

2008→2009 COURSE SELECTION GRADE 10

INTRODUCTION

Nakusp Secondary School offers a comprehensive curricular program for students of all grades. Our objectives are to maximize student potential, learning time, and the exposure students can have from a variety of experiences. The intent is to produce students with the knowledge, skills, and attitudes that will allow them to become successful contributors to society.

Our school's mission is to have our students graduate with the skills and knowledge to move on and succeed with excellence later in life. To this end, we are cultivating a learning environment for which the motto is "**Prove it Possible!**"

This program booklet describes the Grade 10 Program. Students entering Grade 10 will graduate under the Graduation 2004 Program. In this program, students must earn a minimum of 80 credits over their Grade 10 to 12 years.

We would like to thank the secretarial staff and teachers for their contributions in creating this booklet.

Kees van der Pol
Principal

Sue Paterson
Vice-Principal

Graduation Program Examinations

In the Graduation Program, all students are required to write five Graduation Program examinations:

- * English 10
- * Science 10
- * Mathematics 10 (Principles), or Mathematics 10 (Applications), or Mathematics 10 (Essentials)
- * Social Studies 11, or BC First Nations 12, or Civics 11
- * English 12 or Communications 12

With the exception of the English 12 or Communications 12 examination, all other Grade 12 examinations are optional. A student can enroll in a Grade 12 course that has an examination and elect not to take it. When a student elects not to write the examination, 100% of the student's final mark will come from classroom evaluation by the classroom teacher. However, some post-secondary institutions may require Grade 12 examinations as part of their admission requirements. Writing Grade 12 examinations also provides students with opportunities for provincial scholarships.

CORE COURSES (***) Provincially-Examinable courses)

ENGLISH 10 (4 credits) *** (MEN--10)

Students will experience various forms of literature to promote their critical thinking skills. The central aim of the Language Arts Curriculum is to enable each student to use language in four areas: communications, culture, thinking, and learning.

NOTE: Students are required to write the English 10 Provincial exam, worth 20% of the final mark.

SOCIAL STUDIES 10 (4 credits) (MSS--10)

Social Studies 10 explores the foundations of Canada as a nation, as well as our various economic relationships at home and abroad. Central to the course are the concepts of responsible government, confederation, and economic diversity.

SCIENCE 10 (4 credits) *** (MSC--10)

Science 10 is a general science program that builds on the skills and concepts learned in Science 8 and 9. Topics covered include geology, chemical formulas and equations; kinematic dynamics; and environmental studies and resource use.

NOTE: Students are required to write the Science 10 Provincial exam, worth 20% of the final mark.

PRINCIPLES OF MATH 10 (4 credits) *** (MMA--10)

Mathematics 10 is designed to prepare students for entry into Principles of Mathematics 11 and, eventually, Principles of Mathematics 12. This course provides the skills needed to pursue further formal studies in math-related areas. Students will be introduced to topics involving number operations, radicals, sequences & series, linear analysis, functions, trigonometry, measurement and algebra. The course provides the opportunity to develop skills in logical analysis and problem-solving strategies.

NOTE: Any student who may be entering such fields as Engineering, Aviation, or Science must take Principles of Mathematics 10.

NOTE: Students are required to write the Principles of Math 10 Provincial exam, worth 20% of the final mark.

APPLICATIONS OF MATH 10 (4 credits) *** (MAMA-10)

The topics covered in this course are similar to those covered in Principles of Mathematics 10. The main differences are in the delivery method and the style of solution required. This course takes greater advantage of technology to deal with procedures previously done "by hand." It is generally accepted that a majority of students will select this course. It should be noted, however, that any student who may be entering such fields as Engineering, Aviation, or Science must take Principles of Mathematics 10.

NOTE: Students are required to write the Applications of Math 10 Provincial exam, worth 20% of the final mark.

ESSENTIALS OF MATH 10 (4 credits) *** (MEMA-10)

This course is designed to provide opportunities for students to experience "real-life," consumer math situations. Topics covered include personal finance, taxation, payroll deductions, investments, spreadsheets and formulas, design and measurement. Students also may research career choices.

NOTE: The Essentials of Mathematics pathway does not meet entrance requirements for university nor for most college programs. If in doubt, consult the counsellor before choosing this course.

NOTE: Students are required to write the Essentials of Math 10 Provincial exam, worth 20% of the final mark.

PHYSICAL EDUCATION 10 (4 credits) (MPE--10)

The junior physical education program is based on a 'level' system, with students advancing through the levels at their own pace. Each year, the emphasis is on affective, cognitive, and psychomotor development through a variety of team sports, individual and dual activities, gymnastics, fitness, and outdoor pursuits. When finished with the program, the student should be able to demonstrate understanding, proficiency, and a positive attitude towards physical activities.

PLANNING ONE (2 credits) (MPLAN10)

This is Part One of the 4-credit Planning 10 required course. Part Two will be taken in the Grade 12 year. The Planning 10 curriculum is built around the following organizers:

Graduation Program requirements
Post-Secondary and Career options
Informed health choices
Financial Literacy

ELECTIVE COURSES

ART 10: GENERAL (2 credits) (MVAG-10)

Students will continue to explore a variety of methods of image making in this project-oriented course. Students will continue to study concepts of art history and major styles of artistic expression.

NOTE: This course meets the graduation requirements for Fine Arts.

CONCERT BAND 10 (4 credits) (MMCB-10)

This class is designed for students who have taken at least two years of band. Students will continue to develop musically on an individual and group basis, and will continue to study music theory and history. Over the course of the year, this band will be involved in many different performances and trips. Students will be exposed to a large range of music varying in style and difficulty.

NOTE: This course meets the graduation requirements for Fine Arts.

CONCERT CHOIR 10 (2 credits) (MMCC-10)

Students will continue to develop vocal skills and will learn and perform a broad range of vocal styles. There is no prerequisite for the course except enthusiasm to sing. Over the course of the year, the choir will be involved in many different performances and trips. Credit will also be available for one piano accompanist.

NOTE: This course may be offered outside the regular timetable during the whole school year.

NOTE: This course meets the graduation requirements for Fine Arts.

DANCE 10 (2 credits) (MDNG-10)

This is an introductory dance course, organized into three dance areas, namely, line dancing, social dancing, and modern dancing. Line dancing will encompass a variety of styles to help students prepare for the more difficult partner dances. Social dancing will be the largest instructional area, covering some of the following: jive, east coast swing, west coast swing, lindy-hop swing, two-step, merenge, rumba, samba, waltz, cha cha, tango, fox trot, polka, and mambo. Modern dancing will consist of hip-hop and free-style dancing. Students are also expected to do some choreography throughout the course.

NOTE: This course meets the graduation requirements for Fine Arts.

DRAFTING & DESIGN 10 (2 credits) (MTED-10)

Students will be introduced to drafting technique and industry standard design processes. In this course, students will use the design process to solve technological challenges that reflect society today. Through independent and group work, critical-thinking skills and a positive attitude in problem solving are key objectives.

NOTE: This course meets the graduation requirements for Applied Skills.

DRAMA 10 (2 credits) (MDRG-10)

During Drama 10, students will continue to learn about the theatre and about themselves. The course will include some scene work, the presentation of memorized scripts, video projects, and other drama skills.

NOTE: This course meets the graduation requirements for Fine Arts.

DRAWING & PAINTING 10 (2 credits) (MVAD-10)

This course will focus on building, drawing, and painting skills. Charcoal, pen and ink, acrylic, and water colour media will be explored.

NOTE: This course meets the graduation requirements for Fine Arts.

ELECTRONICS 10 (2 credits) (MTEE-10)

Understanding circuits, components, and electronic theory are key skills for entering the flourishing electronics industry. Projects such as the Power Supply or other basic circuits would be built and taken home. Electrical safety and printed circuit board construction and repair would be covered.

NOTE: This course meets the graduation requirements for Applied Skills.

FOODS 10 (2 credits) (MHEF-10)

In Foods 10 ... more marvelous meals! The main areas of focus are dinner menus and a baking unit. This course will emphasize meal planning and nutrition.

NOTE: This course meets the graduation requirements for Applied Skills.

FRENCH 10 (4 credits) (MFR--10)

French 10 is the intermediate level to French as a Second Language. The "Entre-Amis 2 and 3" textbooks, along with other resources, are used in this course and contain topics which are familiar and of high interest to the student's own experiences, such as movies, friendship, buying and selling, writing letters, house chores, environment, and fashion. This optional course is a full curriculum and will involve a high investment of time, energy and participation to achieve excellence.

NOTE: Direct entry to most BC universities from high school requires a second language at the Grade 11 level.

INFORMATION TECHNOLOGY 10 (2 credits) (MINT-10)

To peak proficiency with computer skills helps to ensure enjoyable and good-quality results with all high school assignments in any subject. From producing and sharing Power Point presentations, to learning efficient techniques to type documents, creating Spreadsheets, and Web page design, students are encouraged to integrate skills learned into other courses of study..

NOTE: This course meets the graduation requirements for Applied Skills.

JAZZ BAND 10 (2 credits) (MMJB-10)

This course provides further opportunities for highly motivated students interested in studying and performing jazz, blues, and rock music. Although there are no prerequisites, some previous band experience is essential, and students are strongly encouraged to take concert band. Over the course of the year, this band will be involved in many different performances and trips, including a festival performance tour.

NOTE: This course will be offered outside the regular timetable during the whole school year.

NOTE: This course meets the graduation requirements for Fine Arts.

MECHANICS 10 (2 credits) (MTEC-10)

A natural continuation of the mechanics field would have students study mid sized engines like motorbikes, snowmobiles, lawn tractors, and even a basic introduction to Automotive Mechanics. Serious students can bring their own projects with opportunities for great exposure to real mechanical maintenance and repair.

NOTE: This course meets the graduation requirements for Applied Skills.

METALWORK 10 (2 credits) (MTEM-10)

Metalwork 10 gives students the exciting opportunity to continue their skill development with projects such as the soft-faced hammer, iron furniture, and even personal major projects such as custom bike and go-kart building. Essential skills for the trades can well prove to be invaluable with future career choices.

NOTE: This course meets the graduation requirements for Applied Skills.

OUTDOOR SAFETY AND REC 10 (4 credits) (YOSR-10)

Upon successful completion of this course, students will receive government certificates for CORE (hunter training), FAC non-restricted firearms, FAC restricted firearms, and CPS boating safety. The course will cover outdoor ethics, survival, first aid, animal and bird identification, extensive firearms safety, boating safety, and federal and provincial regulations for hunting, fishing, firearms and boating. Other areas of study will include knots and lashing, orienteering, entomology, fly fishing, fly tying, knots, and possibly rod building, reloading and rappelling.

TEXTILES 10 (2 credits) (MHET-10)

Students will further develop their sewing skills in this clothing and textiles course. Garment construction must include a set-in sleeve (any style), and a filled waist pants or skirts with a zipper.

NOTE: This course meets the graduation requirements for Applied Skills.

WOODWORK 10 (2 credits) (MTEW-10)

Woodwork 10 gives students the exciting opportunity to continue their skill development with project possibilities such as tables and furniture. Continued safety consciousness, designing, problem solving and woodwork techniques will be studied in this hands-on course. These techniques can serve as a foundation for a trade.

NOTE: This course meets the graduation requirements for Applied Skills.