

Welcome Programme for CAE Parents Orientation

Date: 10 June 2019 (Monday)

We at Sunway University are looking forward to welcoming you to Sunway University's new students' orientation on 10th June 2019, Monday.

The Orientation is designed around you, helping you to uncover answers to questions you may have, and providing you information about campus resources, programs, and services. It also provides you with a chance to meet other incoming Sunway University students.

In order to support you better, students are required to sit for the English Placement Test on the second day of Orientation (10th June 2019, Monday). The **English Placement Test is compulsory for all students**. Following the English Placement Test, there would be a Mathematics Placement Test (optional). Please refer to the attached "Guide for Placement Tests" for an explanation of options for the Mathematics Placement Test and details of the English Placement Test.

In addition, Sunway University's Centre for American Education also would like to invite your parents to join the **Parent Orientation Program**. Details are as below:

Meet and Greet Session with Head of Centre	
Date	10 th June 2019, Wednesday (First day of New Students Orientation)
Time	9:00am – 10.00am (light refreshments will be served at 8:30 am)
Venue	Lecture Theatre 8, Level 1, Sunway University.

The following information will be presented during the Parents Orientation Program: -

- An overview of the students' expected progress in ADTP, the transfer support,
- CGPA system, academic support, and
- Key contact persons in Sunway University's Centre for American Education if faced with issues

Attached herewith is the orientation program details of the activities taking place for your reference.

*Please note: Sunway Campus provides on-campus parking facilities but spaces are limited. Alternative parking areas are available at Monash BRT station multi-storey car park or Sunway Pyramid Shopping Mall (take the canopy walk over to Sunway Campus)

Attachment 1: Guide for Placement Test

MATHEMATICS PLACEMENT TEST

- MATH 1024 Pre-Calculus covers a wide range of topics. It is highly recommended for students to take this subject. This subject is required by the ADTP Science and Engineering students. It is optional for the students enrolled under ADTP Arts. However, more competitive business schools in the U.S. will require students to take Pre-Calculus. Students opting for Liberal Arts major may take the lower level Mathematics subject, which is MATH 1013 Finite Mathematics.
- Students will be exempted from taking Mathematics Placement Test and MATH 1024 Pre-Calculus subject if they fulfil any one of the following criteria:
 - STPM/A-Level: Grade C and above in Mathematics T/Mathematics S
 - SPM: A+ in Additional Mathematics
 - UEC: Grade 2 and above in Advanced Mathematics I & II
- Students who qualify for the exemption but decided to sit for the mathematics placement test, and failed the placement test, will be required to take the subject MATH 1024 Pre-Calculus.
- Topics covered:

Topics	Example
Calculation on fraction numbers	$2 - \frac{4}{7} + \frac{1}{3}$
Logarithms	Use identities to solve logarithm equation, for example, $\log_2 x + \log_2 5 = 3$ etc.
Surds	Simplify $\sqrt{2} + \frac{1}{\sqrt{2}}$, $\frac{1}{\sqrt{2}-1} + \frac{1}{\sqrt{2}+1}$, etc.
Indices	Solve $5^{3x} = 125^x$, $5^x - 7 = 0$, etc.
Polynomial	Factorize $x^2 + y^2 + x^4 - y^4$, express x in terms of y and z from an expression $x + y^2 = 3xz - y^4$, etc.
Solving Quadratics Equations	Use formula to solve $x^2 = 3x + 7$, etc.
Solving Inequalities	Solve $(x+2)(3-x)(2x-7) < 0$, $\frac{(x+2)(3-x)(2x-7)}{(2x-3)(x+4)} \leq 0$, etc.
Functions	Find inverse function f^{-1} and composite function $f[g(x)]$, etc.
Trigonometric functions	Find $\sin x$, $\cos x$, $\tan x$ from a triangle. Application of the properties of double angle formula.
Geometry	Find slope, equation of a straight line
Calculus	$\frac{d}{dx}(3x^4 - 7\sqrt{x})$, $\int_1^2 x^3 + \frac{3}{\sqrt{x}} dx$, etc.

- Some important formulas are given, but **NO CALCULATOR IS ALLOWED**.
- Please check your result on 13th June 2019 (Thursday), 10am at CAE Admin Office, Level 5, Sunway University.

ENGLISH PLACEMENT TEST

1. ENGL 1014 Fundamentals of College Writing (English Composition 1) is taken by all students in the U.S., including American students. It is to assist students to transcend from high school essays to university essays.
2. Criteria **NOT** to take the placement test: Results from TOEFL and IELTS that meet U.S. university basic admission requirement.

Students with written score:	
6.0 and above	Exempted from ENGL 1014
5.0 - 5.5	Advise students to take ENGL 1014
4.5 and below	Advise students to attend the Intensive English Program (IEP) test.

3. Topics covered:
Sentence check, grammar, spelling, punctuation and essay.
4. Please check your result on 13th June 2019 (Thursday), 10am at CAE Admin Office, Level 5, Sunway University.