



مدونة المناهج السعودية

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الموقع التعليمي لجميع المراحل الدراسية

في المملكة العربية السعودية

MATH 005 Basic Mathematics (2-0-2)

Linear equations and applications, linear inequalities, absolute value in equations and inequalities, complex numbers, quadratic equations and applications, functions, odd and even functions, operations on functions, inverse functions, exponential and logarithmic functions, trigonometric functions, conic sections, systems of equations and inequalities, matrices, matrix operations.

Prerequisite: None

ENGL 001 – Preparatory English I (15-5-8)**ENGL 002 – Preparatory English II (15-5-8)**

Students follow a two-semester (600 hour) intensive English-as-a-foreign-language program from an elementary level to an intermediate level. Emphasis is on building the skills of reading, listening, writing and speaking for application to academic studies in science and technology. Instruction in vocabulary and grammar supports development of these skills. At the same time, word-processing skills are introduced and practiced, study skills are developed and attitudes to study and work are reshaped. Instruction is facilitated through classroom instruction, assignments, project work and computer-based programs.

Prerequisite: None

PE 001– Preparatory Health and Physical Education I (0-2-1)

Basics of personal health (Diseases, causes, prevention). Nutrition: balanced diet. Health and fitness, body composition, weight control, cardiovascular endurance and Flexibility test. Physical education, Basic skills of specified sports. Topics related to health education represent not more than 20% of the course.

Prerequisite: None

PE 003 – Preparatory Health and Physical Education III (0-2-1)

Basics of personal health: teeth, skin, feet, sweat. Related diseases: causes and prevention. Nutrition: balanced diet (food ratio, malnutrition, water, nutritional chart). Health Related Fitness: body composition, weight control, cardiovascular endurance. Cardiovascular and endurance test. Basic skills of specified sports.

Prerequisite: None

PYP 002 – Preparatory Computer Science (0-2-1)

Introduction to computer system components. Windows operating systems and its utilities. Hands-on exposure to application software. Introduction to internet tools and technologies.

Prerequisite: None

PYP 003 – University Study Skills (0-2-1)

This course covers skills needed in student's life such as goal setting, time management, communication, analytical thinking, decision making, and problem solving. The student is expected to put these skills in practice utilizing service learning methodology in order to enrich academic learning outcomes while teaching societal responsibility and strengthen local communities. This course aims to develop leadership skills, career-related skills, and sense of caring for others.

Prerequisite: None

