

## Grade 9 Course Options Descriptions

**Business Innovations 10S** serves as the essential introductory gateway to understanding how the economy works and how you fit into it. This foundational course moves beyond the textbook to give you a hands-on look at the fundamentals of entrepreneurship, teaching you how to spot emerging market trends, develop a brand, and pitch "big ideas" just like on *Dragon's Den*. Designed for those new to the field, you will gain a practical toolkit of life skills—from personal finance and economic decision-making to the professional communication and digital etiquette required in any modern workplace. Whether you are curious about starting your own business or simply want to understand the psychology behind everyday consumer choices, this course provides the perfect creative environment to begin your journey into the global economy.

**Creative Promotions 20S** is where business meets imagination, focusing on the visual and persuasive side of the modern marketplace. In this course, you will step into the role of a marketing professional to explore how businesses capture attention and build brand loyalty through creative storytelling and design. You will dive into the psychology of advertising, learning how to use colour, typography, and digital media to influence consumer behaviour while developing hands-on skills in creating promotional materials, social media campaigns, and retail displays. By balancing artistic flair with strategic planning, you'll discover how to communicate a message effectively across various platforms, making this the perfect course for students who want to blend their creative talents with practical business savvy.

**ICT 15F (Applying Information and Communication Technology I)** is a dynamic, hands-on course designed to turn you into a tech-savvy creator and digital citizen. Rather than just using apps, you will dive into how technology actually works, mastering the "big three" of productivity—word processing, spreadsheets, and presentations—while exploring the exciting worlds of digital media and basic web design. You'll learn how to navigate the internet safely and ethically, develop efficient keyboarding skills, and discover how to use digital tools to solve problems and express your creativity. Whether you're interested in building a personal brand or just want to sharpen the technical skills needed for high school and beyond, this course provides the essential foundation for success in a digital world.

## New Grade 10 Course Options Descriptions

**Business Innovations 10S** serves as the essential introductory gateway to understanding how the economy works and how you fit into it. This foundational course moves beyond the textbook to give you a hands-on look at the fundamentals of entrepreneurship, teaching you how to spot emerging market trends, develop a brand, and pitch "big ideas" just like on *Dragon's Den*. Designed for those new to the field, you will gain a practical toolkit of life skills—from personal finance and economic decision-making to the professional communication and digital etiquette required in any modern workplace. Whether you are curious about starting your own business or simply want to understand the psychology behind everyday consumer choices, this course provides the perfect creative environment to begin your journey into the global economy.

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**Computer Science 20S** is a hands-on introduction to the world of coding and logical problem-solving, designed for students who want to move from being consumers of technology to becoming its creators. You will dive into the fundamental "building blocks" of programming—such as variables, loops, and conditional logic—to build interactive programs, games, and tools. Beyond just writing lines of code, the course emphasizes computational thinking, teaching you how to break down complex problems into manageable steps and debug errors with a critical eye.

**Agriculture 30S** offers an in-depth exploration of the science, technology, and business driving one of Manitoba's most vital industries. This course moves beyond the farm gate to examine the complex systems involved in modern food production, from soil chemistry and plant physiology to animal science and sustainable land management. You will investigate how emerging technologies, such as precision GPS and biotechnology, are revolutionizing the field while discussing the critical balance between high-yield production and environmental stewardship. By analyzing global food trends and the local "farm-to-table" economy, you will gain a comprehensive understanding of the diverse career paths available in agriscience, providing you with a grounded perspective on how we feed a growing global population.

## New Grade 11 Course Options Descriptions

**Computer Science 20S** is a hands-on introduction to the world of coding and logical problem-solving, designed for students who want to move from being consumers of technology to becoming its creators. You will dive into the fundamental "building blocks" of programming—such as variables, loops, and conditional logic—to build interactive programs, games, and tools. Beyond just writing lines of code, the course emphasizes computational thinking, teaching you how to break down complex problems into manageable steps and debug errors with a critical eye.

**Computer Science 30S** takes your programming skills to the next level by shifting focus from basic scripts to the powerful world of Object-Oriented Programming (OOP). In this course, you will learn how to organize complex code by creating "objects" and "classes," allowing you to build more sophisticated applications, simulations, and games. You'll dive deeper into advanced data structures, such as arrays and lists, while refining your ability to write efficient, reusable code and master the art of troubleshooting through advanced debugging techniques. By tackling more intricate logic puzzles and collaborative projects, you will develop the structured mindset and technical foundation required for professional software development and post-secondary technical studies.

**Computer Science 40S** is the capstone course of the programming stream, designed to challenge you with the high-level concepts used by professional software engineers. Moving beyond basic syntax, you will explore advanced topics like recursion, dynamic data structures (such as linked lists, stacks, and queues), and Big O notation to analyze the efficiency of your algorithms. A major focus of the course is the development of a large-scale independent project, where you will manage the entire software development lifecycle—from initial design and architecture to final testing and optimization. By mastering these complex abstraction techniques and refined problem-solving strategies, you will exit the course with a rigorous technical foundation prepared for university-level engineering and the rapidly evolving tech industry.

**Agriculture 30S** offers an in-depth exploration of the science, technology, and business driving one of Manitoba's most vital industries. This course moves beyond the farm gate to examine the complex systems involved in modern food production, from soil chemistry and plant physiology to animal science and sustainable land management. You will investigate how emerging technologies, such as precision GPS and biotechnology, are revolutionizing the field while discussing the critical balance between high-yield production and environmental stewardship. By analyzing global food trends and the local "farm-to-table" economy, you will gain a comprehensive understanding of the diverse career paths available in agriscience, providing you with a grounded perspective on how we feed a growing global population.

**Canadian Law 40S** provides a comprehensive look at the legal systems that govern our society, moving from the classroom into the courtroom of public opinion and justice. You will explore the foundations of the Canadian legal system, including the Charter of Rights and Freedoms, and investigate how laws are created, interpreted, and applied to protect individual rights while maintaining social order. The course dives deep into high-interest areas such as criminal law, civil law, and family law, allowing you to analyze real-life cases, debate landmark legal precedents, and participate in mock trials to see the justice system in action. By examining the evolving nature of law in response to contemporary issues, you will develop the critical thinking and legal literacy skills necessary to navigate your rights and responsibilities as an active, informed citizen.

**History: Western Civilizations through Cinema 40S** offers a unique lens on the past by analyzing how film both reflects and reshapes our understanding of historical events. In this course, you will move beyond traditional textbooks to examine a variety of cinematic portrayals—from Hollywood blockbusters to documentaries—critiquing their accuracy, bias, and cultural impact. By pairing film screenings with primary source research, you will explore key eras in Western history, such as the World Wars, the Cold War, or the struggle for civil rights, while debating how "the big screen" influences public memory and national identity. You'll develop sharp critical-thinking skills as you learn to deconstruct visual media, identifying where artistic license ends and historical reality begins, making this an ideal course for students who love both history and the power of storytelling.

**World Religions 40S** offers a profound exploration of the diverse belief systems that shape our global landscape and influence human behaviour. By studying the core tenets, sacred texts, and cultural practices of major world religions alongside Indigenous worldviews, you will develop a greater sense of empathy and global literacy. Through open dialogue and critical research, you will analyze the role of religion in both historical events and current headlines, gaining the tools to navigate a multicultural world with respect, curiosity, and an informed perspective.

## New Grade 12 Course Options Descriptions

**Computer Science 30S** takes your programming skills to the next level by shifting focus from basic scripts to the powerful world of Object-Oriented Programming (OOP). In this course, you will learn how to organize complex code by creating "objects" and "classes," allowing you to build more sophisticated applications, simulations, and games. You'll dive deeper into advanced data structures, such as arrays and lists, while refining your ability to write efficient, reusable code and master the art of troubleshooting through advanced debugging techniques. By tackling more intricate logic puzzles and collaborative projects, you will develop the structured mindset and technical foundation required for professional software development and post-secondary technical studies.

**Computer Science 40S** is the capstone course of the programming stream, designed to challenge you with the high-level concepts used by professional software engineers. Moving beyond basic syntax, you will explore advanced topics like recursion, dynamic data structures (such as linked lists, stacks, and queues), and Big O notation to analyze the efficiency of your algorithms. A major focus of the course is the development of a large-scale independent project, where you will manage the entire software development lifecycle—from initial design and architecture to final testing and optimization. By mastering these complex abstraction techniques and refined problem-solving strategies, you will exit the course with a rigorous technical foundation prepared for university-level engineering and the rapidly evolving tech industry.

**Agriculture 30S** offers an in-depth exploration of the science, technology, and business driving one of Manitoba's most vital industries. This course moves beyond the farm gate to examine the complex systems involved in modern food production, from soil chemistry and plant physiology to animal science and sustainable land management. You will investigate how emerging technologies, such as precision GPS and biotechnology, are revolutionizing the field while discussing the critical balance between high-yield production and environmental stewardship. By analyzing global food trends and the local "farm-to-table" economy, you will gain a comprehensive understanding of the diverse career paths available in agriscience, providing you with a grounded perspective on how we feed a growing global population.

**Canadian Law 40S** provides a comprehensive look at the legal systems that govern our society, moving from the classroom into the courtroom of public opinion and justice. You will explore the foundations of the Canadian legal system, including the Charter of Rights and Freedoms, and investigate how laws are created, interpreted, and applied to protect individual rights while maintaining social order. The course dives deep into high-interest areas such as criminal law, civil law, and family law, allowing you to analyze real-life cases, debate landmark legal precedents, and participate in mock trials to see the justice system in action. By examining the evolving nature of law in response to contemporary issues, you will develop the critical thinking and legal literacy skills necessary to navigate your rights and responsibilities as an active, informed citizen.

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**ELA Literary Focus 40S** is a university-preparatory course designed for students who find joy in the deep analysis of complex texts and the power of the written word. Moving beyond simple comprehension, you will engage in a rigorous study of various literary forms—including novels, plays, poetry, and essays—to uncover how authors use sophisticated techniques to explore the human condition. Through the lens of different critical perspectives, you will deconstruct how historical context, social values, and philosophical questions shape a narrative. By participating in high-level seminars and producing polished academic writing, you will refine your ability to articulate nuanced arguments and develop a sharp, critical eye for the artistry and intentionality behind world-class literature.

**World Religions 40S** offers a profound exploration of the diverse belief systems that shape our global landscape and influence human behaviour. By studying the core tenets, sacred texts, and cultural practices of major world religions alongside Indigenous worldviews, you will develop a greater sense of empathy and global literacy. Through open dialogue and critical research, you will analyze the role of religion in both historical events and current headlines, gaining the tools to navigate a multicultural world with respect, curiosity, and an informed perspective.