



Nantyr Shores Secondary School

RESEARCH & DESIGN

Application Form

Research & Design, Grade 11, University Preparation
Credit value: 4 Credits: SPH3U, MCR3U, TDJ3M, IDP4U

This full-day interdisciplinary program teaches students the principles of research, design, prototyping, and analysis through the topics of projectile motion, structural support systems, alternative power generation, and acoustic systems. Students will be taught the concepts of grade 11 Physics, grade 11 Math, and grade 11 Tech Design and apply them in a variety of individual and team projects that tackle both real-world and simulated problems.

Students will also learn and apply the principles of research, project management, and communication to earn a grade 12 Interdisciplinary Studies credit that can be used for their university application.

Students interested in fields such as architecture, bio mechanics, engineering, aerospace, aviation, acoustics, robotics, structure, or have a general interest in how and why things work are encouraged to consider applying for this program.

The number of students who can be enrolled in this course is limited. For this reason, past experience, skills, and school involvement will be used in determining which students will be selected. Please fill in **both sides** of this application form **as completely as possible** and return it to the Nantyr Shores Guidance Department as soon as possible.

STUDENT INFORMATION			
Student Name:		Current Grade:	
Student Number:		Date of Birth:	
Current School:			
PREREQUISITE COURSE INFORMATION			
Grade 10 Academic Math (MPM2D) Passed:	Y / N	Teacher:	
Grade 10 Academic Science (SNC2D) Passed:	Y / N	Teacher:	
REFERENCE INFORMATION			
Please include the names of two recent teachers who would be references for you			
Teacher Name:		School:	
Teacher Name:		School:	

ADDITIONAL INFORMATION

Why would you like to take this course?

What personal skills, talents, and experiences will you bring to this course?

Are there any potential reasons that would limit your full participation in this course?

What extra-curricular activities have you been involved in at your school?
(clubs, teams, bands, etc.)

Please return this form to the Nantyr Shores Guidance Department as soon as possible.