



PERDANA COLLEGE OF MALAYSIA

The Premier Choice...where learning comes alive!

Collegiate Pre-University Matriculation

The Preferred Route to University

Partner Universities

Acadia University (Canada)

Algoma University College (Canada)

Curtin University of Technology (Australia / Malaysia)

Northumbria University (UK)

University College Sedaya International (Malaysia)

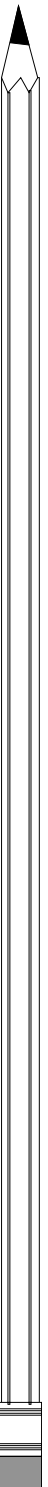
www.acadiau.ca

www.algomau.ca

www.curtin.edu.au

www.northumbria.ac.uk

www.ucsi.edu.my





About the College

PERDANA COLLEGE

OUR AIM: *to provide top quality, relevant and affordable education.*

The College specializes in preparing students to enter foreign universities, particularly in the discipline of computer science, IT, accounting, business information systems, business administration, management and liberal arts.

OUR Students have been accepted by

Acadia University, Algoma University College, University of Winnipeg, Carleton University, University of Waterloo, La Trobe University, Curtin University of Technology, University of Manitoba, University of Windsor, Lethbridge University, Middlesex University, University of Hertfordshire, Northumbria University, University of Southern Queensland, University of Wollongong, University of Luton, Multimedia University.

A number of local universities have also accepted our PUP students.

MALAYSIAN OPTION: Perdana College is a member college of Sedaya International Group of University, Colleges and Schools. Students can proceed to **University College Sedaya International** (Malaysia) to study any of the available programs there, in addition to credit transfer facilities to many more universities in Canada, UK, Australia and New Zealand.

Our Philosophy: The Perdana Approach

EXCELLENCE: Our standards are high, and our programs are designed to help you aim high, too. The professional faculty is dedicated to students both in and out of the classroom. In a world of continuing change, PUP faculty strives to engage students in a rigorous curriculum that will prepare them for and challenge them to pursue a lifelong love of learning. .

CRITICAL THINKING: The most important benefit that you can gain from your studies in Perdana College is the *ability to think critically, to reason soundly, to imagine creatively and to communicate effectively* – essential skills in the world today. The teachings are designed to stretch your imagination, challenge the status quo, and apply your knowledge to real life situation.

INTEGRITY: we seek to develop students to become responsible persons with honesty and integrity.

SMALL CLASS SIZES: contact with faculty members is easy and unhampered, either personally or via email. Familiarity with our students allows us to address students' education individually and holistically.

IT INTEGRATION: use of information technology is integrated into the courses.



What is Perdana Pre-University Program?



PUP
Program

PUP is similar to matriculation, an *accelerated program* that is tailor-made for the students to prepare them to enter into a degree program. Students can complete the program in 3 semesters (12 months), and can then be directly admitted into a degree program.

This means students can save tremendous time when compared to studying either "A" level or HSC / ISC. Perdana's PUP students have been admitted into many universities and many have already completed their degree programs in overseas universities.

RECOGNITION: *Acadia University, Northumbria University, Curtin University of Technology, Algoma University College, and UCSI* recognize the PUP as meeting their university entrance requirements. Our PUP graduates have also been accepted by numerous other institutions.

Uniqueness of the Pre-University Program

- ❖ Qualifies students for direct entrance into a degree program.
- ❖ Provides opportunity to pursue some university courses while still completing requirements for regular university entrance.
- ❖ Some subjects that the students study are credit courses in many universities.
- ❖ Flexibility in entering and graduating from the PUP at varied times.
- ❖ Students experience a pace of study demanded in studies at the undergraduate level while still under the closer supervision and guidance provided in a high school environment.
- ❖ An atmosphere of friendship and mutual respect is cultivated between the faculty and students, offering students a maximum of personal freedom while maintaining the guidance required to encourage self-discipline.
- ❖ High-calibre faculties, most of whom possess foreign postgraduate qualifications.

Facilities

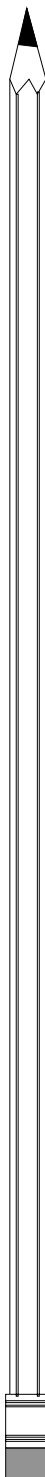
- ❖ Students study computer courses in modern laboratories with email and Internet access.
- ❖ Students enjoy the same conveniences as a university student.
- ❖ Student services include personalized assistance, program/career counseling; planning for university and accommodation for special needs.
- ❖ IT, English and Mathematics Support Centers



Specialization: Computer Systems & Networking; Computer Science; Applied Computing; Business Information Systems; Accounting & Finance; Management; BBA; BBA(IT); Mass Communications; Psychology; Liberal Arts; Engineering (*need to proceed to University College Sedaya International to complete the program.*)

Subjects (choose nine): Elementary Programming; Information Technology; Computer for End Users; Basics of Electronics & Circuits; Physics; Biology; Business; Accounting Practice; Economics Principle; Quantitative Methods; Algebra & Trigonometry; Differential & Integral Calculus; Probability & Statistics; Sociology; Finite Mathematics; Academic English; Film Art: An Appreciation

Duration: 3 semesters (12 months). Students who do not possess the necessary level of proficiency in English and Mathematics must study prerequisite bridging subjects, which will extend the duration of study.





BUSINESS

This business course introduces the students to various functional aspects of business, its organization, and management. It also covers the prospect of careers in the companies as well as managing information in an electronic age. Among others, the aims are to provide an introduction to business environment; acquaint students with the general structure of a business and develop students' interest and appreciation for business.

DIFFERENTIAL & INTEGRAL CALCULUS

Calculus is essential in the field of engineering and many other fields of studies. Topics include graphs, functions, transcendental functions, limits, differentiation, antiderivatives. A wide range of applications will be covered. The goals of this course are that the students will develop a solid foundation in the fundamentals of calculus; grow in comprehension of the concepts and applications of derivatives & integrals; be able to apply what they have learnt and be well prepared for the advanced courses in the calculus sequence.

PROBABILITY & STATISTICS

This module equips students with a strong understanding of statistical concepts and their applications to a variety of examples drawn from various disciplines. Topics include tabulation & representation of data, empirical & theoretical probability, discrete & continuous random variables, sampling & sampling distribution, estimations, and decision making. Carefully chosen examples consolidate students' understanding of the concepts and develop problem-solving and modelling skills through the solving of more complicated, non-routine problems using a statistical software (Minitab).

ALGEBRA & TRIGONOMETRY (Pre-Calculus)

A good grasp of mathematics is fundamental to many branches of studies, such as, computer science, engineering, and economics. This is a prerequisite course for Advanced Calculus and Linear Algebra. Great emphasis will be placed on acquiring graphing techniques, interpretation, and solving real-life applications. Topics include polynomials, functions, graphing techniques, determining zeros, exponential & logarithmic functions, trigonometric & inverse trigonometric functions, sinusoidal graphs, vectors, trigonometric identities, and DeMoivre's theorem. At the end of the course, students would have a good grasp of various functions and graphing techniques, and the ability to apply in real life situation.

GENERAL PHYSICS I

The module is designed to provide a base for further study in science, engineering, or technology. It introduces the general principles of mechanics, the mechanical and thermal properties of matter. Topics include: uniformly accelerated motion; Newton's Laws of Motion, momentum, motion in a circle, static equilibrium; work and energy, rotational work, energy & momentum; mechanical and thermal properties of matter, Laws of Thermodynamics; vibration, waves, and sound.

ACCOUNTING PRACTICE

Accounting focuses on recording and reporting financial activities of businesses or other specific entities. A good and sound accounting system is of great importance for a successful business organization. This course covers the basic financial accounting concepts and principles. It includes analyzing, recording and reporting of the transactions for service and merchandising businesses. Students will learn to prepare the income statements, retained earnings statements and balance sheets. Furthermore, they will learn to use accounting knowledge to understand the business.

FINITE MATHEMATICS FOR BUSINESS

The basic of algebra, inequalities, solving of polynomials of different degrees, polynomial and exponential functions will be covered. In addition, mathematics of finance, linear programming, concept of probability and differentiation are introduced. Apart from imparting the concepts, great emphasis will be placed on acquiring graphing techniques and solving real-life business applications. Some case studies will also be presented.



Course Outline

INFORMATION TECHNOLOGY

This course develops students in the knowledge and skills in effectively using popular IT software tools in solving business and academic problems. It furnishes an individual with the necessary know-how to select an appropriate information tool in different situations. Operating systems and software packages will be covered through hand-on assignments. Students will also be introduced to local area network and distributed environment, and initiated into C++ programming.

COMPUTER FOR END USERS

The operating principles of the computer technology, the hardware, software, networking, communication, and the information systems are covered. The evolving trends of IT and the recent development and functioning of the CPU are highlighted. The use of information systems to provide the information need of a business organization is presented. Appropriate laboratory sessions supplement the course.



BASICS OF ELECTRONICS & CIRCUITS

Electrical circuit theory is essential to understand, predict and design electrical and electronic systems. D.C. and A.C. circuits composed of resistors, inductors and capacitor will be covered, supplemented by circuit analysis software such as Electronics Workbench. Introduction to digital electronics is through logical gates and their integration together with the study of ideal operational amplifier as examples of integrated circuits.

ELEMENTARY PROGRAMMING

This course introduces students to the exciting field of C++ programming. The emphasis is on program structure, documentation, top-down design and modular programming. Various data types and their manipulation, decisions and repetition, input/output and subprograms will be considered together with arrays and strings.

BASICS OF SOCIOLOGY

Students are introduced to the essential elements of sociology, giving them an opportunity to use this sociological imagination in understanding and mastering their social world. The course covers a wide range of topics, including the family, education, social differentiation, stability and control, and demographic issues.

ECONOMICS PRINCIPLES

The goal of this course will be to provide students with an understanding of the concepts of microeconomics and macroeconomics, the role of scarcity and the role of marketing systems in solving economic problems. Topics encompass demand, supply and market equilibrium; elasticity of demand & supply; firm behaviours; competitive markets and imperfect competition; costs of production; measurement of cost of living; national account & financial institutions; international trade & trade restrictions; government revenues and expenditures.

QUANTITATIVE METHODS

Managers in business need to be cognizant of both qualitative and quantitative techniques that may aid their decision-making. The concepts of relevance are developed by the application of the techniques to business problems. Students will be able to apply appropriate techniques to business situations and to construct simple models to describe business problems.

ACADEMIC ENGLISH

This module develops students' literacy and communication skills relevant to business and to better equip students with skills required for further study in an academic environment. Focus will be on academic reading, writing, research and presentation.





Admission Requirements

Students should have completed one of the following levels of study:

1. A minimum of 5 passes in GCE "O" level with grade C, including Mathematics and English.
2. First Division (60%) or GPA > 3 in SSC/Indian ICSE or its equivalent, with good passes in Mathematics and English.
3. Other qualifications: any education equivalent to Grade 11 or Form 5 may be accepted.

Students who are waiting for their SSC/ICSE results may be offered a provisional place in the PUP if they have performed satisfactorily in the college admission test. Students who are deficient in mathematics may be admitted, but are required to take bridging courses, which will lengthen the duration of study. Students desiring to pursue Science, Computer Science or Engineering should have also passed their Physics. Depending on the intended program of study, other science subjects such as Chemistry or Biology may apply.

English Proficiency Requirement

The language of instruction is English. Hence, students must possess a level of English proficiency that is sufficient to participate in all aspects of college studies, including lectures, reading, writing, discussion, and research. The minimum English requirement is IELTS 5.5, TOEFL 530 (or 197 in computerised score). Applicants who do not have sufficient English proficiency are required to undergo intensive English with reduced course load. Such students may take a longer time to complete their programs.

ADMISSION PROCEDURES

- Contact the College for an Application Form;
- Submit the Application Form together with 4 passport-size photographs and attested copies of your academic certificates;
- Appear in person for the Assessment Test during the designated dates;
- Collect the Letter of Acceptance from the College; pay up the Admission Fee.



SESSIONAL INTAKE

- There are three intakes per year. Students can apply during any of these intakes. New semester begins every January, May and September.

SCHOLARSHIPS

Upon successful completion of the PUP, students with a good CGPA of at least 75% will be considered for Perdana Premier Scholarships. The scholarship waives 25% to 100% of the tuition fees during the duration of the degree program study in Perdana College.

Tuition Fees and Others

Admission Fees: Tk 16,000 Refundable Deposit: Tk 10,000 Tuition Fee: Tk 63,000

**Note: if bridging courses are required, extra fees will be incurred.*

PERDANA COLLEGE OF MALAYSIA

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Perdana College of Malaysia is wholly owned by Ethos Enterprise (BD) Pte. Ltd.

This information is accurate at the time of printing and the college reserves the right to make amendments without prior notice.

As such, the college shall not be held liable for subsequent changes to the curriculum, fees, duration of study, projected date of completion and so forth. -- July 27, 2005