

COURSE: Pre-Calculus 11 (PREC11)

INSTRUCTOR

Chris Brandle

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RECOMMENDED PRE-REQUISITES

Foundations and Pre-Calculus 10

CREDITS

4

OVERVIEW

The Big Ideas, Content, and Curricular Competencies for this course can be found here: [Pre-Calculus 11](#)

Big Ideas

Algebra allows us to [generalize](#) relationships through abstract thinking.

The meanings of, and [connections](#) between, operations extend to powers, radicals, and polynomials.

Quadratic [relationships](#) are prevalent in the world around us.

Trigonometry involves using [proportional reasoning](#) to solve [indirect measurement](#) problems.

The Mathematics curriculum is designed to build on students' mathematics knowledge and enables them to apply this knowledge to a broad range of situations encountered in everyday life. This is facilitated by condensing the learning standards, focusing on flexible teaching and learning within relevant situational contexts, and continuing to develop a strong foundation of mathematical understandings and skills, as just one part of an interdisciplinary set of problem-solving, exploratory, and investigative skills and knowledge.

Topics Covered:

Powers & Radicals Factoring Polynomials Rational Expressions Quadratic Functions	Solving Quadratics Inequalities Trigonometry Financial Literacy
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ASSESSMENT

Students will have the opportunity to demonstrate their learning through a variety of means such as tests, quizzes, and written assignments.

REGISTRATION

Please note – vLearn is a District Online School and can only serve students in the SD22 Catchment Area. Grade 8/9 students need approval from their home school administrator to take courses with vLearn. Please use your SD22 email address to register (000000@sd22.bc.ca)



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