, Action and Service*

Students must perform a minimum of 150 service hours over two years and write personal reflection journals following completion of individual and group activities.

EE: *Extended Essay*

Diploma candidates must submit a 4000 word essay on a selected topic. IBO recommends that students have a year to complete this project. The Extended Essay is begun during the second session of junior year and is submitted in senior year at the end of the first session.



Explanation of Scoring

- Each examined course within the International Baccalaureate Organization is graded on a scale from 1 (minimum) to 7 (maximum).
- The award of the diploma requires students to meet defined standards and conditions including a minimum total of 24 points or 28 points depending on grades received on the higher level. All assessment components must be submitted. In addition to the point total, students must satisfactorily complete the Extended Essay, TOK, and CAS activities. The maximum score of 45 points includes three bonus points for superior work in the Extended Essay and TOK.

Process to withdraw from the International Baccalaureate Program

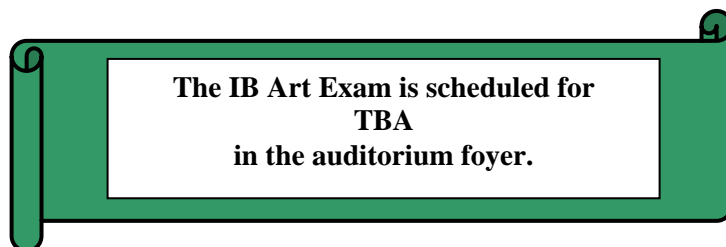
- ❖ Students are given every encouragement to remain in the two-year IB Program. However, on a rare occasion, a change may be necessary. If you have already declared your intention to be a full diploma candidate and wish to change your status to a certificate candidate you must:
 1. Arrange for a meeting between IB Coordinator, parent and student (Guidance counselor and/or Dean of Students may also attend)
 2. Write a letter that includes your awareness of the following consequences of dropping the full diploma program:
 - ❑ No longer required to write the extended essay
 - ❑ No longer responsible for CAS hours
 - ❑ Required to take two religion classes both Junior and Senior year
 - ❑ No longer enrolled in Theory of Knowledge
 - ❑ No longer having your GPA based on a 5.0 scale
 - ❑ Guidance counselors will not be able to say that you have taken the most challenging curriculum offered at Trinity High School.
 - ❑ Payment of the specified fee for dropping an IB course, whether during the first or second year of study
 - ❑ The letter should be signed by the student, her parents, and the IB Coordinator.
 3. Give the signed letter to your guidance counselor who will authorize to have your schedule changed.
 4. A withdrawal fee of \$150 will be incurred for dropping any course in the program at the student's request after the IB Agreement has been signed and coursework has begun.

- ❖ If you are a certificate student and would like to withdraw from a class:
 1. Arrange for a meeting with the IB Coordinator.
 2. Write a letter addressing why you are dropping the course and your understanding of the fee involved. The letter should be signed by the student, a parent, and the IB coordinator.
 3. Give the signed letter to your guidance counselor who will authorize to have your schedule changed.
 4. A withdrawal fee of \$150 will be incurred for dropping a certificate course at the student's request after the IB Agreement has been signed and coursework has begun.

May 2010 IB Exam Schedule

<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>
3	4 English P1 9-11	5 Math SL & Math Studies P1 1-2:30	6 Math SL & Math Studies P2 9-10:30	7
10 English P2 9-11	11 History P1 12-1 History P2 1:30-3	12 History P3 8:30-11 Chemistry P1 1-1:45 Chemistry P2 2-3:15	13 Chemistry P3 9-10	14
17 Biology P1 12-1 Biology P2 1:30-3:45	18 Biology P3 9-10:15	19 Spanish P1 8:30-10 Spanish P2 10:30-12	20 ITGS P1 1-2	21 ITGS P2 8:30-10:30 Italian P1 12-1:30 Italian P2 2-3:30
24	25	26	27	28

All exams are held in the SMG Athletic Facility.



2009-2010 Exam Fee Schedule

The following is a table of fees for participation in the IB program at Trinity.

All fees are due to the Business Office in October.

Any questions or concerns should be directed to the IB Coordinator.

All Junior and Senior IB Diploma and Certificate Candidates	
<i>Registration fee: \$181</i>	<i>Exam fee: \$92</i>
<i>Senior Diploma Candidates who tested last year do not pay a registration fee.</i>	

- ☞ **Exam fees are not refundable if the student withdraws from a class after the November registration deadline.**
- ☞ **All students enrolled in any IB course must complete the required assessments which include sitting for the exams.**

Sample exam fees:

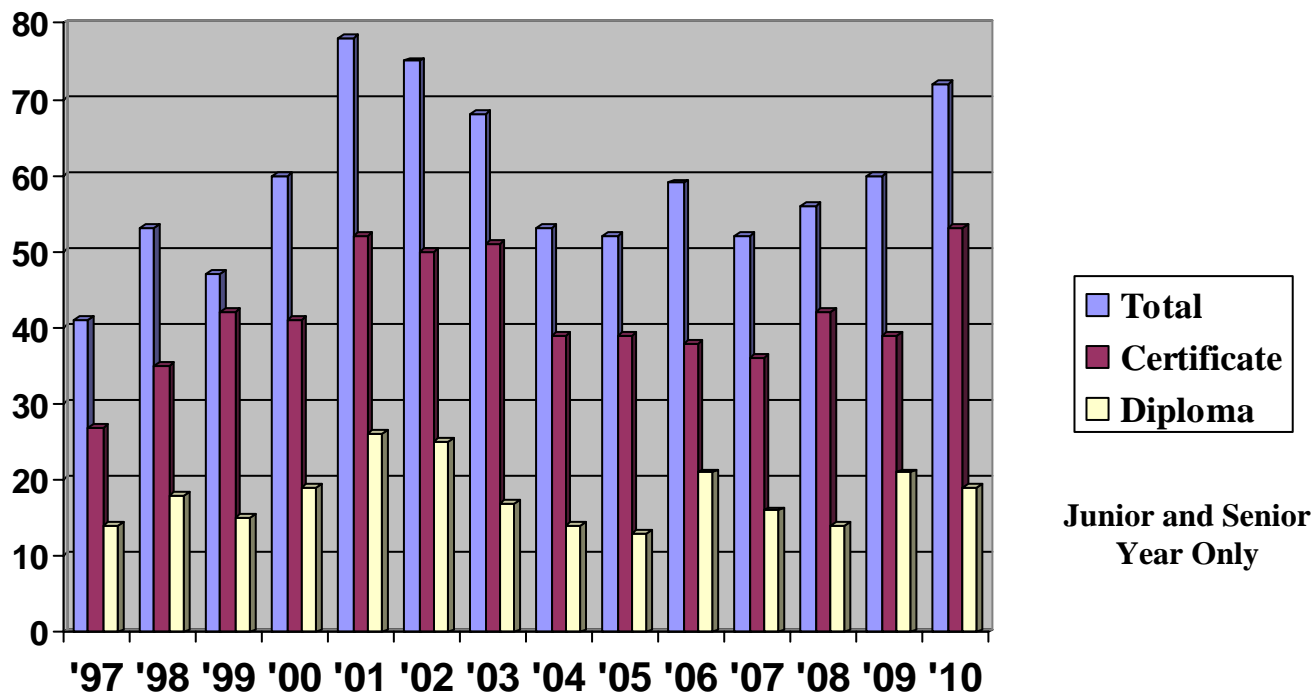
- ☞ Anne is a full diploma junior who will test in one subject:
 $\$181 + \text{one exam @ } \$92 = \$273$
- ☞ Tiffany is a certificate senior who will test in four subjects:
 $\$181 + \text{four exams @ } \$92 = \$549$
- ☞ Lauren is a full diploma senior who will test in five subjects
(and tested in one subject last year):
 $\text{Five exams @ } \$92 = \460

Samples of University Recognition Policies

- ❖ **Boston College:** for the past ten years granted credit for the IB Diploma. Three higher level passes can be assigned a total of six course credits. Occasionally, with special approval, a Standard level course with a clearly superior mark may be given credit. Contact: admissions@bcums.bc.edu
- ❖ **Bryn Mawr College:** one of the first colleges to award credit for the IB Diploma, normally grants a full year's credit to a student completing the Diploma with a score of 30 or above and honors scores in three higher level subjects. Contact: admissions office at 215-526-5152
- ❖ **DePaul University:** awards eight quarter hours credit for scores of at least 5 on most Higher Level IB examinations in subject areas offered by DePaul. In addition, students with bonus points in Theory of Knowledge receive four hours of credit satisfying the Phil 100 requirement. No credit is awarded for standard level examinations. Contact: mspang@wppost.depaul.edu
- ❖ **Indiana University:** will award up to 8 semester hours of advanced standing (transfer credit) for each higher level exam where a grade of 5 or better is earned. No advanced standing is given for standard level exams regardless of score obtained. Contact: intladm@indiana.edu
- ❖ **Marquette University:** success in Higher Level exams may merit the award of two semester courses per subject. Recipients of an IB Diploma may merit, in addition, the award of two more semester courses related to other areas of the student's program. Contact: Director of International Programs: 414- 288-7289
- ❖ **Northwestern University:** is limited to the award of two units (8 quarter hours) of credit for each score of at least 5 on the Higher Level exams. Contact: Assistant Dean at: 312-491-7559
- ❖ **Purdue University:** will grant credit for scores of 4 or better on the Higher Level subject examinations. No credit will be awarded for solely earning a Diploma, standard level exams or for scores below 4 on any higher level exams. All credit is subject to review by the appropriate department. Contact: admissions office at 317-494-1776
- ❖ **University of Chicago:** students may receive up to a year's worth of credit in a given subject for scores of 6 or 7 on the Higher Level exams. Scores of 5 are subject to faculty review. Students who have not earned the IB Diploma but who present good scores may also petition for credit. Contact: Dean of Admissions: 312-702-8660
- ❖ **University of Illinois-Champaign:** awards advanced placement credit to students on the basis of scores from several of the IB exams.

☞ Universities and colleges regularly review and update recognition policies. For the most current policy, please contact the institution directly, or visit the IBO web site at: www.ibo.org under diploma program and university recognition policies.

Number of Students in the International Baccalaureate Program



Percent Success Rate for the Diploma

'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	Overall
$\frac{9}{14}$	$\frac{18}{18}$	$\frac{14}{15}$	$\frac{17}{19}$	$\frac{23}{26}$	$\frac{25}{25}$	$\frac{17}{17}$	$\frac{11}{14}$	$\frac{13}{13}$	$\frac{19}{21}$	$\frac{13}{16}$	$\frac{12}{14}$	$\frac{19}{21}$	$\frac{?}{19}$	$\frac{210}{253}$ Awarded Attempted
64%	100%	93%	89%	88%	100%	100%	79%	100%	90%	81%	86%	90%		90% Success Rate

Note: The global pass rate for 2008 was 80%
The IBNA pass rate for 2008 was 80%

Little known fact: Female pass rate: 82.2%; Male pass rate: 79.2% ☺

IB Learner Profile

An IB education aims to develop internationally minded people who are striving to become:

- ❖ ***Inquirers*** ~ They acquire the skills necessary to conduct constructive research and become active, independent lifelong learners.
- ❖ ***Critical Thinkers*** ~ They exercise initiative in applying thinking skills critically and creatively to make sound decisions and to solve complex problems.
- ❖ ***Communicators*** ~ They receive and express ideas and information confidently in more than one language, including the language of mathematical symbols.
- ❖ ***Risk takers*** ~ They approach unfamiliar situations without anxiety, have confidence and independence, are courageous and articulate in defending what they believe.
- ❖ ***Knowledgeable*** ~ They explore concepts, ideas and issues with global relevance and make use of knowledge across a range of disciplines.
- ❖ ***Principled*** ~ They have a sound grasp of the principles of moral reasoning, integrity, honesty and a sense of fairness and justice.
- ❖ ***Caring*** ~ They show empathy, compassion and respect towards the needs and feelings of others and have a personal commitment to action and service.
- ❖ ***Open-minded*** ~ They are open to the views, values and traditions of other individuals and cultures and are accustomed to seeking and considering a range of perspectives.
- ❖ ***Well-balanced*** ~ They understand the importance of physical and mental balance and demonstrate perseverance and self-discipline.
- ❖ ***Reflective*** ~ They give thoughtful consideration to their own learning and analyze their personal strengths and weaknesses in a constructive manner.



