

Department of Mathematics

Faculty of Science

MATH 357 (206357) SCIENTIFIC PROBLEM SOLVING WITH THE COMPUTER 3(3/3-

0/0)

Abbreviation SCIEN PROB SOLV WITH COMP

Prerequisite MATH 111 (206111)

Course Description

Flow charting the algorithm. Data storage methods. Plotting on the terminal, polar coordinates and probability clouds, contour plots, plotting surfaces. Language identification. Entropy in language. Ciphers and codes. Brownian motion. Random walks. Communication problems. Nonlinear Distortion. Negative feedback. Raudive Voices.

Course Contents

No. of Lecture Hours