

Overview of the IB Career-related Programme

Information for Parents & Students

What is IB?

“... The **International Baccalaureate (IB)** is a not-for-profit foundation, motivated by its mission to create a better world through education.”

IB Programmes are a set of courses and student activities intended to develop students who are well prepared for college, career and beyond.



The IB Mission Statement for all of its Programmes:

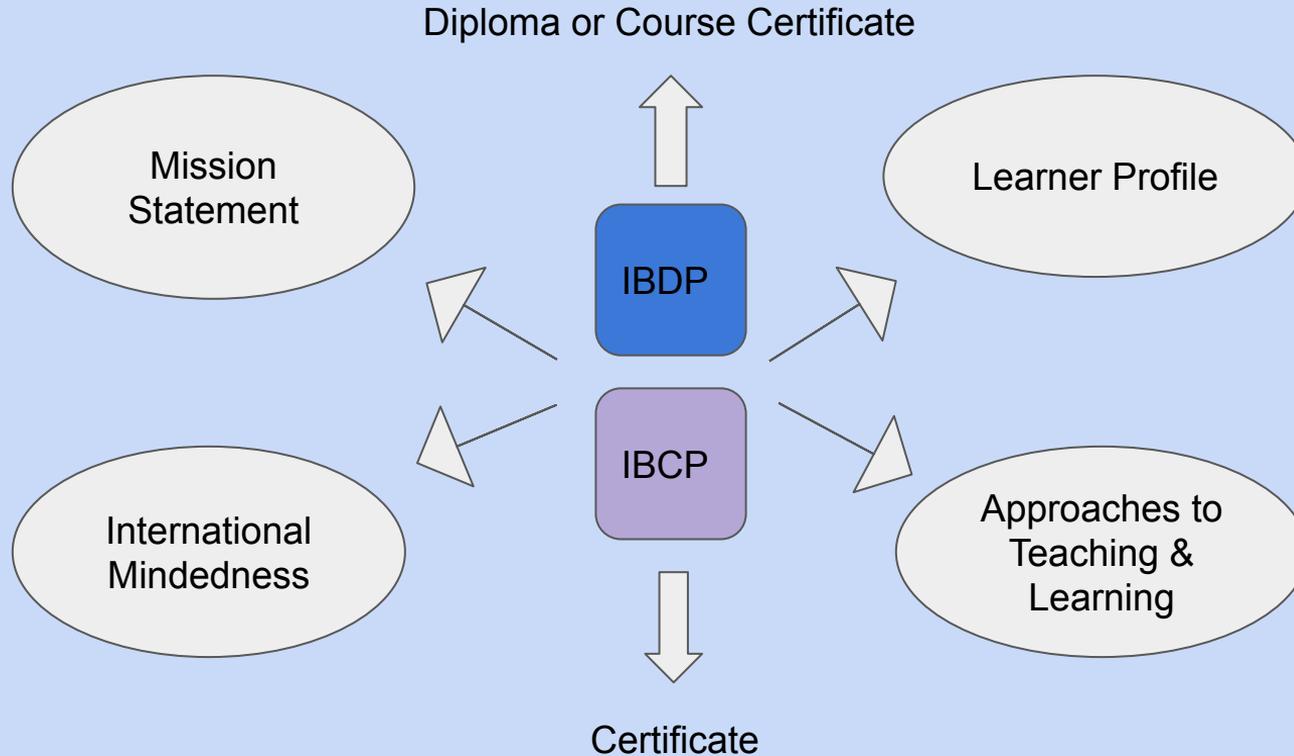
“The International Baccalaureate aims to develop ***inquiring, knowledgeable*** and ***caring*** young people who help to create a better and more peaceful world through **intercultural understanding and respect.**”

“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.**”

IB Learner Profile - attributes at the center of it all



Key Components of an IB Education



What is Career & Technical Education?

Programs of study delivered through comprehensive high schools, technical centers, technical colleges & universities to prepare students for high skill, high wage, high demand occupations.

Integration of academics in rigorous and relevant curriculum in nearly 20 career pathways

Partnerships with business & industry

Participation in leadership opportunities through student organizations (BPA, DECA, HOSA, MITES)

FPS CAREER AND TECHNICAL EDUCATION PROGRAMS

Architecture & Design Technology (PLTW)*

Automotive Technology MLR (Maintenance & Light Repair)

Business Management & Administration

Computer Science & Programming (MOS Academy for Certification)

Cybersecurity

Engineering & Design Technology (Also Robotics) (PLTW)*

Finance & Accounting

Marketing

Health Science

TV-10 Broadcast** (located at NFHS)

Web Design

*PLTW = Project Lead The Way

What is the Career-related Programme?

IB philosophy and rigor with Career & Technical Education course of study for developing career & college readiness skills

Two-year course of study - CTE pathway

External Quality Assurance (MDE/OCTE)

Assessments (NOCTI, NCHSE, PLTW)

Two IB courses (related to CTE course of study) taken each year (11 & 12th)

Career-related Programme Core = PPS, RP, SL, LD

FHS is an IB DP/CP Authorized World School





DP vs CP



One course in each of 6 Groups

3 SL & 3 HL courses required

Theory of Knowledge

Extended Essay

Creativity, Activity, Service

CTE pathway

**2 DP courses (SL or HL; one over
2 years)**

Personal & Professional Skills

Reflective Project

Service Learning

Language Development

Career-related Programme Core

Personal & Professional Skills course (90 hours required) (Employability Skills)

Two semesters taken spring Junior year and fall Senior year

Focus: Personal development, thinking processes, effective communication,

Ethics and intercultural understanding. Includes time for CP core hours.

Reflective Project (50 hours) Essay on Ethical Issue

Service Learning (50 hours) Community Service

Language Development (50 hours) Immersion in other than first language

Sample Career-related Study Pathway - Cybersecurity

11th Grade

Cybersecurity A&B

Personal & Professional Skills (Sem 2)

2 DP SL/HL Courses (your choice)

Required graduation requirements

12th Grade

Computer Science A&B (General or AP)

Personal Professional Skills (Sem 1)

2 DP SL/HL courses (your choice)

Required graduation requirements

Ongoing 11th & 12th Grade years: Reflective Project, Service Learning, Language Development (~ 75 hours on own each year; 6 hours/month) with time spent on this work in Personal & Professional Skills course

Sample Career-related Study Pathway - Health Science

11th Grade

Medical Skills A (Sem 1)

Medical Skills B (Sem 2)

Personal & Professional Skills (Sem 2)

2 DP SL/HL Courses

Required graduation requirements

12th Grade

Medical Skills Field Study (Sem 1)

Medical Terminology (Sem 1)

Personal Professional Skills (Sem 1)

2 DP SL/HL courses

Required graduation requirements

Ongoing 11th & 12th Grade years: Reflective Project, Service Learning, Language Development (~ 75 hours on own each year; 6 hours/month)

Sample Career-related Study Pathway - Business

11th Grade

Business Law (Sem 1)

Business Management (Sem 2)

Personal & Professional Skills (Sem 2)

2 DP SL/HL Courses

Required graduation requirements

12th Grade

Accounting A (Sem 1)

Accounting B (Sem 2)

Personal Professional Skills (Sem 1)

2 DP SL/HL courses

Required graduation requirements

Ongoing 11th & 12th Grade years: Reflective Project, Service Learning, Language Development (~ 75 hours on own each year; 6 hours/month)

Benefits of the Career-related Programme (CP)

- **IB Rigor prepares students for college admission and success; CTE prepares students for acceptance into specific programs of study and the workplace**
- Provides an excellent foundation to prepare students for the post-secondary journey
- College and career readiness skills and certifications in related pathways
- Increase cultural awareness and a global perspective of concerns and opportunities in the world
- Make a difference in the community through service learning
- Gain an understanding of ethical concerns that may arise in career pathways

Additional Information & Resources

Career-related Programme / Career-related Programme website

CONTACT INFORMATION

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