

What is the IB Career-Related Programme

The IB Career-Related Programme (IBCP) is designed for students interested in pursuing a career-related education in the final two years of secondary school. It provides students with an excellent foundation to support their further studies, as well as ensure their preparedness for success in the workforce.

Opportunities Available through IBCP:

- ◇ Industry Certifications
- ◇ College Credit
- ◇ Mentorships
- ◇ Internships



Career Sequences

Electrocardiograph Technician	Applied Engineering Technology	Digital Media Technology
Medical Skills & Services	Applied Engineering Technology 1	Business Ownership
↓	↓	↓
Health Science Anatomy & Physiology	Applied Engineering Technology 2	Digital Media Foundations
↓	↓	↓
Health Science Foundations	Applied Engineering Technology 3	Digital Media Production Systems
↓	↓	↓
Electrocardiograph Technology	Advanced Technology Applications	Digital Media Delivery Systems

Digital Design	Computer Science Principles	Entrepreneurial Management
Digital Design 1	Foundations of Programming	Business Ownership
↓	↓	↓
Digital Design 2	AP Computer Science OR Procedural Programming	Business Management & Law
↓	↓	↓
Digital Design 3	Object Oriented Programming Fundamentals	Directed Study
↓	↓	↓
Directed Study	Directed Study	Directed Study

ROTC
JROTC 1-4
↓
JROTC Leadership



IBCP incorporates the principles of IB with the unique needs and interests of students in career-related learning.

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Website: vhsibprograms.com

Career Related Study (CTE Programs)

Computer Science Principles

The courses within the program emphasize programming skills using several different languages. Advanced Placement (AP) Computer Science courses are also available.

Digital Design

Digital publishing skills such as layout, design, and digital imaging. This program includes Indian Ink, our student led poster business

Digital Media Technology

Software and delivery systems for digital media and management aspects of creating, saving, and distributing digital assets. This program participates in the school news (VTV).

Electrocardiograph Technician (Medical)

Topics include medical terminology, basic health care, anatomy and physiology, ethics, legal responsibility, CPR, vital signs, and the cardiovascular system.

Entrepreneurial Management

An introduction to business and entrepreneurial principles as well as business law concepts and basic accounting.

Applied Engineering Technology

Topics include problem solving using technology systems and manufacturing processes, apply science, math and technology to the engineering field, and drafting.

ROTC

Provides military instruction to develop basic skills and knowledge with opportunities for total development in leadership. Develops positive attitudes, good citizenship, and patriotism through character-building activities.

IB Career-Related Programme Requirements:

- ◆ Completion of the IBCP Core
- ◆ Completion of at least 2 Diploma Programme courses, at least one of which is a 2-year sequence
- ◆ Participation in the career-related courses

The IBCP Core:

The components of the core are at the heart of the Career-related Programme and are designed to enhance students' personal qualities and professional development.

The Career-related Programme core contextualizes the Diploma Programme courses and the career-related study and draws all aspects of the framework together. The core is designed to develop many of the characteristics and attributes described in the IB learner profile.

Mandatory core components are:

- 1) **Personal and Professional Skills** (2-year course during junior and senior years)
- 2) **Service Learning** (minimum of 50 hours)
- 3) **Language Development** (minimum of 50 hours)
- 4) **Reflective Project** (submitted and assessed during senior year of the program)



Diploma Courses

IB Diploma Courses are offered in six different groups of content. Career Programme students must take a minimum of two of these courses in **different** content areas and earn level 3 or higher.

Groups

Language and Literature
Language and Literature

Language Acquisition
Spanish Ab Initio
Spanish B

Individual and Societies
History of Americas
Psychology
Business Management

Sciences
Biology
Chemistry
Physics

Mathematics
Math Analysis
Math Applications

The Arts
Visual Arts
Music
Theatre