

Introduction

Background and Rationale

The mathematics curriculum for Atlantic Canada was developed under the auspices of the Atlantic Provinces Education Foundation (APEF). After full development of this curriculum it was determined provincially that there were some skill areas needing additional attention for academic level students. Mathematics 3103 is designed for this purpose. The content of this course may, at some future date, be incorporated into other academic level mathematics courses.

Mathematics 3103 is strongly recommended for students in the academic program who wish to enter rigorous post-secondary mathematics courses. This course is also accessible to advanced mathematics students who do not take the fourth course in the advanced mathematics sequence, namely Mathematics 3207.

The topics in Mathematics 3103 have been chosen based on information obtained from various sources including the *Diagnostic Mathematics Assessment: Senior High Mathematics*, administered to level III students in September, 2000. While Mathematics 3103 addresses specific needs, it also provides further preparation for topics to be covered in other courses, both at the senior high and post-secondary levels. Mathematics 3103 also includes some topics not included in the Mathematics 1204/2204/3204 sequence.

Mathematics 3103 is designed to complement other senior high mathematics courses. It should not replace Mathematics 1204, 2204 or 2205, 3204 or 3205 to fulfill the requirements for admission to post-secondary institutions.

