

1. FOREWORD

This syllabus has been prepared by the Applied Mathematics Subject Committee (Sixth Form) of the Curriculum Development Council in response to the recommendation of the Sixth Form Coordinating Committee. The syllabus has been scheduled for implementation in schools with effect from September 1992 at Secondary 6 and will be adopted in the Hong Kong Advanced Level Examination in 1994. It does not pretend to provide a great new insight into what mathematics teachers should be trying to achieve, rather it seeks to provide suggestions to the way of teaching and the depth of treatment of a certain topic. Its overall objectives are:

1. to develop students' mathematical skills in solving mechanical and real-life problems;
2. to develop students' confidence and interest in applying mathematics;
3. to provide students with a foundation of mathematical knowledge required in scientific and technological studies at sixth form and beyond.

This syllabus contains very few items which are entirely new to the existing sixth form mathematics curriculum. Teachers who are familiar with the existing curriculum should find no difficulty in adopting this syllabus.