

Cedars Christian High School Course Catalogue 2011

High School Course Catalogue



701 North Nechako Road
Prince George, BC
V2K 1A2

Cedars Christian High School Course Catalogue 2011

This Course Catalogue

Whether you are a student who has been here for a decade, or a new student who is entering our student body this year, we believe Cedars Christian School is a great place for you to spend your high school years. We hope you agree that our vision for Christian education is a great one. We are happy to provide opportunities for you to grow in your knowledge of Jesus Christ as you study about the world around you.

Our Vision for Christian Education

All instruction, recognized by the BC Ministry of Education, is taught by BC Certified teachers and supported by an active parent society, to incorporate a Christian perspective in every aspect of daily education. Both staff and parents unite to help the child to:

- Develop their unique potential
- Internalize spiritual values
- Live a life of service, fellowship, stewardship, discipleship and obedience to God.

Our History

Cedars Christian School has a rich history of faithful and visionary people leading our school to become what it is today. September 1977 marked the beginning of grades 1 to 7 at Cedars Christian School with 75 students. This was made possible only after years of struggle and prayer by a few persistent and dedicated people. By 1982 the school had expanded to grade 9 and had begun a kindergarten class. A major building program was undertaken in 1983 in which a new gymnasium and several new classes were added.

In 1990 a second addition of two large classrooms, a library, washroom facilities and a new office was constructed. In 1996, a 3rd addition was built for housing a new high school and expanding into grade 11 and grade 12. In 2006 we added 5 new classrooms in the form of cabins which overlook our playground. Today, we have \$2.9 million ready for a new building project which will include a gym, and several specialty classrooms. Over the years many exciting and new programs have been established at Cedars such as Educational Support Services, Music, Video and technology, Home Economics and international student exchange programs. French is taught in both elementary and secondary classes and a Christ centered Family Life program has been developed for each level in our school.

What We Believe

The basis for the instruction offered at Cedars Christian School is the Word of God. We believe that the Bible, the written Word of God, is the power that directs our lives and is the infallible authority that is to govern all our activities including the education of our children.

Through the Scriptures we know that God created all things by His Word and that He continues faithfully to uphold and sustain all of created reality. We believe that man through sin and disobedience became estranged from God and thus became blind to the true meaning of life

Cedars Christian High School Course Catalogue 2011

and reality. Jesus Christ, the Word of God Incarnate, reconciles the world to God and redeems our lives in their entirety. The purpose of Christian education is to guide and direct the children in such a way that they commit their hearts and lives to Christ, come to an integral and meaningful knowledge of the wonderful creation God has given us, and are prepared in all life's aspects to serve God and their neighbours. We believe that God has primarily given parents a responsibility to nurture and educate their children. Cedar's primary purpose is to assist parents to fulfill this educational task. Cedars Christian School presently offers programs from preschool to grade 12.

Cedars follows the BC Ministry of Education core curriculum which is taught from an interdenominational Biblical perspective. Students who attend Cedars throughout their school years are well equipped with the knowledge, skills, and insights necessary for responsible citizenship in BC. More importantly, they are particularly well equipped for responsible citizenship in the Kingdom of Christ within a secular society.

High expectations characterize all facets of Cedars' educational program. This does not mean that only bright students succeed. Rather, it means that at Cedars we expect all students to work hard at developing the particular gifts and abilities God has given them.

The Graduation Program

Graduation Transitions:

Students must complete the following aspects of their graduation transition to receive these four credits which are required for graduation.

1. Personal Health
 - a. 80 hours of documented physical activity beyond PE 10
 - b. Develop a Healthy Living Plan (nutrition, exercise etc)
2. Community Connections
 - a. 30 hours of work experience
 - b. Describe duties and activities and describe how your work impacted your community and yourself (essay)
3. Transition Planning
 - a. Develop a plan for life after high school
 - b. Present your plan to the school/community members

Cedars Christian High School Course Catalogue 2011

Graduation Program at CCS

Required Courses	Credits
CP / Planning 10	4
CP 11	4
CP 12	4
English 10*	4
English 11 or Comm 11	4
English 12 or Comm 12*	4
Social Studies 10	4
Social Studies 11*	4
Science 10*	4
Biology 11 or Physics 11 or Chemistry 11 or Science and Tech 11 or Sustainable Resources 11	4
Math 10 (A/W or Pre-Calculus)*	4
Math 11 (A/W or Pre-Calculus) or 12	4
PE 10	4
Fine Arts/Applied Skills Course	4
Graduation Transitions	4
Total Credits:	60
Elective Credits for Gr 10 -12	28
Overall Required Credits:	88

Cedars Christian High School Course Catalogue 2011

Grades 10 - 12

English 10

Prerequisite: English 9

As with previous years, English 10 will build on and extend students' skills. Students will continue to grow as wise stewards of words and of the English language through discussion, review of grammar appropriate for the Grade 10 level, writing, and the study of novels, short stories and poetry. One major theme running throughout English 10 is the impact that culture and language have on one another. Prejudice, biases, hero worship, low self-esteem, and pride along with encouragement, respect, and praise and worship of God spring out of language and thus shapes a whole culture. Through the study of various texts, students will explore the nuances of culture and language thus further equipping them for God's kingdom on earth.

Math 10 - Foundations / Pre-Calculus

Prerequisite: Math 9

This is a general math course dealing with a number of different mathematical concepts and develops a number of basic math skills. The major to be covered in this course are:
Strand Content Plan
Measurement
Chapter 1 Measurement
Chapter 2 Trigonometry
Chapter 3 Factors and Products
Chapter 4 Roots and Powers
Chapter 5 Relations and Functions
Chapter 6 Linear Functions
Chapter 7 Systems of Linear Equations
Cumulative Review Chapters 1 - 7
The complexity of these topics varies, but many will be challenging to you.

Mathematics is a language - a language that helps you both understand creation, and prepares you to contribute effectively in our society. Sometimes, what you learn can be applied directly to your daily life, or to your future job. At other times, the concepts you learn help you develop ways of thinking about problems. And, at other times, concepts you learn in math are needed so that you can take other courses to pursue your educational and career goals. Math is an integral part of God's creation. The order and patterns of the creation can be witnessed everywhere we

look. The reasoning skills developed through the study of mathematics are necessary for citizens to function properly in society. It also allows us limited insight into the mind of God in areas such as logic, wisdom, coherence, consistency, beauty, dependability, etc. Mathematics is also a foundational component of truth as studied in biology, physics, accounting and chemistry. It also allows the student to grow in faithful stewardship in any one of a multitude of occupations as well as the logical and analytical experiences of everyday life. Math 10 prepares students for their future.

Apprenticeship & Workplace Math 10

Prerequisite: Math 9 or Adapted Math 9

Apprenticeship & Workplace Math is designed for students who intend to pursue an apprenticeship or to enter the workforce after graduation. Content includes measurement (metric and imperial), finances (mark up, discounts, taxes, income taxes etc.), and some trigonometry and geometry.

Physical Education 10

Pre-requisite: Physical Education 9

Through participation in Physical Education, students will develop knowledge, skills and attitudes necessary to incorporate physical activity into regular routines to live an active, healthy lifestyle. Genesis 1:28 states: that we are made in the image of God. 1 Corinthians 3: 16-17 states: believers are to view their bodies as temples of the Holy Spirit and to care for them. Throughout this course, these points will be stressed to the students. As they learn new skills, practice drills and play games, the students will be encouraged to find physical activities that they enjoy and can do as a regular part of their lifestyle. As Christians we are called to live balanced lives. Regular physical activity should be part of this balance.

Planning 10/ Christian Perspectives

Pre-requisite: Christian Perspectives 9

CAPP 10 is a course designed to develop students' abilities to plan and make wise decisions for now and the future. The focus is on making healthy choices,

Cedars Christian High School Course Catalogue 2011

developing successful personal management skills and exploring strengths, weaknesses and priorities for educational, personal and career oriented goals. The focus in this class will be to help the students discover for themselves those God-given skills and abilities that will stand them in good stead throughout the rest of their high school career and that may follow into the rest of their lives as young adults. These skills will help them make decisions that will lead to personal success and health. Our Christian Perspective units focus on edifying the spiritual values of the student in order to fulfill the goal of developing well-rounded Kingdom Citizens.

Jesus is the cornerstone of the church and should also become the cornerstone in each student's life as they begin to make important life choices. As such, we will focus on what the Bible says about wise and practical living in various studies of the Bible throughout the semester. A consistent question that is asked in this course is: "What are you filling the God-shaped hole in your heart with?" Being able to recognize the idols of today's age and combat them with God's Truth is imperative for spiritual health.

Science 10

Pre-requisite: Science 9

In this course, students will gain an understanding of science that occurs in their world. Students will also realize that all scientific laws are part of God's creation. There are four units that are taught in Science 10. These units are biology, chemistry, geology and physics. In biology the "cell" is the main topic covered. In the chemistry unit students learn how to write chemical compounds, formulas, and equations. In geology, the earth's interior and earthquakes are examined. And in the physics unit the students learn about electricity and nuclear energy. There are numerous labs in this course. Students will learn proper lab techniques, how to prepare lab write-ups and draw good conclusions from those labs.

Social Studies 10

Prerequisite: Social Studies 9

The purpose of this course is to introduce students to Canadian History from 1815 to

the 20th Century. Students will examine a wide range of topics from the evolving structure of Canadian government, to the Rebellions of 1837-38, to the forming of Canada as a Nation. As Christian Canadians it is essential to examine and understand the history and diversity of our country. Students will be able to apply both their historical knowledge and Christian principles so that they may strength, build, and reform Canada's future governments, culture and heritage.

Art 10

Prerequisite: Art 9

Art 10 provides students with opportunities to explore art in at least four of the five areas of visual expression: ceramics, drawing and painting, graphics, sculpture and textiles. Art history is explored in conjunction with many of the art projects. Art 10 reviews and builds upon the skills and ideas developed in Art 8. As students learn and through the development of their talents, they are encouraged to recognize creation as the backdrop from which they do art, so that they might give praise to God and have a deepened awareness and responsibility for themselves and their place in their environment, community culture and world. As students work with colors, shapes, and tones and so on, they will be encouraged to bring praise to God in and the works they produce. Homework consists of one drawing per week. This is designed to work on drawing skills and to enhance creative thinking. Students' marks are based on effort and a willingness to experiment. Projects are self-evaluated based on a pre-determined set of criteria.

The teacher then collaborates on the evaluation.

Home Economics 10

Prerequisite: None

This is a one-semester course that builds on the skills learned in Home Ec. 8/9.

Students are challenged as they learn to sew more difficult garments from commercial patterns and operate a serger.

Garments they make include more fitted pants or a skirt, a simple dress and a knit garment. The Foods and Nutrition portion of the course includes meal planning, more complicated baking and cooking, and a

Cedars Christian High School Course Catalogue 2011

greater focus on nutrition and healthy eating. Our bodies are a temple of God that needs to be cared for through healthy eating and clothing them modestly. Using the skills they learn and develop for service to others is also emphasized. A separate course outline is handed out for each section of the course. Constructing a variety of garments is the main focus of this portion of the course. A variety of clothing related topics are also covered during this course. Examining what God's word says about how we should cloth our bodies, His temple, how we should use our resources, skills and talents are also covered.

French 10

Prerequisite: French 9

This is an exciting year for French studies because achieving critical fluency is one of the main goals of this course! In French 9 you already have experience in how you may learn through a hands-on, active-learning approach that uses gestures, plays and other activities. Hopefully, you feel you have already learned a great deal. You will continue to expand your vocabulary and there will be even more opportunities for you to develop your French language skills. By the end of this year, you will be expected to read, write, speak and understand French using the past, present and future tenses. God uses all areas of our lives and interests to guide in service and living for Him. Theoretical situations from the textbook are viewed not only for its language content, but also for more mature and personal response in view of Scripture.

Study Skills 10

Prerequisites: Recommendation by teachers
Building on the work of Study Skills 9, Study Skills 10 is designed to assist students in developing the skills necessary to succeed in English 10 and other high school courses. A positive attitude toward making progress is essential for students during this 4-credit course. Supported with prayer and encouragement, students are expected to work hard at increasing their reading comprehension skills, improving their study skills and habits, and developing their writing and editing skills. While taking this

course, many students find that their stress and frustration levels are diminished because they are assisted in more successfully completing some of the studying and homework expectations for their other courses. Once students realize that they are able to successfully complete their courses, their self-concepts and attitudes toward learning can improve, enabling them to be more ready and willing stewards of the talents with which God has entrusted them. During times of academic stress, students may be granted extra assistance and time working on course-related studying and/or assignment completion. Otherwise, students will follow an established curriculum that includes at least 45 minutes per class period of work on language and study skills, distinct from the content of their other courses.

Biology 11

Pre-requisite: Science 10

As the students take this course, they gain an understanding of biology that occurs in their world. Students will also realize that all of biology is part of God's creation. In Biology 11 the students study the 5 Kingdoms, Monera, Protista, Fungi, Plantae and Animalia, that categorizes all living things. A lot of time is spent looking at Kingdoms Plantae and Animalia. In addition, the interactions between all five of these Kingdoms are examined. Some more basic principles of biology are looked at, such as creation, cell components, meiosis, photosynthesis and cellular respiration. There are numerous labs in this course. Students will need to demonstrate good lab techniques and be able draw and express good conclusions from these labs.

Chemistry 11

Pre-requisite: Science 10

This course examines safety and equipment in chemistry, general lab skills, the International System of Units (metric system), measurement, significant figures, matter and its changes, classification and nomenclature, the mole concept, chemical reactions, stoichiometry, atomic theory, the periodic table, chemical bonding, solution chemistry, and an introduction to organic chemistry. It is the basis for

Cedars Christian High School Course Catalogue 2011

chemistry 12 and is required by many universities as a prerequisite to various programs and courses. Chemistry investigates characteristics of matter and reveals some of the patterns that exist among elements. The reasoning and deduction that is taught and used throughout the course develops valuable skills that can be used in the future. The study of chemistry shows a student how precise and intricate God's handiwork is. Students will gain an appreciation for what may seem to be the smallest details of God's creation.

Christian Perspectives 11

Pre-requisite: Grade 10 standing

This is a 4-credit course that includes career exploration as well as various Bible topics. Students are first encouraged to look at their personal strengths and interests, and then to look outward at the world of work. In all of this, students are encouraged to look upwards for God's direction. On the Bible side, we begin with an investigation into the trustworthiness of the Scriptures, and end with a section of early church history. In between, several old and New Testament books are studied.

English 11

Prerequisites: English 10

During English 11, students will endeavour to develop the skills and habits that will enable success in higher education, in the business world, and in lives devoted to Jesus Christ. From the start of the course, we will also begin preparing for the English 12 Provincial Exam, including practice writing and marking several versions of it, so students will know what to expect. The course requirements assume that students have mastered the basics of reading, writing, researching, and communicating orally before beginning the course. English 11 is designed to help you improve a wide range of communications: the study of literature, many forms of writing, oral presentation skills, thinking strategies, listening skills, and library research. Students will study *Lord of the Flies*, *Macbeth*, short fiction, poetry, and sections of the Bible. In preparation for His work in all aspects of our lives, the English 11 course will include activities that will be

done in various styles, including independent and group work, short and long work, and quickly-written and carefully-crafted and edited work.

Sustainable Resources 11:

Pre-requisite: Science 10

Students will gain an understanding of forests and resource management; including local plant species, ecology, forest health, forest use and industry.

Students will also realize that all natural resources are part of God's creation leading to discussions of stewardship.

Students will need to demonstrate safe techniques and positive attitudes, as numerous field trips (some involving forest professionals) will be taken.

Math 11 Pre-Calculus

Prerequisite: Foundations & Pre-Calculus Math 10

This course prepares students for calculus at the college and university level. It is also the math prerequisite for most first year university programs. This course focuses on equations and functions as well as sequences and series.

Apprenticeship & Workplace Math 11

Prerequisite: Foundations of Math 10 or A&W Math 10.

A&W Math 11 extends the concepts introduced in A&W Math 10. The measurement unit includes volumes and surface areas. Students are also introduced to the concept of budgeting.

Mechanics 11

Prerequisite: None

The students will learn the basic principles of the Internal Combustion Engine. They will become familiar with small four stroke motors. The students will learn how to disassemble and reassemble these motors, checking measurements and clearances to specifications. They will gain practical experience by repairing small two or four stroke motors. Time permitting; the students will gain an understanding of automotive ignition systems, charging systems, fuel injection, braking systems and basic tune-ups. As well, the students will learn good shop safety practices along with the knowledge of how to use a variety

Cedars Christian High School Course Catalogue 2011

of mechanics tools. The student will have the opportunity to see if God has gifted them in the area of small motors and basic automotive repair and knowledge. They will also see how God has allowed humans to discover these technologies and be able to use them to further His kingdom.

Physics 11

Pre-requisite: Science 10, Math 10

Physics is a study of God's physical creation at its most basic level. Physics is concerned with the fundamental laws that govern the behaviour of matter and energy. In this course the focus is on motion (velocity, acceleration, forces, and momentum), energy, and light.

Psychology 11/12

Ever wondered why people do what they do and why? Or, why *you* behave the way *you* do? For ages, people have wanted to uncover the mysteries of the mind. What is psychology? Psychology is the scientific study of human thought, emotion and behaviour. Psychologists attempt to determine causes for behaviour and try to find answers by exploring biological and environmental influences.

God has made us very intricate beings physically, but has also made us equally, if not more, complex mentally. A Psychology course at Cedars will examine how our brain develops as we grow up and how our experiences, education and background work together to help us process and respond to what happens around us. It will consider how our view of whether we are innately good or innately bad as humans can inform people's justification for behaviour. The course will also delve into when development of the brain is abnormal and the diagnosis, treatment and implications on society of mental disorders.

This course would be useful for those students interested in:

- Providing therapy (marital counselling, anger management, eating disorders)
- Psychological testing and assessment for students
- Community mental health
- Courts, the justice system, prisons

- Universities and colleges: Teaching; research
- Public and private school systems: Teaching; student counselling
- Hospitals and health care: Patient and family counselling; psychological testing and assessment
- Corporations: Developing and delivering training programs (leadership, motivation, interviewing and teamwork)
- Advertising and market research
- Sports: Motivational counselling for athletes and coaches; analyzing strengths and weaknesses of teams

Science and Technology 11

Prerequisite: Grade 10 standing

Science and technology 11 will provide students with the opportunities to develop an appreciation of the interactive nature of science, technology, and society. It will also provide students with the opportunities to gain knowledge of the technologies as applications of science. In addition, it will provide students with opportunities to develop the opportunities to respond critically to technological issues. This course is a strong hands-on course which will give a lot of opportunity for students to explore creative and critical thinking skills. There are lots of opportunities to incorporate the Christian perspective on a variety of issues concerning science, technology, and social issues from a Christian point of view. Here, we can strongly debate the issues concerning creationism and evolution.

Social Studies 11

Pre-requisite: Social Studies 10

The purpose of social studies 11 is to introduce students to Canadian Government, Geography and Canadian history beginning at the 20th Century. Students will examine a wide range of topics from the evolving structure of Canadian government, legal and electoral systems, to the role Canadians played in the First and Second World Wars. Students will examine and discuss topics in relation to Government and Politics in Canada to the Geographical features of our Country. Students will gain an understanding of what their role is as a Christian in the world and develop a Christian response to the many

Cedars Christian High School Course Catalogue 2011

social, economical, and political issues in world.

Art 11

Prerequisite: Art 10

In Art 11, concepts that we will work with are - composition, positive/negative space, abstraction, realism, distortion, art appreciation and so on. Media area will be - pencil, conte, charcoal, ink, colored pencil, soft and oil pastel, acrylic, water color, collage, mixed media. Work will be both two and three dimensional.

Assignments are designed to work on drawing skills and to enhance creative thinking. Students' marks are based on effort and a willingness to experiment.

Projects are self-evaluated, based on a pre-determined set of criteria. The teacher then collaborates on the evaluation.

Classroom Assistant 11

Prerequisites: Recommendation by teachers

During this course, selected students in grade 11 or 12 are given a wonderful opportunity to work alongside classroom teachers in the elementary section of our school. Students taking this course are able to develop leadership skills and explore the career of teaching from a Christian perspective--through what they themselves do, what they see and hear the experienced Christian teachers do, and in reading and writing responses to sections of the book, *The Craft of Christian Teaching*, or a text of their choosing (with approval). Classroom duties are assigned according to the needs of the classroom teacher and the gifting and demonstrated maturity of the student. Some classroom activities include setting up displays and bulletin boards, selecting books for reading to the class, devising and asking reflective questions about the books, helping with various projects, correcting and commenting on student work, working with students who require remediation, helping supervise students in hallways, helping students complete assignments, and following the teacher's lead in other ways to provide service. Students complete journal entries each day, as well as essays and other assignments that are assigned periodically throughout the course. This course may be

taken for two credits (minimum 60 hours) or four credits (minimum 120 hours). No midterm, no exam.

Clothing and Textiles 11

Pre-requisites: none

This is a one-semester course that encourages the students to sew more complicated garments. Constructing a long sleeved blouse or shirt, a garment of their choice and a garment using a difficult fabric are projects the students complete in this course. Elements and principles of design are learned and applied when students choose clothing. Being a good steward of the resources, skills and abilities God has given us for service to Him are emphasized. Students get credit for both Fines Arts and Practical Skills by taking this course.

Computer Studies 11

Prerequisites: None

Information Technology is the science of managing and reshaping data into a variety of formats for storage, further manipulation, and/or presentation. The ever-expanding knowledge base of our rapidly changing civilization requires students to develop an awareness of the basic electronic tools in use today to process information. It is necessary that we as Christians become computer and information literate so that we can contribute constructively and christianly in this field. One unit in the course will consider God's perspective of technology.

Mankind has been endowed with the ability and the curiosity to pursue technology. But this pursuit of technology invariable has both positive and negative consequences.

An appreciation of the Biblical perspective can help us make better value judgments in our pursuit and use of technology. The course will cover units in digital communications, personal management tools, word processing, database, spreadsheets, presentations (PowerPoint), and internet research.

Enrichment Writing 11

Prerequisites: Completion of English 11 or recommendation by teachers

Enrichment Writing 12 is a wonderful opportunity for students to develop their

Cedars Christian High School Course Catalogue 2011

creative and analytical writing skills! During this two credit extra-curricular course, students complete two writings in each of seven different writing styles. Students will receive detailed teacher feedback on their first example of each writing style before beginning work on their second example of that style. If necessary, this course may be started in one semester and completed in the next semester. Taking the time to hone analytical writing skills now will greatly benefit students as they prepare for future educational endeavours. Creative writing is also a relaxing endeavour that allows students to delve deeper into their imagination and enrich their God-given capability to think and write expressively!

Food Studies 11

Pre-requisite: none

This course explores food and food preparation from an artistic perspective.

Elements and principles of design are learned and applied to the preparation and presentation of a wide variety of foods.

The students compile a pictorial portfolio of all the creations they make during the semester. Service and being good stewards of the gifts, abilities, skills and resources God has given us are an integral part of the course as well. Students get credit for both Fine Arts and Practical Skills by taking this course.

French 11

Prerequisite: French 10

French 11 uses the “Jeunesse en action” program by AIM. This series covers the FSL curriculum in an effective, fun and holistic way! Students work with important grammatical structures, including in direct and indirect object pronouns, adjectival agreement, irregular adjectives, the imparfait, etc. Each of the plays we study lends itself to acknowledging God as our Creator, keeping a fit body, having and maintaining friendships and relationships using Christian principles and behaviours. Opportunity for oral expression in small groups and presentations is encouraged.

Outdoor Education 11

Prerequisite: Approval of Outdoor Ed teacher and must have access to good winter clothing and camping equipment.

Through participation in Outdoor Education students will develop knowledge, skills and attitudes necessary to incorporate physical activity and the outdoors into their lives.

Through the leadership aspect of the course students will develop high self-confidence and become active participants at Cedars and the world. Students will learn new skills, and encounter new experiences, they will be encouraged to find physical activities that they enjoy and can do as a regular part of their lifestyle.

Students will have the opportunity to challenge themselves in a variety of ways such as: winter camping trip, winter shelter & snowshoeing trip, spring camping & hiking trip, white water rafting trip, and Bowron Lakes canoeing trip. As Christians we are called to live balanced lives.

Regular physical activity is a part of this balance.

PE Leadership 11/12

Prerequisite: PE 10 and recommendation by teacher

Through participation in PE 11 and 12 students will develop skills in leadership, teaching and evaluation by working with a teacher of a Junior High P.E. class.

Students will also increase their knowledge of various sports by being introduced to advanced concepts, rules and officiating.

The PE Leadership student will be, most of the time, in a position of leadership over the Jr. students. As part of the leadership program, the students will need to show patience, kindness and understanding (Galatians 5: 22-23). The best leader is the one who best serves others (Matthew 20: 25-28). Finally, the Jr. Students will see the leadership student as a role model.

Therefore, leadership students need to set high standards of personal conduct and become positive role models for other students (1 Timothy 4: 12).

Information Technology 11

It is the science of managing and reshaping data into a variety of formats for storage, further manipulation, and/or presentation.

The ever-expanding knowledge base of our rapidly changing civilization requires students to develop an awareness of the basic electronic tools in use today to process information. It is necessary that we

Cedars Christian High School Course Catalogue 2011

as Christians become computer and information literate so that we can contribute constructively and christianly in this field. One unit in the course will consider God's perspective of technology.

Mankind has been endowed with the ability and the curiosity to pursue technology. But this pursuit of technology invariable has both positive and negative consequences.

An appreciation of the Biblical perspective can help us make better value judgments in our pursuit and use of technology. The course will cover units in digital communications, personal management tools, word processing, database, spreadsheets, presentations (PowerPoint), and internet research.

Photo Journalism 11

Prerequisite: Video Editing 8/9

This class exists for a specific purpose and a specific task; we produce a hard cover, color, digitally produced Yearbook. The task is daunting. It requires the best from each member of the team. Accuracy, detail, consistency, problem solving, creativity, patience, writing skills, photography skills, computer skills and teamwork are all necessary for us to be successful in this endeavour. Our goal is to represent our school. To express to the community the ways in which we are living out the vision statement. How does Cedars Christian School do what they say they are going to do? Where do you see the evidence that this school lives out the vision? Our task is to show people in a fun, creative, positive, exciting way!

Small Engine Repair 11

Prerequisite: None

In this course the students will learn the basic principles of the Internal Combustion Engine. They will become familiar with small four stroke motors. The students will learn how to disassemble and reassemble these motors, checking measurements and clearances to specifications. They will gain practical experience by repairing small two or four stroke motors. Also the students will have the option of gaining an understanding of automotive ignition systems, charging systems, fuel injection, braking systems and basic tune-ups. As well, the students will learn good shop

safety practices along with the knowledge of how to use a variety of mechanics tools. The student will have the opportunity to see if God has gifted them in the area of small motors and basic automotive repair and knowledge. They will also see how God has allowed humans to discover these technologies and be able to use them to further His kingdom.

Study Skills 11

Prerequisite: Recommendation by teachers
Study Skills 11 is designed to assist students to develop the skills necessary to succeed in English and other senior high courses. A positive attitude toward making progress is essential for students during this 4-credit course, in which students must work hard to increase their reading comprehension skills, improve their study skills and habits, and develop their writing and editing skills. While taking this course, many students find that their stress and frustration levels are diminished, as they are able to successfully complete more of the studying and homework expectations for their other courses. As students realize that they are able to function well academically, their self-concepts and attitudes toward learning can improve, enabling them to be more ready and willing stewards of the talents with which God has entrusted them.

Technology 11

Prerequisite: Recommendation by teacher
This course is designed to offer selected grade 11 students the opportunity to develop knowledge, skills, and attitudes in applied contexts on a daily basis. The students will further their knowledge of computers and electronics in a variety of ways. They will set up sound boards, and equipment for school chapels, apply ethical values to personal work, identify potential hazards in the electronics environment, demonstrate the safe use of tools and equipment, identify and apply employability skills related to an electronics work environment, and understand the function of common electronic devices. They will address the challenges related to computers, video production; video presentations set up, and apply the fundamentals of technological literacy.

Cedars Christian High School Course Catalogue 2011

Woodworking 11

Prerequisite: Woodworking 8/9

This course will give students a good introduction to the basic woodworking tools. How to use the tools, the various parts and accessories, and the basic adjustments for each specific tool will be covered. Of primary importance will be safety in a shop setting as well in specific tool use. The student would become reasonably familiar with the basic woodworking processes: reading plans, measuring, layout, shaping, gluing, laminating, jointing, sanding and finishing. One unit will focus on drafting. The basic projections will be covered, such as isometric, oblique, and orthographic drawings. This unit will culminate in the student choosing a project, designing and drafting it, and then manufacturing it. Another unit will consider the Biblical perspective of technology. Mankind has been created with a curiosity to explore and a passion to build. All too often this happens without any reference to God and His perspective. The result is that so much of technology has both negative as well as positive consequences. An understanding of God's perspective will help students make better value judgments as they participate in our technologically rich world.

Worship Arts 11

Prerequisite: Teacher recommendation and parental approval

This class will give students opportunities to hear and learn how to be a part of a music team. This course will teach students how to create an effective worship service for their peers (Chapel), understand aspects of sound and balance/blend, write songs that are biblically based, and fully understand the different aspects of music and worship. Morning classes (7am) two days per week will allow different grades to participate in this course without conflicts in their schedule.

Library Assistant 11/12

Prerequisite: Recommendation by teacher
During this course, selected students in grade 11 or 12 are given a wonderful opportunity to work alongside the librarian.

Students taking this course are able to develop various skills in the library. Duties are assigned according to the discretion of the librarian, and the gifts and demonstrated maturity of the student. Some learned skills include setting up displays and bulletin boards, reading books to the class, locating books for students and teachers, helping students to select age appropriate reading, returning books on the correct shelving, keeping the library tidy, keeping track of overdue books, stamping library due-date cards, ensuring noise-level in the library under control, prompting children to return late books, supervising children to correctly check books in and out of the library, notifying the librarian of damaged books, using the computer to check out books or to put books on hold, commenting on student work, processing new books and other library materials, dusting shelves, reading shelves, and following the librarian's lead in other ways to provide service.

Biology 12

Pre-requisite: Biology 11

(Gifted students can succeed in Biology 12 without Biology 11 but it is difficult)

This course examines cell biology (structure, compounds, molecules, and DNA), cell processes and applications (protein synthesis, cancer, transport, and enzymes), and human systems (digestive system, circulatory system, respiratory system, nervous system, urinary system, and reproductive system). Biology 12 is required by many post-secondary institutions as a prerequisite for various courses. The study of biology promotes an appreciation of God's perfect design that is evident in nature and emphasizes the miracle of life. Students can truly see how we were designed with the utmost care and detail. Biology 12 provides an important base knowledge on how the human body works and this in turn promotes the maintenance of a healthy lifestyle.

Chemistry 12

Pre-requisite: Chemistry 11

This course examines safety and equipment in chemistry, reaction kinetics, equilibrium, solubility equilibrium, acids, bases, salts, and oxidation-reduction

Cedars Christian High School Course Catalogue 2011

reactions. Chemistry 12 is a course required by many universities as a prerequisite to various programs.

Chemistry investigates characteristics of matter and reveals some of the patterns that exist among elements. Students will learn reasoning and deduction skills as well as general laboratory methodology. The study of chemistry shows a student how precise and intricate God's handiwork is.

Students will gain an appreciation for what may seem to be the smallest details of God's creation.

Christian Perspectives 12

Pre-requisite: Grade 11 standing

As in grade 11, this course has career guidance and a Bible component. The primary focus of the guidance component is related to what students will be doing after graduation. This includes comparing college options, looking at entrance requirements, and checking for scholarship opportunities. Job related topics such as safety and labour market information are included. The Bible component touches on ethics and apologetics, as well as the study of several old and New Testament books

Comparative Civilizations 12

Pre-requisite: Social Studies 10

Comparative Civilizations 12 focuses on the study of the interrelationships among art, culture, and civilization. This course will provide students with a wide range of experiences and skills that facilitate their understanding of, and sensitivity to, a variety of cultures. It will foster students' awareness of various civilizations throughout the world and their contributions to the sum of human experience. Students will develop an appreciation for diversity within and among cultures, including their own. Psalm 22: 27, 28 states: "All the ends of the earth will remember and turn to the Lord, and all the families of the nations will bow down before him, for dominion belongs to the Lord and he rules over the nations."

Students have the opportunity to develop an understanding of what their role is as a Christian in the world. Students are encouraged to appreciate the diversity of world views and cultures and to examine what their role is as Christian.

English 12

Prerequisites: English 11

English 12 is designed to assist students' final preparations for success in university, business, and life in general. One of the biggest challenges of English 12 is preparing to do as well as possible on the English 12 Provincial Exam, which counts for 40% of the student's mark. Therefore, students will continue to practice writing and marking versions of the exam. Expectations will be high in order to smooth the students' transition to higher education. Specifically, for all written work students must ensure proper referencing, excellent proofreading, well-developed argumentation, adherence to MLA formats, and creative development of ideas. The larger literary works studied in English 12 include *Hamlet* and *The Great Gatsby*. There will be short story and poetry units and students will complete a unit regarding contemporary business communications. All works will be considered in light of God's truth.

Entrepreneurship 12

Students will learn analytical, research, and decision-making processes to assist them in determining the viability of business ventures. Students will also implement and evaluate a miniventure or major venture and gain an understanding of how businesses are established, maintained, and expanded. Through the process of initiating, planning, and implementing an entrepreneurial venture, students will learn to value the contributions of all team members in its success or failure. They will learn personal management, teamwork, and communication skills while also building self-esteem. As well, they learn to identify, use, and evaluate the role of personal networks. In teams, students will learn to write business plans that describe what is to be done, why it is being done, when it will be done, who will do it, and how it will be done. Finally, they will learn to consider elements such as operating strategies; organizational structures; administrative policies; operational processes; information management systems; and legal, ethical, and regulatory considerations.

Cedars Christian High School Course Catalogue 2011

Geography 12

Prerequisites: English 11

This course focuses on the interrelationship between people, places, and resources.

The four major spheres of our planet, the atmosphere, the lithosphere, hydrosphere, and biosphere will be examined. The systems that impact human life on earth will be studied: climate and weather, tectonic processes, gradation, and ecosystems. This course will help the student understand the interconnections between his/her personal actions and the environment and how humankind as a whole is influencing planet earth and how the elements and systems of planet earth impact humankind. Christian perspectives will be integrated with the various themes. These will help students develop a Biblical perspective on stewardship and resource management. The human task of being earth-caretakers will be brought into clearer focus. The course will increase the student's understanding and appreciation of this most amazing planet that we call home. Awe and wonder at the beauty and design of planet earth should invoke worship of God the Creator.

History 12

Prerequisite: Socials 11

Historical understanding requires students to conduct historical inquiries, to think through cause - effect relationships, and to reach sound historical interpretations. It requires students to use historical evidence and fact to analyse and construct arguments, and to be aware of the subjective nature of historical narrative. The study of history trains students to recognize bias, weigh evidence, and evaluate arguments, thus preparing them to make informed, independent judgments. Comprehending history requires that students develop an understanding of historical perspective, the ability to describe the past on its own terms, and empathy for the past on its own terms, and empathy for the experiences and points of view of people of different backgrounds and with different roles in events. The study of the history of the 20th century opens to students events of particular relevance and immediacy.

Law 12

Prerequisites: English 11

Law is a fundamental part of our society - it governs the way we behave in our relationships with other people and provides greater order in our communities. In this course, students will not only become familiar with current laws, the procedures and controversies surrounding making new laws, but they will also be challenged to critically analyze the application of those laws in everyday life.

We will also examine the characteristics of God's law and His role in legal matters. As such, the content and exercises from this course are designed to help the students become responsible and well-informed citizens, ready to function as members in the greater society. Familiarity with Canadian law will also be a valuable asset in the student's spiritual life as they strive to shine as examples in the world - following the precepts of our Lord and those of the authorities He has put in place. A fundamental question of this course is: "What is True Justice?" We use various strategies to apply our knowledge of the law such as, guest speakers from law enforcement, crime scene investigation, court visits and a mock trial.

Literature 12

Prerequisites: English 11

Literature 12 is an exciting and challenging "survey" style examination of English literature from the earliest use of the English language to the present. It has a very specific curriculum designed by the Ministry of Education, which includes celebrated literary works, literary periods, literary devices, and historical contexts. In addition to standard literary analysis, each literary work we study will be analyzed concerning how well the "world view" embodied in the literature conforms to a Christian world view. To succeed in this course, students must be willing to take time to really learn what they read, to do a good job of completing their journals, to think through the implications of historical events and their impact on literature, and to write numerous essays exploring works we examine together. Additionally, students must study intensively for in-class

Cedars Christian High School Course Catalogue 2011

tests and the Provincial Literature 12 exam, which is worth 40% of the course's final mark. Units covered include literary terms, Anglo-Saxon and Medieval literature, Renaissance and 17th Century literature, *Hamlet*, literary essays, Victorian and 20th Century literature, and advanced literary analysis.

Math 12 Pre-Calculus

Pre-requisite: Pre-Calculus Math 11
This course extends the concepts from Pre-Calculus Math 11. Transformations, logarithms, and probability are also included.

Physics 12

Prerequisite: Physics 11
An understanding of Physics is useful for everything from Human Kinetics to Nuclear Research. Physics should also underscore for you the amazing consistency of the structure with which God created this universe. If nothing else, you should come away with a way of thinking that will help you solve problems in many other areas. The first term extends the study of motion in grade 11 Physics. Then we study equilibrium, electricity, and magnetism.

Writing 12

Prerequisites: English 11
Writing 12 is a great opportunity for students to develop their God-given creative and analytical writing skills! During this course, students will examine three major forms of writing: poetry, short fiction, and drama. Each unit will contain mini-lessons, literary terms, presentations, tests, and a collection of definitions, analysis, and creative writing. In the poetry unit, students will discover more about poetic terms, forms of poetry, ways to interpret and explicate poetry, and the joys of poetry writing! The short fiction unit covers elements of fiction, analysis of fiction, and creative writing in a variety of fiction genres. The drama unit examines the main elements of drama. Each unit will include presentation, essays, tests, and collections of analytical and creative writing, and the challenging take-home exam covers the entire course. Throughout Writing 12, students will explore ways that people can use writing to impress on their

readers the depth of every person's need for the salvation and redemption that is available only through Jesus Christ.

Art 12

Prerequisite: Art 11
As Christians we say that the whole world belongs to God - art too. In Art 12, not only will you be developing your skills and gifts, but you will be learning to lift people up, make people think and you will celebrate the creation and the Creator. With a good attitude, hard work and responsiveness, you will grow in your relationship with God and you will learn to give God the honour glory in all that you do. Concepts that we will work with are - composition, positive/negative space, abstraction, realism, distortion, art appreciation and so on. Media area will be - pencil, conte, charcoal, ink, colored pencil, soft and oil pastel, acrylic and water color, collage and mixed media. Work will be both two and three dimensional. Areas of focus will be portraiture and realistic drawing and painting. Research will explore artists and art movements. These studies will be directly related to the media and subject matter being studied in the practical expressions in Art 12. Assignments are designed to work on drawing skills and to enhance creative thinking. Students' marks are based on effort and a willingness to experiment. Projects are self-evaluated, based on a pre-determined set of criteria. The teacher then collaborates on the evaluation.

Communications 12

Prerequisite: English 11
This course is designed to aid students to become effective communicators in all areas. We will be looking at many aspects of the culture and analyzing how differing world views are represented. We will be looking at the arts, film and video, the news, monthly publications, television and selected readings. Students will then produce practical applications, and do directed lessons on specific communication skills. Students will produce multi media presentations, essays, workplace communications samples, image text designs, reasoned responses, and regular

Cedars Christian High School Course Catalogue 2011

journal responses.

French 12

Prerequisite: French 11

The senior level of French at Cedars is designed to gain a functional knowledge of and to experience it as a means of communicating by expressing themselves in speaking and writing and by comprehending listening and reading exercises. Christians have several reasons for the study of French. Ours is a bilingual country and the study of a second language gives us the opportunity to be enriched by what the Francophone Canadian has to offer. As believers, Jesus' mandate was to go into the entire world and teach and reach others for Christ. Many times, this will involve the learning of another language.

PE 12

Pre-requisite: PE 10

Fee: \$ 250.00

The physical education program at Cedars Christian High School is based on the Provincial Education Curriculum. Regular physical activity is recognized as an essential part of a healthy lifestyle. It is important that the school provides the student with a diverse program of physical activities that will enhance knowledge, skills, and a positive healthy attitude towards lifelong fitness. The grade 11/12 program consists of many different activities and lessons to provide access to opportunities inside and outside the school. Prescribed learning outcomes of the new curriculum are grouped under three major headings: Active Living, Movement, and Personal and Social Responsibility. Some of the activities include: scuba diving, tennis, golf, ultimate Frisbee, swimming, aerobics, squash, racquetball and other sports.

Photojournalism 11

This course is designed to recognize and develop the advanced skills of senior students who have excelled previously in Photojournalism 11. This course magnifies these students' abilities, stretches their creativity and places them in a leadership role. The Photojournalism 12 students assist and teach the grade 11 students concepts which they have mastered themselves. In the process they will refine

their computer skills, develop their interpersonal skills, and increase their design abilities. Students taking Photojournalism 12 are expected to take a leadership role with the other students, assisting the teacher to convey and reinforce the concepts students are taught in Photojournalism 11. The Photojournalism 11 course has been developed to support and encourage students to explore the richness and diversity within our student body and create a hard cover yearbook as a history book to record their findings. Students will explore their creative inspiration by learning to desktop publish, understanding graphic design, taking excellent photography, developing creative writing and integrating their learning onto spreads in a yearbook.

Teaching Assistant 12

Prerequisite: Recommendation by teachers
During this course, selected 12 students are given a wonderful opportunity to work alongside teachers in specified sections of our school. Students taking this course are able to develop advanced leadership skills and explore the career of teaching from a Christian perspective. Duties are assigned according to the needs of the younger students, the classroom teacher, and the gifting and demonstrated maturity of the student. Activities may include providing peer editing in the form of written feedback to less advanced students, working with students who require remediation, helping students to complete assignments, creating assignments according to the instructions of the teacher, and following the teacher's lead in other ways to provide service. Teaching Assistant 12 students are granted a greater degree of supervised independence in their work with students, compared to Classroom Assistant 11 students, whose work is more continually supervised by the classroom teachers.

Leadership 11/12

Students in this class will collaborate with administrators, students, young adults, and community leaders to identify needs and implement strategies to make a difference in the culture of our school and community.

Cedars Christian High School Course Catalogue 2011

Planning for culture-shaping chapels and cross-grade team-building events will be a significant part of this course. Research and participation in a short term mission in the Spring and/or local project will also be pursued. This class will run year-long, outside of the regular school day.

ICTX 11/12

Information and Communication

Technology 11 and 12 are survey courses that are created from four modules of technology study at the appropriate grade level. At Cedars we offer modules in Web Publishing, Desktop Digital Video, 2D Desktop Design and Publishing, and Gathering and Processing. These modules give students the opportunity to work on authentic digital projects that they can share with one another, the Cedars' community, and the world beyond our school walls. Technology is increasingly a way to communicate our faith with the world.