



POST 16 OPTIONS

PRISTINE PRIVATE SCHOOL

AY 2023-2025



Planning your Pathway to Excellence

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While reading, consider the following points:

- Review the course descriptions/syllabi carefully to see how these build on your IGCSE subjects.
- Reflect on your strengths and teachers' feedback on subjects.
- Choose the subjects that provide more options to pursue at universities within your career pathway.
- Plan ahead and research A Level subject requirements for your specific programme at your intended higher education destinations.

WELCOME TO PRISTINE PRIVATE SCHOOL

Established in 1992, Pristine Private School has been deeply committed to not only towards delivering quality education but ensuring that every child is equipped with the key skills required to succeed in the 21st century. Keeping in line with the school motto, Pristine Private School has been steadily moving onward and upward in its journey to consistently create Pathways of Excellence for its students.

Cambridge AS & A Levels are internationally benchmarked qualifications and recognised by higher education institutions and employers around the world as an evidence of academic achievement. These year groups constitute the Cambridge Advanced Stage. Enrolment in AS Level commences the Post 16 programme for students.

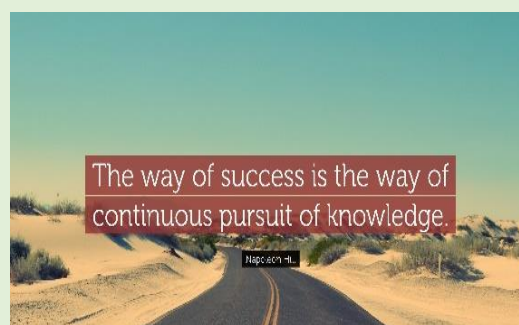
At Post 16 (Years 12 & 13), a wide range of courses are offered to prepare students for higher education, training and employment. We expect all students to select four AS Level courses for Year 12 and encourage students to continue through to Year 13 to study three subjects at A Level. This will equip them to make choices from a wide range of universities and education providers, as well as prepare them for future employment.

After Post 16, almost all our students pursue their higher education and intended career pathway at various destinations around the world such as USA, UK, Canada, Australia, UAE and at universities in their home countries such as Pakistan, Philippines, Srilanka, India and others. Students are guided through structured academic and career counselling sessions throughout the year as well as sessions from external speakers to help them make informed choices about their future destinations. Please do visit our school website <https://www.pristineschool.com/alumni-placements/> to have a glimpse of the Pristine Alumni Map.

Pristine's vision of creating leaders of tomorrow is perennial and providing a range of qualifications to enhance students' learning experiences is a significant step towards the same.

Shagufa Kidwai

Shagufa Kidwai
Principal



LETTER TO PARENTS

Dear Parents,

Pristine Private School has undertaken the responsibility of preparing your child for the Cambridge AS Level Examination to be held in May/June 2024 and A Level Examination in May/June 2025. Accordingly, the school offers a range of qualifications in the Post 16 programme based on students' interests and the current trends that project future career pathways. The syllabi develop a deep understanding of the subject and enhance independent thinking skills required by our students to be prepared for their higher education study.

It is important to note that AS Level is a part of the progression towards the completion of the Cambridge International A Level programme. UAE Ministry of Education offers equivalency for end of school **only after** students graduate A Level (Year 13).

With the successful addition of Business & Technology Education Council (BTEC) curriculum offered by Pearson along with Cambridge AS Level curriculum in recent years, we continue to expand our curriculum choices on offer. The BTEC programme provides alternative subject choices that allow students to be equipped with applied knowledge and practical skills paving the way to a career in the selected field. This qualification also adds value to students' portfolios preparing them for the next stage of university education, as the qualification is internationally recognized by universities world over.

Standalone BTEC qualifications may not qualify for equivalency with MOE. However, when studied alongside regular AS/A Level qualifications allows for progression to higher education.

The addition of Pearson Edexcel Mathematics and AS Level English General Paper provides other viable options to students who may require these subjects for their higher education programme.

While making choices, guide your child to consider the following questions:

- What are my probable career choices?
- Which subjects interest me the most?
- Which subjects do I perform well in?
- What are the subjects that will help me to keep my future options open?
- Which study programmes am I aiming for in my intended higher education destinations?

This booklet will aid you in answering these questions. For any further clarification or guidance do not hesitate to contact the Academic and Career Guidance Counsellor, relevant subject leader, Deputy Head or Head of Phase.

Please note that it is mandatory to select four (4) subjects. However, you can select only one subject from each column provided below:

OPTION 1	OPTION 2	OPTION 3	OPTION 4
PHYSICS	CHEMISTRY	BIOLOGY	CAIE MATHEMATICS
ACCOUNTING	BUSINESS	COMPUTER SCIENCE	TRAVEL AND TOURISM
AS LEVEL ENGLISH GENERAL PAPER*	ENGLISH LANGUAGE	INFORMATION TECHNOLOGY	EDEXCEL MATHEMATICS
PSYCHOLOGY	BTEC LEVEL 3 Certificate in Business	ECONOMICS	
		BTEC LEVEL 3 Certificate in IT	

**Please note that either AS level English General Language Paper or A Level English Language can be chosen.*

This process must be completed in consultation with your child after reviewing the Post 16 Entry and Subject Specific requirements provided on page 12.

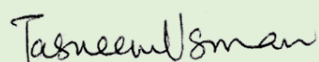
In addition, students in Year 12 are required to take the following compulsory subjects as prescribed by the **Ministry of Education, UAE to qualify for Ministry Equivalency:**

- Advanced Arabic for Arabs (School Assessed)
- Islamic Studies for Muslim students (School Assessed)
- Moral Social and Cultural Studies for all students

Kindly review the subject options given above with your child and fill in the AS Options Form on Page 8 to submit to Admissions.

I look forward to your support and encouragement to your child in making an important decision for their final phase of school life.

Sincerely,



Tasneem Usman
Head of Secondary

WHY CHOOSE AS & A LEVELS?

There are several reasons for extending education beyond IGCSE:

- ✓ The Cambridge International AS & A Level qualifications aim to develop students' knowledge, understanding and skills through:
 - in-depth subject content
 - learning to work independently
 - applying knowledge and understanding to new as well as familiar situations
 - handling and evaluating different types of information sources
 - thinking logically and presenting ordered and coherent arguments and explanations
 - studying and communicating in English
- ✓ Requirement to complete A Level (13 years) by Cambridge International Examinations and the Ministry of Education, UAE
- ✓ The desire to continue and transition to Higher Education
- ✓ Improving qualifications already obtained
- ✓ Gaining a wider range of experiences prior to committing yourself to a job or full-time course of vocational study

POST 16 Entry Requirements

Please note that the criteria for admissions to Year 12 (AS Level) are as follows:

- ✓ A minimum of 5B's at IGCSE Level (having achieved Subject Specific Admission Requirements as given on Pg. No. 7.
- ✓ A student applying to Year 12 should have a minimum grade of C in IGCSE Mathematics and English.
- ✓ An interview with the leadership team in August 2023 for confirmation of subject options.
- ✓ A contract signed by the student and parents promising good behaviour and regular attendance.

Once a student receives their IGCSE results in August 2023, he/she shall contact the school admission office to schedule an appointment for further processing of their Post 16 application.

Places for Year 12 will be confirmed based on the evaluation of the results and the interview process.

Kindly note that a place in the school's Post 16 programme is not automatically confirmed, even if you have completed IGCSE from Pristine Private School.

Progress from Year 12 (AS Level) to Year 13 (full A level) is dependent on satisfactory completion of the Year 12 course and regular attendance.

Subject Specific Admission Requirements

Subject	AS Level Entry Grade (IGCSE/ GCSE)	A Level Entry Grade (AS)	Additional Comments
Accounting	B	C	B grade in Maths
Biology	A/A*	C	Must have studied this subject at I/GCSE level
Business/ BTEC Business	B	C	B Grade in English (ESL)
Chemistry	A/A*	C	Must have studied this subject at I/GCSE level
Computer Science	B (CS) or A/A* (ICT)	C	A Grade in Math at IGCSE Level
Economics	B	C	B Grade in Maths and English (ESL)
English Language	B (FLE) or A/A* (ESL)	C	B Grade in First Language English or A/A* in English as a Second Language
AS Level English General Paper	B (FLE) A/A* (ESL)	NA	B Grade in First Language English or A/A* in English as a Second Language
Information Technology / BTEC IT	B	C	B Grade in Computer Science / ICT and English (ESL)
CAIE Mathematics	A/A*	C	Must have studied this subject at IGCSE level
Edexcel Mathematics	B	C	Must have studied this subject at I/GCSE level
Physics	A/A*	C	Must have studied this subject at I/GCSE level
Psychology	B	C	B Grade in English (ESL) or C in GCSE Psychology
Travel & Tourism	B	C	B Grade in English (ESL)

***Please be informed that students who have taken IGCSE Core paper in Mathematics, Physics, Chemistry and Biology are not eligible for entry into these subjects at AS Level**

Selection of Subjects at AS Level

I, as a Parent, in consultation with my child choose the following optional subjects for my child:

1. _____

2. _____

3. _____

4. _____

I acknowledge

- My child will not be allowed to change the subject options except in the following circumstances:

- **If he/she does not attain the minimum required entry level grade as specified in the subject specific admission requirements table once the results for I/GCSE are declared in August 2023.**

- If he/she expresses a desire to change the subject within 15 days from the start of the academic year 2023-24 and if there are seats available in the class for the alternative subject chosen by him/her.

- A subject will be offered only if the minimum number of students is attained (as decided by the school). Otherwise, my child will have to select another subject in the same block.

- Once finalized, my child will not be permitted to drop any opted subject during the academic year 2023-24.

Name of Parent:Name of Student:

Signature of Parent: Signature of Student:

Tel. / Mobile No.E-mail ID

Date:

- ***The decision of the management on the option selection shall be final and binding to all the applicants.***

IMPORTANT FEATURES OF POST 16 @PPS

- Academics: Focused on building independent learners and academic excellence; such as research and reading strategies, managing information, project planning and time management.
- High quality of teaching and learning validated with the international results
- 21st Century Skills: Enhancing the key skills needed for a rapidly changing global economy such as Communication, Collaboration, Innovation and Digital Technology.
- Excellent links with Higher Education establishments around the world. The school has an annual Education Expo that gives students the opportunity to think about their future and to meet national and international university representatives.
- Varied Leadership opportunities: A refreshed, robust and extremely successful Student Leadership programme
- Post 16 provides students with the skills and knowledge to navigate into their future with increased confidence and innovation.
- Internships: Developing career aspirations through work placements
- Community Service Opportunities: Designed to develop Team Leadership and Project Management
- Enterprise: Offering a platform for young Entrepreneurs
- Individualised Coaching: Bespoke preparation for University from finding appropriate matches to application and interview.

Please check out our Newsletter by clicking on the link below to catch glimpses of the opportunities provided to students at Pristine-

<https://sway.office.com/vkPuNc3luFUGCfBM?ref=Link>

Note to Students:

Expectations from POST 16 Students

- There is a very distinctive ethos of respect for the maturity of Post 16 students. We aim to respect the choice which has been made to continue studying and to forge a new relationship between students and teachers based on partnership in learning.
- It also gives you time to investigate more individual methods of study both in school and out of school, as you will be studying fewer subjects in Post 16. Your timetable will also include Community Service time.
- POST 16 students play an important part in the life of the school and through your presence and participation in positions of the leadership organizing clubs and societies for younger members of the school, you are expected to lead by example.
- POST 16 students are required to show a mature attitude to their studies and the extra opportunities open to them. Getting involved will ensure that you leave the school with the skills you need to be successful in your future.
- You are required to adhere to the School dress code for POST 16 and respect the need for rules and responsibilities. Doing so will ensure that the POST 16 community maintain the high status that it has within and outside of the school.
- The POST 16 community is about achieving – both personal and social development in addition to academic success. Learning is even more of a partnership between students and staff. Community Service is a compulsory part of the programme and is a very important aspect of school life.
- Attendance and punctuality are taken very seriously. 95% school attendance is mandatory. While you study within the POST 16 community, your teachers and school leaders would be observing your academic progress, initiatives, attitude and the relationships that you develop with your teachers and peers.
- Attendance and punctuality are taken very seriously at PPS and relate directly to additional benefits; such as excursions, references and leadership opportunities.
- ***References and recommendation letters for onward study or employment will be drafted taking the above pointers into consideration. We therefore urge you to attend the school regularly and be on time for the school day and all lessons.***

THE POST 16 CURRICULUM

Opting for the right course of study

- The '**A Level**' (Advanced Level) is a 2 year programme; AS (Advanced Subsidiary) is completed in Year 12 and A2 in Year 13. Students must complete both parts of the course to gain credit for a full A level.
- External examinations in most subjects will take place during May/June for Year 12 and Year 13.
- Think about the qualification type or subjects that might be required or helpful for the career you wish to pursue.
- Think about the subjects that interested you in IGCSE but also consider new subjects that you have not studied before but which you might want to explore.
- Ensure that you do not exclude yourself from any University courses that you may wish to pursue (for example by having too few full A levels or opting for subjects not required) and have the correct number plus combination of AS and A level subjects.
- Kindly go through the syllabus and the books (even if you have studied the subject earlier). Please refer to www.cambridgeinternational.org
- Conduct an appropriate strength analysis in consultation with your teacher mentors.
- Be aware that there are some careers and courses that need particular 'A' Levels.
For example:
 - Engineering / Technology/Aviation need Mathematics and Physics
 - Medicine needs Biology, Chemistry and one other Science- Physics / Mathematics
 - Clinical Psychology / Counselling / Human Development / Law need Psychology and English
 - Business Management needs Economics, Business Studies and/or Accounts, Mathematics
- Prioritize your subjects in order of interest and value to you.
- Decide how you are going to organize your subjects across the two years. Through rigorous academic planning and by achieving the predicted grades, you will have the flexibility to choose subjects at AS Levels.

Your Research in choosing the subject is vital.

PATHWAYS: A PREPARATORY EXERCISE

‘Engage, Embrace, Empower’

At Pristine Private School, the Career Counselling Department aims to provide students with a strong foundation by guiding them through the transition from youth to adult members of the society. Successful transitions – whether from lower secondary to upper secondary; at age 16; into work-based training or university; are life-enhancing for every student. We believe that each transition is smooth and enriching for students, which help them to make a wise decision about their higher education goals.

Higher Education choices are discussed from an early point in Year 11 and 12. This is done to establish the importance of AS level subject choices. PPS has strong links with Universities in a number of countries. Guests from visiting universities are invited to the school to give presentations on a variety of aspects of university life such as how to apply, writing the purpose statement and life on campus. The destination of all students is important and so our programme of support for students is strong and targeted at preparation for both University and the workplace.

Career Fairs: Students are given the opportunity to meet Universities and Educational centres across UAE, as well as Universities from different countries by sharing information throughout the year about national and international fairs. Students, parents and teachers get an opportunity to meet, interact and extract information about different courses across the globe. This aims at increasing students’ awareness about international universities within and outside UAE along with their entry requirements, admission process, etc.

Individual Counselling: One-on-one sessions offered by the Career counsellor to help students in creating and implementing their own career plans and in developing a greater sense of self-awareness relevant to the career development process. This also includes support for personal essays, support when required for the application forms and assisting to ensure all necessary documentation and additional (external) tests required for the application is complete.

Career-related Workshops: Throughout the academic year, the school arranges a range of interactive workshops to equip students with the needed skills and to prepare them for higher education. At times, there will also be opportunities off-campus where it will be the responsibility of the child to attend. Workshops may include:

- ✓ University Application Procedure
- ✓ Portfolio building (various kinds)
- ✓ Professional skills and academic CV development
- ✓ Preparing for IELTS, SAT, ACT, UKCAT, EMSAT etc.
- ✓ Insight into Admission from University Perspective and Information about

UCAS/CAO/Common App, etc.

- ✓ Entry-level examination

Education Expo: Different universities visit the school to orient students about their universities, the courses and service offered by them. Also, information about eligibility criteria, entrance exams, expenditure and time of application is provided to students.

Community service/ Work Experience: Students are involved in a variety of activities like organising events, volunteering and teaching junior students. For example, the Young Mentorship Programme that enables them to get an overview of working in a professional environment. Participation in extra-curricular activities such as the Model United Nations, community service, internships and others are also highly encouraged, where they have the opportunity to hone their interpersonal skills and put them to good use.

In-house Support – Students are assisted if required in their application for UCAS, Common Application, etc. Personal statements and essay drafts done by the students go through a process of reviewing and proofreading to ensure that the documents portray the most accurate representation of each individual student.

Post 16 Student Council and Leadership opportunities- Involvement in the council gives students an opportunity to discuss issues that are of concern to them and play a role in helping positive change to take place. The council meets regularly, planning upcoming social events and other extra-curricular activities. The Post 16 Student Council work as a team, helping to shape the future of their growing community.

There are significant opportunities for students to develop their leadership capacity and capabilities at PPS. As senior students in the school, students are encouraged to lead by example by role-modelling **outstanding** behaviour and attitudes.

The best part about career counselling is that it inspires every individual to make a career for themselves in a field in which their interest and passion lie. By doing so, it aids every individual to know his/her own powers and that success lies nowhere else, but inside him/her.

Kj Bakshi

Kalgi Bakshi
Academic & Career Counsellor



REFERENCE FORM FOR NEW STUDENTS

Confidential Reference – to be completed by New Applicants

Name of Student: _____

Contact Number _____ Email Address: _____

Name of the School last attended: _____

Predicted Grades (Fill in the subjects studied in the blank spaces)

Subject	Predicted IGCSE Grade (for students going into year 12)	Predicted AS grade (for students going into Year 13)	Teacher Name and Signature

Note: Shortlisted candidates will be required to attend an interview with the Secondary School Academic Team with the following documents:

- Transcripts IGCSE / AS Level
- Conduct Certificate
- Any special achievement records

BTEC OFFERING

The BTEC programme provides alternative subject choices that allow students to be equipped with applied knowledge and practical skills paving the way to a career in the selected field. This qualification also adds value to students' portfolios preparing them for the next stage of Post 16 education, as the qualification is internationally recognized by universities world over. EDEXCEL qualifications combine world-class qualification standards with a forward-thinking approach and international content, offering learners access to future global opportunities.

With their focus on practical, skills-based learning, BTEC courses are designed around several themed units. Rather than testing everything together at the end of the course, BTECs give students the opportunity to show what they've learned in each unit and build on their achievements as they progress through the course. That means there are plenty of chances to learn, improve and succeed.

Once students are ready to put what they have learned into practice, BTEC tests - called "assessments" – are based around real-life work contexts and scenarios, and can include Assignments, set tasks, performances or written tests are graded based on the following three parameters- Distinction, Merit and Pass.



SUBJECT SPECIFIC INFORMATION

AS & A LEVEL English Language

**SUBJECT CODE:
9093**



Course Structure:

Cambridge International AS Level English Language provides learners with opportunities to make critical and informed responses to a wide range of texts. Learners will also demonstrate their ability to produce writing to specific briefs and for given audiences. Cambridge International A Level English Language learners will also develop a strong foundation in the study of linguistics, focusing on language change, child language acquisition, spoken language, English in the world, and language and the self.

Assessment Summary:

AS LEVEL: Paper 1 Reading: 2 hours 15 minutes (50 marks) Candidates answer two compulsory questions: Question 1 and Question 2. Externally assessed 50% of the AS Level; 25% of the A Level.

Paper 2 Writing: 2 hours (50 marks) Candidates answer two questions: one compulsory question from Section A, and one question from a choice of three in Section B. Externally assessed 50% of the AS Level; 25% of the A Level.

A LEVEL: Two written examinations (50% marks from AS Level)

Paper 3 Language Analysis 2 hours 15 minutes (50 marks) Candidates answer two compulsory questions: Question 1 and Question 2. Externally assessed 25% of the A Level.

Paper 4 Language Topics 2 hours 15 minutes (50 marks) Candidates answer two compulsory questions each on a separate topic area: Question 1 in Section A, and Question 2 in Section B. Externally assessed 25% of the A Level

All components are externally assessed.

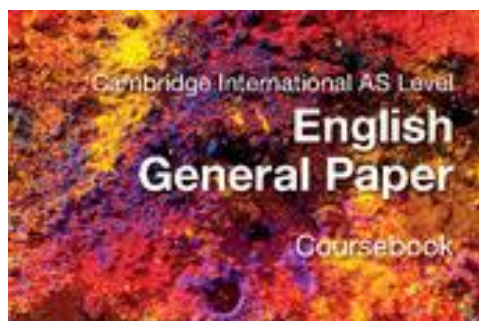
University Pathways and Careers:

Critical thinking. Creativity. Interpretation. Studying English prepares you for a diverse range of professional fields, including teaching, journalism, law, publishing, medicine, and the fine arts. English majors also pursue careers in tech companies and other start-up ventures-in Silicon Valley and beyond. Whether copywriters or social workers, entrepreneurs, or filmmakers, you can apply your skills to fields in every corner of the world.

AS LEVEL

ENGLISH GENERAL PAPER

SUBJECT CODE: 8021



Course Structure:

The Cambridge International AS Level English General Paper develops a set of transferable skills. These include comprehension, constructing an argument, presenting views, and writing English coherently and persuasively. Learners can apply these skills across a wide range of subjects and these skills equip them well for progression to higher education or directly into employment.

Assessment Summary:

Paper I Essay One Hour Fifteen Minutes
30 Marks

Candidates answer one essay question from a choice of 10. Externally assessed 50% of the AS Level

Paper II Comprehension One hour Forty Five Minutes 50 Marks

Candidates answer compulsory questions on reading material. Externally assessed 50% of the AS Level.

Candidates for Cambridge International AS Level English General Paper take Paper 1 and Paper 2 in the same series.

(This syllabus is only available at AS Level)

University Pathways and Careers:

The skills you develop through the study of AS Level General English such as effective written and verbal communication, time-management, organisational skills, teamwork, independent study and research, developing persuasive arguments are applicable to a wide variety of professional areas. Some areas which have traditionally attracted English graduates include Advertising, Journalism and other media such as Marketing and PR work, Arts Administration, Library and Information Management, the Legal Profession and Editing and Publishing. Teaching and academic careers are also popular choices for these students.

AS & A LEVEL INFORMATION TECHNOLOGY

**SUBJECT
CODE: 9626**



Course Structure:

In a world where IT is constantly changing, individuals increasingly need technological and information literacy skills that include the ability to gather, process and manipulate data. It encourages learners to become effective and discerning users of IT. It helps them to develop a broad range of IT skills, knowledge and understanding. Learners study the structure and use of IT systems within a wide range of organization, including the use of a wide range of variety of networks. As a result learners gain an understanding of IT system life cycles, and how these affect the workplace.

Assessment Summary:

At AS Level candidates take papers 1 and 2. At A Level candidates take all four papers.

Paper 1 Theory One hour 45 minutes (70 marks)
(Questions are based on sections 1-11 of the subject content. Candidates answer all questions on paper)
(50% of the AS level, 25% of the A level)

Paper 2 Practical Two hours 30 minutes (90 marks)
(The tasks in this practical paper test sections 8-11 of the subject content. Candidates apply knowledge and understanding from sections 1-7 of the subject content. All tasks are compulsory.)
(50% of the AS level, 25% of the A level)

Paper 3 Advanced theory One hour 45 minutes 70 marks
(25% of the A level)

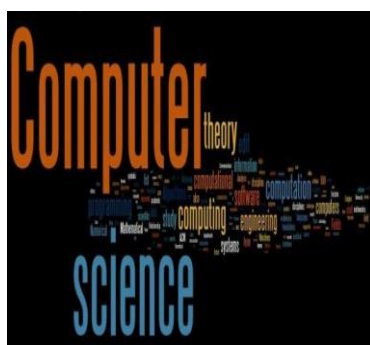
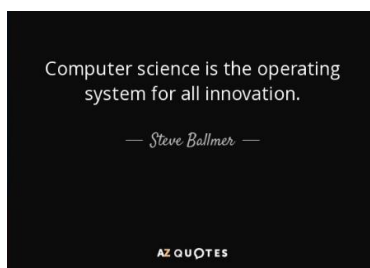
Paper 4 Advanced Practical Two hours 30 minutes 90 marks
(25% of the A level)

University Pathways and Careers:

The information technology industry is a dynamic and entrepreneurial field that continues to have a revolutionary impact on the economy and on the world. One can pursue BCIT (Bachelors of Computer and Information Technology), BS in Information Technology, B.E (Bachelors of Engineering) in IT. Students go on to pursue careers as a Data scientist, Software developer, Information security analyst, Computer system analyst, Web developer, Sales engineer, Information technology manager, Computer research scientist, Computer support specialist, Programmer, Network engineer or Software tester. One can easily pursue career in IT department of banks or in software houses.

AS & A LEVEL COMPUTER SCIENCE

**SUBJECT CODE:
9618**



Course Structure:

The study of Cambridge International AS & A Level Computer science encourages learners to meet the needs of Higher education courses in computer science as well as twenty first century digital employers. It encourages learners to think creatively, through applying practical programming solutions, demonstrating that they are effective users of technology. It also encourages learners to be confident using a range of technology and programming paradigms. Students will be expected to study the subject over the range of two years, with the first half being covered at AS Level and the completion of the entire course will happen at A Levels.

Assessment Summary:

At AS level candidates take paper 1 and 2. At A level candidates takes all four papers.

Paper 1 Theory fundamentals 1 hour 30 mins 75 marks
Written examination

(Paper 1 will assess sections 1 to 8 of the syllabus content)
(50% of the AS level, 25% of the A level)

Paper 2 Fundamental Problem- solving and Programming Skills 2 hours 75 marks
Written examination

(Paper 2 will assess sections 9 to 12 of the syllabus content)
(Candidates will need to write answers in pseudocode)
(50% of the AS level, 25% of the A level)

Paper 3 Advanced Theory One hour 30 minutes 75 marks
Paper 4 Practical Two hours 30 minutes 75 marks

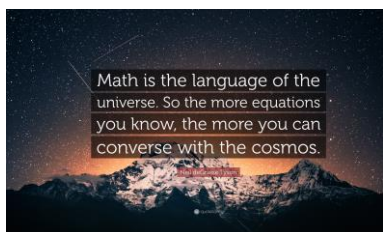
University Pathways and Careers:

Computer science is one of the fastest growing career fields in modern history. It has become one of the leading industry in the world today. It offers many career options and pathways. One can pursue B.E in Computer and Information systems, B.E in Software Engineering, BS in computer science or BS in Information Technology.

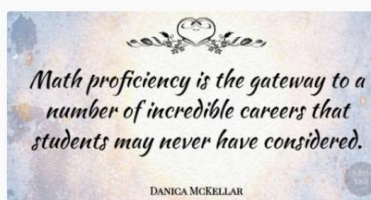
Students go on to pursue careers in Artificial Intelligence and machine learning, Game design and development, Security, Data science and analytics, Computational biology, Robotics, Software quality assurance, Computer networking, Cloud computing. Students can also engage in entrepreneurial activity, or pursue careers in IT sector in banks or software houses.

AS & A LEVEL CAIE MATHEMATICS

**SUBJECT CODE:
9709**



Math proficiency is the gateway to a number of incredible careers that students may never have considered.



Course Structure:

The study of Cambridge International AS & A Level Mathematics allows learners to acquire a range of mathematical skills, particularly those which will enable them to use applications of mathematics in the context of everyday situations and of other subjects they may be studying. It helps them acquire the mathematical background necessary for further study in mathematics or related subjects.

Students will be expected to study the subject over the range of two years, with the first half being covered at AS Level and the completion of the entire course will happen at A Levels.

Assessment Summary:

AS LEVEL: Two written examinations

Paper 4 or Paper 5 One hour Fifteen minutes 40% of the marks
(Mechanics or Statistics 1)

Paper 1 One hour Fifty minutes 60% of the marks
(Pure Mathematics)

A LEVEL: Two written examinations (50% marks from AS Level)

Paper 5 or Paper 6 One hour Fifteen minutes 40% of the marks
(Statistics 1 or Statistics 2)

Paper 3 One hour Fifty minutes 60% of the marks
(Pure Mathematics 3)

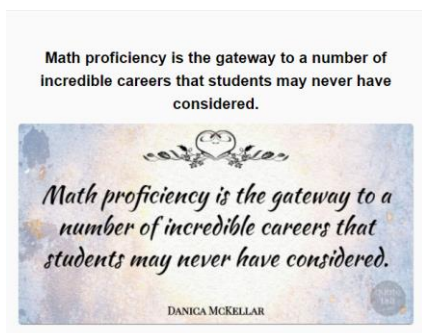
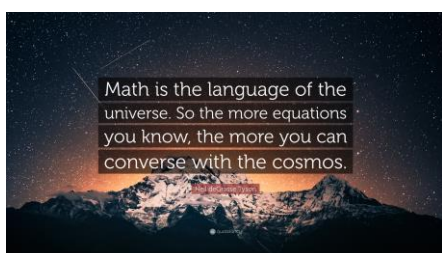
All components are externally assessed.

University Pathways and Careers:

Career opportunities are unlimited for mathematics majors. They may pursue graduate education, career paths in business, science or technical fields or disciplines such as social services, education and government. Some of the occupations that mathematics majors enter include are

accountant, actuary, computer programmer, doctor, engineer, investment manager, lawyer, government research and laboratories, theoretical mathematician, mathematician, numerical analyst, statistician, teacher, market researcher, systems analyst, banking, government and space/aircraft industry.

EDEXCEL MATHEMATICS AS & A LEVEL SUBJECT CODE: WMA/ WME/ WST



Course Structure:

The study of **Pearson Edexcel International AS & A Level Mathematics** allows learners to acquire a range of mathematical skills, particularly those which will enable them to use applications of mathematics in the context of everyday situations and of other subjects they may be studying. It helps them acquire the mathematical background necessary for further study in mathematics or related subjects.

Students will be expected to study the subject over the range of two years, with the first half being covered at AS Level and the completion of the entire course will happen at A Levels.

Assessment Summary:

AS LEVEL: Three written examinations

Statistics 1 One hour Thirty minutes 33 $\frac{1}{3}$ % of the marks

Pure Mathematics 1 One hour Thirty minutes 33 $\frac{1}{3}$ % of the marks

Pure Mathematics 2 One hour Thirty minutes 33 $\frac{1}{3}$ % of the marks

A LEVEL: Three written examinations (50% marks from AS Level)

Statistics 2 or Mechanics 1 One hour Thirty minutes 33 $\frac{1}{3}$ % of the marks

Pure Mathematics 3 One hour Thirty minutes 33 $\frac{1}{3}$ % of the marks

Pure Mathematics 4 One hour Thirty minutes 33 $\frac{1}{3}$ % of the marks

All components are externally assessed.

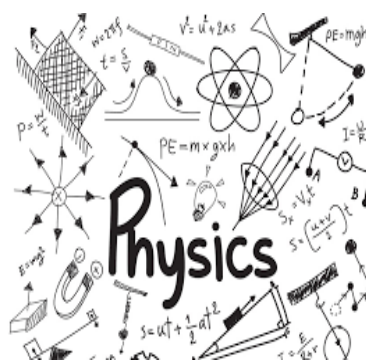
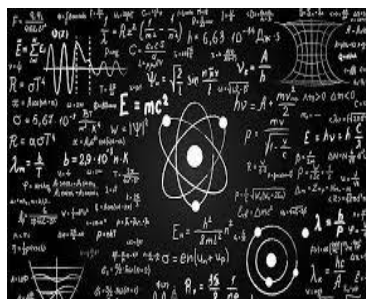
University Pathways and Careers:

Career opportunities are unlimited for mathematics majors. They may pursue graduate education, career paths in business, science or technical fields or disciplines such as social services, education and government. Some of the occupations that mathematics majors enter include are

accountant, actuary, computer programmer, doctor, engineer, investment manager, lawyer, government research and laboratories, theoretical mathematician, mathematician, numerical analyst, statistician, teacher, market researcher, systems analyst, banking, government and space/aircraft industry.

AS & A LEVEL PHYSICS

**SUBJECT CODE:
9702**



Course Structure:

Cambridge International A Level Physics provides a foundation for the study of physics or related courses in higher education. Equally it is suitable as part of a course of general education. The curriculum enables candidates to develop skills in data analysis, evaluation and drawing conclusions, cultivating attitudes relevant to science and understand their responsibility to others/society and to care for the environment.

Assessment Summary:

9702/12 Multiple Choice 1 Hour 15 Minutes 40 marks
 9702/22 AS Level Structured 1 Hour 15 Minutes 60 marks
 9702/34 Advanced Practical Skills 2 Hours 40 marks
 9702/42 A Level Structured Questions 2 Hours 100marks
 9702/52 Planning, Analysis and Evaluation 1 Hour 15 Minutes 30 marks
 All components are externally assessed.

University Pathways and Careers:

After the completion of a full A Level qualification, candidates continue their university education for majoring into various fields in science and technology like:

Applications Engineer. • Laser Engineer. • Data Analyst. • Aeronautical Engineer • Design Engineer. • Nuclear Scientist • Astronomer • Space Scientist • Biophysicist • Aerospace Engineer • Medical Physicist Accelerator Operator. • High School Physics Teacher.

AS & A LEVEL ACCOUNTING

**SUBJECT CODE:
9706**



Course Structure:

The study of accounting engages students with the relevance and applicability of accounting in real world contexts. Students will explore the roles and responsibilities of the accountant, and study areas such as financial accounting and cost and management accounting.

Studying this subject helps students to understand, apply, analyse and evaluate accounting information to help decision-making in business and communicate information to stakeholders. These transferable skills are an ideal foundation for further study and a career within accounting and related professions.

Assessment Summary:

AS LEVEL: Two written examinations

Paper I One hour 28% of the marks (Multiple choice questions)

Paper II One hour and forty-five minutes 72% of the marks (Structured Questions)

A LEVEL: Two written examinations (50% marks from AS Level)

Paper III One hour thirty minutes 60% of the marks (Financial Accounting)

Paper IV One hour 40% of the marks (Cost and Management Accounting)

All components are externally assessed.

Course Aims and Objectives:

If you have any aspirations to work in any sort of financial environment, be it directly related to accounting or a related area of business or industry, an appreciation and understanding of accounting will be important to you.

Studying for an **A-level in accounting** will introduce you to both financial and management accounting, which will prepare you for either further study in this subject or direct entry into an accountancy office environment. There is a large amount of flexibility in an accounting career path, which allows accountants to pursue duties in many areas like audit, tax, forensic accounting, budget analysis, financial analysis, management, and consulting.

AS & A LEVEL BUSINESS

**SUBJECT CODE:
9609**



Course Structure:

The syllabus enables students to understand and appreciate the nature and scope of business, and the role it plays in society. It encourages students to examine the process of decision-making in a dynamic and changing business environment and to develop critical understanding of business organisations. They learn about business and its environment, human resource management, marketing, operations management and finance and accounting. At Cambridge International A Level, students also learn how to develop a business strategy.

Assessment Summary:

AS LEVEL: Two written examinations

Paper I 1 Hour 15 mins 40% of the marks (Short answer questions)

Paper II One and half hour 60% of the marks (Based on essay style questions)

A LEVEL: Two written examinations (50% marks from AS Level)

Paper III One hour forty-five minutes 30% of the marks (case study)

Paper IV One hours fifteen minutes 20% of the marks (Two essay based question on a case study)

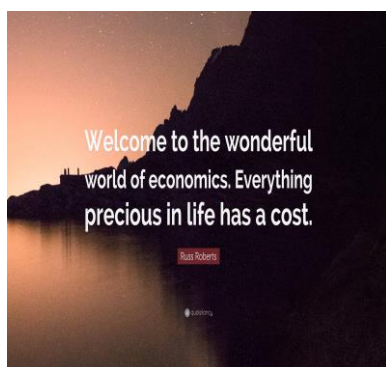
All components are externally assessed.

University Pathways and Careers:

- Actuarial analyst.
- Arbitrator.
- Business adviser.
- Business analyst.
- Business development manager.
- Chartered management accountant.
- Corporate investment banker.
- Data analyst.

AS & A LEVEL ECONOMICS

SUBJECT CODE:
9708



Course Structure:

The study of Cambridge International AS & A Level Economics allows learners to explore concepts and theories which can be applied to the way that modern economies work. Cambridge learners develop the ability to explain, evaluate and analyse economic issues and arguments. They gain lifelong skills and a solid foundation for further study. Students will be expected to study the subject over the range of two years, with the first half being covered at AS Level and the completion of the entire course will happen at A Levels.

Assessment Summary:

AS LEVEL: Two written examinations

Paper I One hour 40% of the marks
(Multiple choice questions)

Paper II One and half hour 60% of the marks
(Based on data response + structured)

A LEVEL: Two written examinations (50% marks from AS Level)

Paper III One hour fifteen minutes 15% of the marks
(Multiple choice questions)

Paper IV Two hours fifteen minutes 35% of the marks
(Based on data response + structured)

All components are externally assessed.

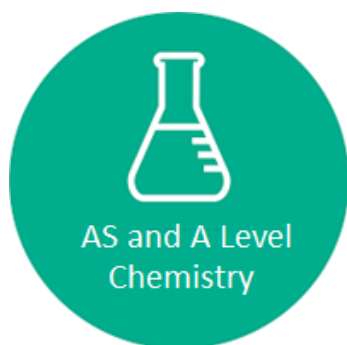
University Pathways and Careers:

A career in economics can be more diverse than you might first imagine. Economics is more than stocks, finance, banking, and government. Most jobs in economics don't even have the word economics in the title. One can pursue BA/B.Sc. Honours in Economics, B.A Honours – Finance, MBA Finance and Marketing, Bachelor of Business Administration, Computer Information Systems.

Students go on to pursue careers in the financial sector, for example in banking and financial services, analytical and trading fields, take up positions as economic or management consultants, engage in entrepreneurial activity, or pursue careers in marketing or law.

AS & A LEVEL CHEMISTRY

**SUBJECT CODE:
9701**



Course Structure:

Cambridge International AS & A Level Chemistry develops a set of transferable skills including handling data, practical problem-solving and applying the scientific method. Learners develop relevant attitudes, such as concern for accuracy and precision, objectivity, integrity, enquiry, initiative, and inventiveness. They acquire the essential scientific skills required for progression to further studies or employment.

Assessment Summary:

AS Level: Three written examinations (Including Practical)

Paper 1 AS Level Multiple Choice 1 hour 15 minutes. 40 marks

Paper 2 AS Level Structured questions 1 hour 15 minutes. 60 marks

Paper 3 Advanced Practical Skills (Practical work and structured questions) 2 hours. 40 Marks.

A Level: Two written examinations.

Paper 4 A Level Structured Ques 2 hrs 100 marks

Paper 5 Planning, Analysis and Evaluation

(Questions are based on the practical skills of planning, analysis and evaluation.)

All components are externally assessed.

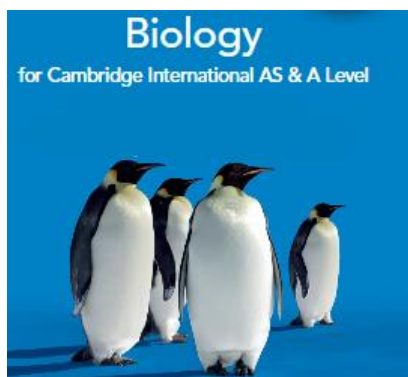
University Pathways and Careers:

Jobs directly related to a degree in chemistry include:

Academic researcher, Analytical chemist, Biotechnologist, Chemical engineer, Clinical scientist, biochemistry, Forensic scientist, Nanotechnologist, Pharmacologist, Research scientist (physical sciences), Scientific laboratory technician, Toxicologist.

AS & A LEVEL BIOLOGY

**SUBJECT CODE:
9700**



Course Structure:

The study of Cambridge International AS & A Level Biology enables students to acquire knowledge and understanding and develop practical skills, including efficient, accurate and safe scientific practices. Students learn to apply the scientific method, while developing an awareness of the limitations of scientific theories and models. This course structure is designed to develop skills in data analysis, evaluation and drawing conclusions, cultivating attitudes relevant to science such as objectivity, integrity, enquiry, initiative and inventiveness.

Assessment Summary:

AS LEVEL: Three written examinations (Including Practical)

Paper 1 One hour fifteen minutes. 40 marks. 31% of the AS Level

(Multiple choice questions)

Paper 2 One hour fifteen minutes. 60 marks. 46% of the AS Level.

(Structured Questions)

Paper 3 Advanced Practical Skills. 2 hours. 40 Marks. 23% of the AS Level.

(Practical work and structured questions)

A LEVEL: Two written examinations.

Paper 4 Two hours. 100 marks

(A Level Structured Questions)

Paper 5 One hour. 30 marks

(Questions are based on the practical skills of planning, analysis and evaluation.)

All components are externally assessed.

University Pathways and Careers:

Neurology, genomics, microbiology, pharmacology, veterinarians, doctors, nurses, dentists and other healthcare professionals, marine and/or aquatic biologist, zoo biologist, conservation biologist, ecologist and environmental manager, Careers in biotechnology/ Careers in forensic science/ Careers in government and policy/ Careers in business and industry/ Careers in economics/ Careers in science publishing and communication etc.

AS & A LEVEL TRAVEL & TOURISM

SUBJECT CODE: 9395



Course Structure:

Cambridge International AS & A Level Travel & Tourism encourages students to study trends in travel and tourism as well as recognise the significance of sustainability. Working as part of a team to organise and manage a travel and tourism event allows students to develop a set of transferable, vocationally relevant skills. Learners get a more in-depth grasp of the planning, management, and marketing of travel and tourist destinations. Developing critical thinking, independent research, communication, and time management skills prepares students for advancement into further education or direct work.

Assessment Summary:

AS LEVEL: One written examination

Paper 1 Themes and Concepts: 2 hours for **75 marks**. Questions are based on topics 1-4 of the subject content

Paper 2 Planning and Managing a Travel and Tourism Event: Coursework for **50 marks**.

Internally assessed, externally moderated.

A LEVEL: Two written examinations (50% marks from AS Level)

Paper 3 Destination Marketing: 1 hour 30 minutes for **50 marks**

Paper 4 Destination Management: 1 hour 30 minutes for **50 marks**

Externally assessed.

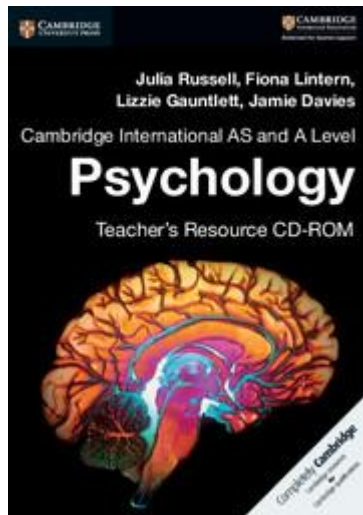
University Pathways and Careers:

Students have a wide variety of career options in the fastest growing industry of travel because the course provides them with a variety of transferable skills such as leadership, teamwork, problem solving, communication skills, with a strong customer focus, IT skills, the ability to research, presentation skills, and the ability to work to deadlines.

A work in this field may be extremely interesting and adventurous, as well as well-paying. There are several career possibilities accessible in the tourist business. These include positions such as Officers in Tourism Department, Marketing managers, tour planners, reservation staff, and officers in travel agencies, as well as customer service, event management, marketing executives, passenger transport managers, and tour planners.

AS & A LEVEL PSYCHOLOGY

SUBJECT CODE: 9990



Course Structure:

The study of Cambridge International AS & A Level Psychology allows learners to explore concepts and theories which can be applied to the way that modern Psychological approaches. Cambridge learners develop the ability to explain, evaluate and analyse issues and arguments. They gain lifelong skills and a solid foundation for further study. Students will be expected to study the subject over the range of two years, with the first half being covered at AS Level and the completion of the entire course will happen at A Levels.

Assessment Summary:

AS LEVEL: Two written examinations

Paper I One and half hour, 60 marks

Paper II One and half hour, 60 marks

Externally assessed each paper constitutes 50% of the AS Level, 25% of the A Level.

A LEVEL: Two written examinations (50% marks from AS Level)

Paper III One and half hour, 60 marks

Paper IV One and half hour, 60 marks

Externally assessed each paper constitutes 25% of the A Level.

University Pathways and Careers:

A career in psychology can be more diverse than you might first imagine. Psychology is more than mental issues and stereotypes. One can pursue BA/B.Sc. Honours in Psychology, B.A Honours – Counselling, Child development, Educational support & determinations, Clinical psychology, Sports psychology, Military psychology, Applied psychology, Organizational/industrial psychology, Forensics.

Students go on to pursue careers in the varied sectors, for example in Labs, clinics and financial services, analytical and psychiatric fields, Educational, Sport, government sector positions as Psychologists, Counsellors, Psychiatrist, Therapist, Social workers, and wellbeing coaches engage in entrepreneurial activity, or pursue careers in marketing and even law.

CAMBRIDGE INTERNATIONAL PROJECT QUALIFICATION

SUBJECT CODE: 9980



Course Structure:

Cambridge IPQ is typically for learners aged 16 to 19 years. It is ideal for students who want to extend learning beyond their Cambridge International AS & A Levels and are looking for an opportunity to stand out from the crowd when applying to universities and employers.

Studying for the Cambridge IPQ allows learners to demonstrate engagement with their chosen topic beyond preparation for an exam. Academic evidence suggests that this sort of deeper engagement will help develop their ability to be life-long learners.

Assessment Summary:

Cambridge IPQ is a single component that is externally assessed (all projects are marked by Cambridge examiners). Students complete a research report of 5000 words which will be eligible for grades A* to E. 80 marks. Although it is a standalone qualification, it will be graded by Cambridge at the same standard as a Cambridge International A Level.

University Recognition:

The Cambridge IPQ builds on the knowledge, understanding and skills typically gained by candidates taking Cambridge IGCSEs or O Levels. A growing number of universities recognise the value Cambridge IPQ provides to prospective undergraduates.

BTEC SUBJECTS

BUSINESS

BTEC LEVEL 3



Course Structure:

In today's world of international business, success is driven by people with the skills to balance satisfying their customers with providing great product and services. The BTEC Level 3 Certificate is for learners who are interested in developing business-sector knowledge alongside other fields of study. Pearson BTEC International Level 3 qualifications in Business are for those wanting to progress into higher education, or employment in a range of business or entrepreneurial roles. Our business suite has been written in response to employer and university feedback and future skills requirements.

Pearson BTEC International Level 3 Certificate in Business 180 taught hours is equivalent in size to 0.5 of an International A Level.

Assessment Summary:

International BTECs are internally assessed allowing for practical assignments that combine knowledge and career related skills. 25% of these assignments will be set by Pearson to provide additional external standardisation. Assignments are scenario based and designed to be work relevant, for example by researching and presenting information and demonstrating the skills needed for employment. Typically BTEC students are expected to do 3 assignments of which 2 are set by the course teacher and 1 is Pearson's set assignment brief.

University Pathways and Careers:

BTECs are designed for progression into employment, such as starting their own business, and higher education:

- BSc (Hons) in Business and Management
- BA (Hons) in Business and Finance
- BSc (Hons) in International Management
- BSc (Hons) or BA (Hons) in Marketing
- BSc (Hons) in Retail Management

Always check the entry requirements for degree programmes with specific higher education providers. Learners can also progress onto Pearson Higher Nationals:

- Pearson BTEC Level 4 Higher National Certificate in Business
- Pearson BTEC Level 5 Higher National Diploma in Business

BTEC LEVEL 3



The Pearson BTEC International Level 3 qualifications in Information Technology are designed for learners who are interested in the study of information technology, with a view to progressing to a range of graduate entry higher-education courses and/or working within the IT industry on completion of this qualification. Learners will have exposure to a wide range of IT topics that will enhance their progression to higher education in this sector, a complementary sector or a contrasting sector, and ultimately lead to employment

Assessment is designed to fit the purpose and objective of the qualification. It includes a range of assessment types and styles suited to vocational qualifications in the sector. All assessment is internal but some mandatory units have extra controls on assessment and are called 'set assignment units'. Additionally, some units are synoptic.

Jobs available in these areas include: • Software Developer • Web/Content Developer • Mobile App Designer • Games Designer • Programmer • IT/Business Analysis Support. These qualifications are recognised by higher-education institutions as fully meeting admission requirements to many relevant courses in a variety of areas of the IT sector, for example: • HNC in Interactive Media • FdSC in Business Computing • HND in Engineering • BSc (Hons) in Information Management for Business • BA (Hons) in Accounting and Finance • BSc (Hons) in Information Management for Business.

FREQUENTLY ASKED QUESTIONS

- **To study an AS/A Level subject, do I have to have a I/GCSE in that subject?**

In *some* cases, prior study of the same subject might not be a prerequisite. Some of the A Level subjects will not even have been offered to you at I/GCSE. For example, popular A Level subjects like Law, Psychology and Sociology are rarely offered at the I/GCSE level. On the other hand, there are other subjects which you must have studied at I/GCSE and done well in such as English, Mathematics, Science, Psychology or others.

- **How can I support my child with Post 16 options?**

Encourage your child to start researching about Universities that they will be going to **after** their A Level Examinations to ensure that the subjects they select at AS Level and graduate with at A Level fulfill the admission requirements.

- **How many A Levels can I take?**

The minimum requirement even for the best universities is that you take three A Level subjects. Some students choose to take on additional AS or full A Level subjects, giving them a total of four or five A Level subjects with which to apply to university.

For any further questions or concerns please contact:

Admissions

Admissions@pristineschool.com