**Foundation Program**

**Components:**

1. **English :-**

**FND 101 (English 1):**

Listening & Speaking

Reading & Writing

Grammar

CALL

Vocabulary

Self-Study Materials

**FND 102 (English 2):**

Listening & Speaking

Reading & Writing

Grammar

Video Listening

Research Skill Component

Self-Study Materials

 **FND 103 (English 3):**

Academic Listening

Academic Reading

Academic Writing

Academic Speaking

Seminar

Medical Terms

MR Project+ Oral Presentation

Academic Extended Reading

1. **Mathematic :-**

**FND 201 (Math 1):**

Basic mathematical concepts and their uses

**FND 202 (Math 2):**

Pure Mathematics

1. **Information Technology:-**

**FND 301 (IT 1):**

Computer Fundamentals

Key Applications (Microsoft Office-Word)

**FND 302 (IT 2):**

Key Applications (Microsoft Office-PowerPoint & Excel)

Living Online

**Program Details :**

**FND 101** provides the students opportunities to develop the four language skills: listening, speaking, reading and writing through an integrative approach. Students are guided to develop autonomous learning strategies and academic study skills. Communicative and interactive teaching approaches are employed to enable students to become active learners. It is taught for 288 hours in a 12-week trimester at the rate of 24 hours per week. Upon completion of this course, students achieve language proficiency at Pre-intermediate level.

**FND 102** demands a higher level of comprehension, critical thinking and communication from the learners in the four language skills. Students are encouraged to cultivate independent learning habits ,improve their study skills and become active learners. Throughout the course, communicative and interactive teaching approaches are employed. The learners spend 240 contact hours scheduled for 20 hours weekly in a 12-week trimester. Upon completion of this course, students attain language proficiency at Intermediate level.

**FND 103** prepares the students to meet the demands of the undergraduate courses by enhancing their abilities in the four language skills --listening, speaking, reading and writing. Students are engaged in learning and applying the skills involved in comprehending challenging texts and producing language in a well-organized manner. It lasts for 240 hours at the rate of 20 hours per week in a 12-week trimester. Upon completion of this course, students are expected to demonstrate High Intermediate level language proficiency.

**FND 201** covers basic mathematical concepts and their uses. The topics taught include arithmetic properties of numbers, exponent laws, word problems with equation and inequalities etc. Basic algebraic and geometric problems constitute part of the syllabus. Students also study basic concepts in trigonometry and apply the knowledge of algebra and trigonometry to solve problems based on real life situations. This 36-hour course is covered in a 12-week trimester at the rate of 3 hours per week.

**FND 202,** a sequel to FND 201 is an advanced course in Pure Mathematics. The syllabus includes the definition of a function and its graph, quadratic equations, and exponential and logarithmic functions. Students are also exposed to analytical trigonometry and circular functions. In statistics, basic concepts of descriptive statistics and probability analysis are covered. This 36-hour course is covered in a 12-week trimester at the rate of 3 hours per week.

**FND 301** offers basic theoretical foundation to understand the make-up of computersystem in terms of hardware and software, data storage and memory. It exposes the students to the importance of information networks within computing and provides hands-on experience with common software applications. The course lays emphasis on developing file management skill using Microsoft Windows operating system and use word processing to create well-formatted documents and tables. This course is offered for 24 hours at the rate of 2 hours per week in a 12-week trimester.

**FND 302**, a sequel to FND 301 enhances students’ abilities in using the Internet, PowerPoint presentation and managing spreadsheets. Students gain theoretical and practical knowledge about using search engines, networking, effective use of email, use presentation packages to create effective academic presentations, manipulating the data on spreadsheets and creating graphs using the data. This course lasts for 24 hours at the rate of 2 hours per week in a 12-week trimester.