

Special Pre-Calculus Classes for New Undergraduate Students

1st Special Classes

Date	Classroom	Place
January 19 (Mon)	Hoam Hall 105	Humanities and Social Sciences Campus
January 21 (Wed)	Hoam Hall 105	Humanities and Social Sciences Campus
January 23 (Fri)	Hoam Hall 105	Humanities and Social Sciences Campus

2nd Special Classes

Date	Classroom	Place
February 09 (Mon)	Creativity Zone	Natural Sciences Campus
February 11 (Wed)	Creativity Zone	Natural Sciences Campus
February 13 (Fri)	Creativity Zone	Natural Sciences Campus

Syllabus

Time (10AM – 12AM , 1PM – 3PM, 4Hours/day)

Lesson	Contents
1st	<p>BASIC CONCEPTS: REVIEW</p> <p>FUNCTIONS</p> <p>POLYNOMIAL AND RATIONAL FUNCTIONS</p> <p>EXPONENTIAL AND LOGARITHMIC FUNCTIONS</p>
2nd	<p>TRIGONOMETRIC AND CIRCULAR FUNCTIONS</p> <p>TRIGONOMETRIC IDENTITIES, EQUATIONS, AND GRAPHS</p> <p>APPLICATIONS OF TRIGONOMETRIC FUNCTIONS</p>
3rd	<p>DISCRETE MATHEMATICS: FUNCTIONS ON THE SET OF NATURAL NUMBERS</p> <p>SYSTEMS OF EQUATIONS AND INEQUALITIES</p> <p>ANALYTIC GEOMETRY</p>

- **Participants**
- (1) International or Korean students who were accepted via special admission programs from Sungkyunkwan University as new undergraduate students in 2015.
- (2) Undergraduate students who want to study more in mathematics.
- **How to register**
- Send the email (mtlc@skku.edu) including the following information:
 - (1) University ID number (2) Name (3) Major
 - (4) Your choice of the classes (1st or 2nd) (5) Phone number (6) Email address
- **Organizing Institute**
- Mathematics Teaching and Learning Center (MTLC)
- Sungkyunkwan University
- Room: 51353, 51354(General Studies)
- Homepage: <http://mtlc.skku.edu>
- Textbook: Loan from MTLC or download from the homepage of MTLC