Department of Mathematics   **Faculty of Science**

MATH 266 (206266)   **MATHEMATICS FOR EVERYDAY LIFE**   **3(3/3-0/0)**

Prerequisite   Second year Standing

Recommended   Enrollments are not permitted for mathematics major students.

Course Description

Comparison of mathematical logic and philosophy. Applications of mathematics in behavioral science, social science and applied science. Problems survey of items in mathematics and their applications to everyday life.

Recommended for Social Science, Humanity Students. Credits are no counted for mathematics major students.

Course Contents	**No. of Lecture Hours**
1. Comparison of mathematical logic and philosophy	1
2. Logic and its application	6
3. Modular arithmetic and its application	6
4. Arithmetic and algebra and its application	4
5. Exponents and logarithm and its application	3
6. Sequence, series and its application	3
7. Matrices and its application	4
8. Graph theory and its application	3
9. Geometry and its application	4
10. Trigonometry and its application	3
11. Analytic geometry and its application	4
12. Calculus and its application	4
Total	**45**