







IB Careers Option Blocks 2018-2020

втес:	Creative Media Production	Engineering	Enterprise and Entrepreneurship	Performance	Sport
IB Certificate Block 1	English English B	English English B	English English B	English English B	English English B
IB Certificate Block 2:	Theatre Film	Physics Chemistry	French B German B Spanish B Spanish Ab Initio French Ab Initio German Ab Initio	Theatre Visual Art Music Film Studies Dance	Biology Chemistry Physics Nature of Science Sports Science
IB Certificate Block 3	French B German B Spanish B Spanish Ab Initio French Ab Initio German Ab Initio Business Management History Geography Economics ITGS Global Politics	Maths SL Maths HL	Business Management History Geography Economics ITGS Global Politics Psychology	French B German B Spanish B Spanish Ab Initio French Ab Initio German Ab Initio Business Management History Geography Economics ITGS Global Politics	French B German B Spanish B Spanish Ab Initio French Ab Initio German Ab Initio Business Management History Geography Economics ITGS Global Politics



BTEC Enterprise and Entrepreneurship

The BTEC Level 3 Diploma in **Enterprise & Entrepreneurship** is a qualification that:

- requires learners to start up and run a fully functioning legal business to develop their entrepreneurial skills
- requires learners to focus on their own self development through the start-up process
- ensures that learners interact with entrepreneurs and business people throughout the course of their study to enable them to learn from experienced professionals.

This qualification is designed for learners aged 16-19 who wish to know how to start up a business or social enterprise. Therefore, the mandatory units of the qualification reflect the essential aspects of starting and running a business. Optional units provide choice for specialisms in areas that will augment learners' understanding of enterprise. The qualifications have been designed to enable learners to start up a social enterprise instead of a profit-making business, should this be their preference.

Students in the BTEC Enterprise & Entrepreneurship Diploma are required to complete the following compulsory units:

- The Innovative Entrepreneur
- Business Planning and Pitching
- Financial Planning and Implementation
- Launching your Business Vision
- Monitoring the Performance of your Business
- Operating your Business
- Planning the Future Strategy of your Business
- Leadership and Teamwork

Students will also need to take approximately 5-7 optional units to expand their knowledge and understanding of this career area. They cover these areas:

- Working as an Entrepreneur
- Market Research and Analysis
- Financial Literacy and Awareness
- Business in an International Context
- E-marketing and Website Design
- Brand Development and Promotion
- Social Enterprise



BTEC Performing Arts

The BTEC Level 3 Diploma in <u>Performing Arts</u> is a qualification that provides students the opportunity to enter employment in the performing arts sector or to progress to vocational qualifications or university study. It also provides learners the opportunity to develop a range of skills and techniques, personal skills and attributes essential for successful performance in working life. This diploma will develop learners' abilities through the knowledge and skills gained in different parts of the programme.

Students in the BTEC Performing Arts Diploma are required to complete the following compulsory units:

- Performance Workshop
- Performing Arts Business
- Performing to an Audience

Students will also need to take approximately 8-9 optional units to expand their knowledge and understanding of this career area. They cover these areas (non-exhaustive list):

- Rehearsing for Performance
- Devising Plays
- Theatre in Education
- Contemporary Theatre Performance
- Musical Theatre Performance
- Developing Voice for the Actor
- Auditions for Actors
- Principles of Acting
- Applying Acting Styles
- Drama Improvisation
- Film and TV Acting
- The Performance of Mime
- The Practice of Directing for Theatre
- Approaches to Directing for Theatre
- Script Writing
- Stand-up Comic Technique
- Singing Skills for Actors and Dancers
- Developing Physical Theatre

- Applying Physical Theatre
- Dance Performance
- Choreographic Principles
- Choreographing Dance
- Dance Improvisation
- Applying Classical Ballet Technique
- Applying Contemporary Dance Technique
- Jazz Dance
- Movement in Performance
- International Dance
- Urban Dance
- Legal Aspects in Performing and Production Arts
- Singing Techniques and Performance
- Voice and the Actor
- Historical Context of Performance



BTEC Creative Media Production

The BTEC Level 3 Diploma in **Creative Media Production** enables students to:

- access vocationally-related education and training for employment in the creative media sector
- gain the opportunity to achieve a nationally recognised level 3 vocationally specific qualification, either to enter employment in the creative media sector or to progress to higher education vocational qualifications
- develop skills, knowledge and understanding relevant to the media industries in an applied learning context
- develop a range of skills and techniques, personal skills and attitudes essential for successful performance in working life.

Learners taking this qualification will study six mandatory units covering the following areas:

- Pre-Production Techniques for the Creative Media Industries
- Communication Skills for Creative Media Production
- Research Techniques for the Creative Media Industries
- Creative Media Production Management Project
- Working to a Brief in the Creative Media Industries
- Understanding the Creative Media Sector

Students will also need to take nine optional units to expand their knowledge and understanding of this career area. They cover areas such as (non-exhaustive list):

- Understanding the Television and Film Industries
- Understanding the Interactive Media Industry
- Understanding the Computer Games Industry
- Working Freelance in the Creative Media Sector
- Developing a Small Business in the Creative Media Industries
- Film and Video Editing Techniques
- Digital Graphics for Interactive Media
- Computer Game Platforms and Technologies
- Multi-Camera Techniques
- Corporate and Promotional Programme Production
- Music Video Production
- Presentation Techniques for Broadcasting
- Soundtrack Production for the Moving Image
- Audio Books and Guides
- Digital Communication
- Web Authoring
- Motion Graphics and Compositing Video
- Animation



BTEC Sports

The BTEC Level 3 Diploma in **Sport** is a qualification that responds to the growing societal demand for qualified sports personnel. Year on year, the sport and active leisure sector outperforms the rest of the economy in many countries, a trend that has been ongoing since the late 1990s. Despite the prevalence of the sport sector, a third of the workforce in the sector have either little or no formal qualifications. The BTEC Diploma in Sport provides an introduction to the sector for learners looking to build a career in sport, within one of its occupational areas. These areas include careers in exercise and fitness, coaching and leadership, sports development and the outdoors.

Students in the BTEC Sport Diploma are required to complete 8 of the following compulsory units (in Development, Fitness and Coaching):

- Principles of Anatomy and Physiology in Sport
- The Physiology of Fitness
- Assessing Risk in Sport
- Fitness Training and Programming
- Sports Coaching
- Sports Development
- Fitness Testing for Sport and Exercise
- One of: Practical Team Sports or Practical Individual Sports

Students will also need to take approximately 8-9 optional units to expand their knowledge and understanding of this career area. They cover these areas (non-exhaustive list):

- The other of: Practical Team Sports or Practical Individual Sports
- Outdoor and Adventurous Activities (provided not both of Practical Team or Practical Individual Sports were chosen)
- Sports Nutrition
- Current Issues in Sport
- Leadership in Sport
- Exercise, Health and Lifestyle
- Instructing Physical Activity and Exercise
- Psychology for Sports Performance
- Sports Injuries
- Sport and Exercise Massage
- Rules, Regulations and Officiating in Sport
- Organising Sports Events
- Physical Education and the Care of Children and Young People
- Sport as a Business
- Work Experience in Sport
- Sports Facilities and Operational Management
- Sports Legacy Development
- Profiling Sports Performance
- Research Investigation in Sport and Exercise Sciences
- Laboratory and Experimental Methods in Sport and Exercise Sciences



BTEC Engineering

The BTEC Level 3 Diploma in **Engineering** provides students with education and training for employment in the engineering industries as well as the opportunity to develop a range of skills and techniques, personal skills and attributes essential for successful performance in working life. The engineering sector continues to suffer from a skills gap and needs to keep up with rapidly developing technologies. These BTEC qualifications in Engineering have been designed to give new entrants to the engineering sector the underpinning knowledge and specific skills needed to meet the needs of modern mechanical engineering industries.

Students in the BTEC Engineering Diploma are required to complete the following compulsory units:

- Health and Safety in the Engineering Workplace
- Communications for Engineering Technicians
- Engineering Project
- Mathematics for Engineering Technicians
- Mechanical Principles and Applications
- Electrical and Electronic Principles

Students will also need to take approximately 5 optional units to expand their knowledge and understanding of this career area. They cover areas such as (non-exhaustive list):

- Engineering Design
- Properties and Applications of Engineering Materials
- Further Mechanical Principles and Applications
- Applications of Mechanical Systems in Engineering
- Principles and Applications of Fluid Mechanics
- Principles and Applications of Thermodynamics
- Electro, Pneumatic and Hydraulic Systems and Devices
- Engineering Drawing for Technicians
- Computer Aided Drafting in Engineering
- Advanced Mechanical Principles and Applications
- Mechanical Measurement and Inspection Techniques
- Welding Technology
- Industrial Process Measurement
- Applications of Computer Numerical Control in Engineering
- Manufacturing Planning
- Setting and Proving Secondary Processing Machines
- Computer Aided Manufacturing
- Production System Design
- Six Sigma Quality
- Electronic Circuit Design and Manufacture



The IB Careers Core

The IB Careers core bridges the IB academic courses and the career-related study and provides students with a combination of academic and practical skills. Four interrelated components form the core.



Personal and Professional Skills

Personal and professional skills is designed for students to develop attitudes, skills and strategies to be applied to personal and professional situations and contexts now and in the future.

In this course, the emphasis is on skills development for the workplace, as these are transferable and can be applied in a range of situations.



Service Learning

Service learning is the development and application of knowledge and skills towards meeting an identified and authentic community need.

In this research-based approach, students often undertake service initiatives related to topics studied previously in their academic disciplines, utilizing skills, understandings and values developed in these studies.

Reflective Project

The reflective project is an in-depth body of work produced over an extended period of time and submitted towards the end of the CP. Through a reflective project, students identify, analyse, critically discuss and evaluate an ethical issue arising from their career-related studies.

The reflective project is intended to promote high-level research, writing and extended communication skills, intellectual discovery and creativity.

Language Development

Language development ensures that all students have access to and are exposed to a language programme that will assist and further their understanding of the wider world. The ability to communicate in more than one language is essential to the IB's concept of an international education.

Language development encourages students to improve their proficiency in a language other than their best language.