YEAR 2 GSMS – KEY TOPICS FOR EACH MODULE

Note:
1. You can select modules offered by other schools and CILS (Centre for Innovation & Life Skills)
2. You will **NOT** be able to select modules offered from your school.
3. Information in the following list may be subject to changes.

No.	School / Module Code / Title	Module Description	Key Topics Covered
1	*School of Business Management* **BMX207** Productivity in Business	Did you know that Singaporeans clocked 2,371.2 hours working in 2016, the longest hours in the world, according to the statistics from the Ministry of Manpower? However, we had low levels of GDP (Gross Domestic Product) per hour worked, which is an indicator of the country's productivity. This module will equip you with the concept of productivity in both business and personal settings, and help you gain insights on to how you can contribute to productivity in work and life.	• Introduction to Productivity • Productivity Concept: Definition and its Measurement • Productivity Tools & Techniques • Personal Productivity
2	*School of Business Management* **BMX208** Becoming a Successful Manager	Becoming a first-time manager can be nerve-wracking and is probably one of the most challenging transitions one can make. In this module, you will learn about key management functions of planning, organising, leading and controlling. You will explore the different leadership approaches and uncover your preferred leadership style	• Introduction to Management • The Nature and Meaning of Management • The Foundations of Planning • Leadership & Motivation • Groups Dynamics & Conflict Management

No.	School / Module Code / Title	Module Description	Key Topics Covered
		while gaining a better understanding of what motivates people. Through case studies and various activities, you will also discover the different ways of resolving a conflict.	
3	*School of Business Management* **BMX209** Doing Business Globally	What makes Uber feared in some countries but valued in others? Starbucks will be opening its first store in Uruguay in early 2018, but why Uruguay? Where should Singapore shoe brand Charles & Keith venture into - Japan or Italy? Discover the business nuances in different countries and find out why Singapore is attractive to international brands. You will learn the basics of analysing a country (the way all businesses do) before entering an overseas market.	- Differences among countries - Singapore's country external factors - Political/ legal factors - Economic factors - Social-Cultural factors - Technological factors
4	*School of Business Management* **BMX210** Be Financially Intelligent!	Money does not buy happiness, but it can definitely make life more comfortable. Learn how to utilise basic money management techniques to take control of your money matters. Learn to recognise your spending habits and set financial goals as we guide you in creating a personal financial budget. Assess your investment risk profile and build up your knowledge in financial products to achieve your dream lifestyle. It is never too early to start managing your wealth!	Basic Money Management - Personal Money Management - Banking & Cash - Tracking Expenses - Credit & Loans Increasing Wealth - Stock Market Basics - Bonds - Unit Trusts - Investment scams & how to spot them

No.	School / Module Code / Title	Module Description	Key Topics Covered
5	*School of Business Management* **BMX211** The Entrepreneur in Me	Business ideas are everywhere and learning to seize the opportunity is the key to entrepreneurship. Thinking of pursuing an entrepreneurial dream? Want to learn how to pitch your ideas? Using a simple idea-mapping tool, students will learn to ideate and validate existing ideas – and recalibrate them into business realities. Students will also gain learning experiences from other entrepreneurs whom have "walked the road".	- Introduction to Entrepreneurship - Ideation & Validation - Lean Business Model Canvases - Market Survey & Study - Entrepreneur Sharing Session
6	*School of Business Management* **BMX212** Understanding Contracts and the Law	Without a proper understanding of the law, a business may find itself facing claims and lawsuits by third parties and incur various penalties. Through this module, you will learn how your business can protect its legal rights through the law of contracts, intellectual property and business organisations. You will also discover how the Singapore legal system works and what you can do in the event your business encounters a legal dispute with a customer or supplier.	- Introduction to the Singapore Legal System - Resolving Legal Disputes in Singapore - Contract Law - Introduction to Sale of Goods - Doing business through an agent - Employment Contracts - Introduction to Intellectual Property

No.	School / Module Code / Title	Module Description	Key Topics Covered
7	**School of Applied Science** **ASX201** Fun with Chemistry	An expensive piece of clothing has a stain on it and you're wondering how to get rid of it, or maybe even create your own cleaning agents. Or perhaps you are curious to know about the chemical molecules behind the various scents? This module will bring you on a fun and exciting journey to better understand how chemistry is present in our lives and how it can affect us daily.	• How chemistry is used to explain some daily occurrences • The chemistry involved in fragrances, food preparation, reaction and spoilage. • Discovery and development of medicinal drugs • Drug detection in a forensic setting
8	**School of Applied Science** **ASX205** Food Culture	Curious about how cultures & lifestyles influence our food choices? Eager to know more about the different kinds of food from the world over? Sign up for this module and be fascinated by an array of food found in Asian and Western cuisines and countries.	• Introduction to Food Culture • Food and Religion Influence • Asian Food Culture • Western Food Culture
9	**School of Applied Science** **ASX206** Wonders of Life	Have you ever wondered why you are unique? In this module, you will explore life at the microscopic level by studying the components in the cells, and how they interact with each other. You will learn to create another duplicate of yourself too! Join us now in exploring the wonders of life.	• Introduction to Nucleic Acids and DNA • Introduction to Recombinant DNA technology • Cloning • Genome based medicine • Genetically modified foods
10	**School of Applied Science** **ASX207** Unravel the Mystery of Big Pharma	Singapore's pharmaceutical manufacturing sector is one of the major contributors to our economy. Globally, the pharmaceutical industry is the most profitable industry. Peek into the world of pharmaceutical giants and unravel the mystery of their outstanding success.	• Introduction • Drug development • Drug manufacturing • Competition • Challenges and opportunities

No.	School / Module Code / Title	Module Description	Key Topics Covered
11	*School of Design & Media* **DXX208** Elements of Interior Design	When you browse through interior design magazines, are you fascinated by how the look of a room comes together? Are you interested in designing your personal space? If you are keen, then this course is for you! In this module, you will learn how to sketch, create your own layout plans, and use simple 3D illustrations to visualise your ideas. You will also learn how to choose the right colours, materials and finishes. Have a taste of what being an interior designer is like.	• Sketching & creating layout plans • 3D illustration to visualise ideas • Colours, materials, and finishes for interior design • Designing your personal space
12	*School of Design & Media* **DXX209** Architecture: Appreciating Desirable Homes	What do architects look for when designing houses? If you are interested in the practicalities of a desirable home, then this course is for you! Through this module, you will learn how homes have evolved over time across differing cultures. You will also learn how to read drawings, appreciate spatial qualities through architectural case studies and even give a go at designing your own place.	• History of Architecture & the impact of Culture • Spatial qualities & practicalities of a Desirable Home • Reading Building Drawings • Architectural design case studies
13	*School of Design & Media* **DXX210** Evolution of Games	The history of games is long and rich. Students of our current generation may not know that the video games they play have elements common with games played in ancient civilizations. Exposure to a variety of games, including traditional childhood games, will broaden your knowledge and appreciation of activities related to play.	• Introduction to Evolution of Game • Evolution of Ancient Games • Evolution of Analog Games • Evolution of Digital Games

No.	School / Module Code / Title	Module Description	Key Topics Covered
14	**School of Design & Media** **DXX211** Green Screen Visual Effects	Interested in finding out how green screens are used in creating seemingly impossible clips in movies? Come learn how magical images and videos are made!	• Introduction to Visual Effects – History • Nuke- Navigation and Interface • Green Screen Studio – Shoot images • Chroma Keying • Colour Correction
15	**School of Design & Media** **DXX212** Visual Arts Appreciation	What do you know about art? Have you ever encountered a painting or a sculpture that baffled you? This module helps you understand and appreciate artwork and its movements, forms and concepts. Find out why artists create masterpieces, how they did it, and unlock the hidden meanings behind their works.	• Introduction to Art Language • The Nature of Art • Ancient Art • Asian Art • Western Art

No.	School / Module Code / Title	Module Description	Key Topics Covered
16	**School of Engineering** **EGX210** Appreciating Wireless Technology	One of mankind's greatest inventions? Wireless technology. In the past few decades, wireless technologies have evolved tremendously to support and deliver high speed, rich content to our mobile devices and become part of our lifestyle. What else you can do with your mobile devices? What holds for wireless technology in the future?	• Overview of Wireless Technologies • Using IoT to improve productivity • Satellite communications • 5G Cellular technology & its impact on lifestyle • Wireless for Fintec
17	**School of Engineering** **EGX211** Improving Lives with Medical Technology	Over the last decades, there has been significant progress in medical research, disease treatment and the general improvement in patients' quality of life. Understand the amazing things going on worldwide in medicine and healthcare, from medical implants to 3D printed body parts that have significantly improved and extended life expectancy.	• History of medical technologies • Different types of medical technologies • Benefits of medical technologies • Design & development process of medical technologies • Innovation and future of medical technologies
18	**School of Engineering** **EGX212** Applying Science in Daily Life	Pretty much everything that happens in our daily lives is affected by science. This includes the effects of heat and cold, chemical reactions and the flow of air and water. Get a better understanding of how air-conditioning has given us comfortable lives in our home environments. In the outdoors, appreciate the importance of keeping the body cool and protected from sunburn. Understand how science affects the safety of the food that we eat, the transportation that we take and even the effects on our health from the air that we breathe.	• Heating and cooling • Corrosion effects • Fluid Mechanics

No.	School / Module Code / Title	Module Description	Key Topics Covered
19	**School of Engineering EGX213** Be a DIYer at Home	The Do-it-yourself (DIY) movement has many fans – not only is there a sense of empowerment and achievement, there is likely cost savings too. Join us in this hands-on class and you will gain the confidence to embark on home improvement projects with the latest innovations in home automation and networking.	• Introduction/Overview of DIY Electrical Home improvements • Fundamental Safety issues & Essential Electrical works Toolkit • Understanding the electrical wiring in the home • Common Electrical failures & Replacements
20	**School of Engineering EGX214** The Modern Wearables	Modern wearables are increasingly seen everywhere, from our eyewear to our smart watches and other gadgets that can be integrated into our clothes. Explore how wearable technology has developed and where it is going in the future.	• Types of modern wearables: smart watches, smart glasses, smart clothing. • Applications of smart wearables in healthcare, entertainment, fashion and security industries. • Enabling Technologies for wearables. • Human factors of wearable technologies.

Note: For all SEG modules mentioned above, no background knowledge of Physics is required.

No.	School / Module Code / Title	Module Description	Key Topics Covered
21	*School of Health & Social Sciences* **HSX207** Healthy and Resilient Families	An individual's emotional health is intertwined with the health of our relationships – especially the health of our relationships with our families. Learn to forge connections that will give us strength to manage the challenges in life. Discover the strategies to handle communication breakdowns and difficult relationship patterns. When we nourish family relationships, we nourish ourselves too.	• Introduction to the Family • Family Relationship Patterns • Family Roles • Personality Differences • Responses to Conflicts • Resolution & Reconciliation

22	*School of Health & Social Sciences* **HSX210** Understanding Common Medical Terms	Understand common terms used in hospitals and clinics and decipher medical jargon. Through lectures, activities and video presentations, you will be given the opportunity to explore and learn the distinct and unique vocabulary used in the medical field.	• Introduction to medical terminology
			  o Prefixes
			  o Suffixes
			• Introduction to the body
			  o Body systems
			• Enlarging your medical vocabulary
			• Medical abbreviations

23	*School of Health & Social Sciences* **HSX211** Appreciating the Sociology of Health & Illness	Do you know that your gender, race, ethnicity, socio-economic status and other social characteristics can determine how long you live, and what types of diseases and illnesses you are likely to suffer from? Come and learn how social characteristics and processes can have significant impact on your health status and life expectancy.	• Introduction to the Sociology of Health & Illness • Social dimension of health & illness • Social causes of common health-related problems in Singapore

No.	School / Module Code / Title	Module Description	Key Topics Covered
24	**School of Health & Social Sciences** **HSX212** Psychological Health and Wellbeing	A generalised module covering psychological disorders that are commonly encountered and diagnosed, this module attempts to elucidate the concepts of psychological health and wellbeing to learners from various disciplines. Equipped with this knowledge, you will gain sufficient knowledge and insight into selected disorders such that you will be able to identify manifestations of these disorders and capitalise on available avenues of help and support. The role of sociocultural and environmental factors and their impact on psychological health and wellbeing will also be explored.	• Introduction to psychological health and wellbeing • Core domains of psychosocial wellbeing • Anxiety, mood disorders and addictions • Psychotic disorders • Community resources
25	**School of Health & Social Sciences** **HSX213** Psychology of Self- Motivation and Change	Are you overwhelmed by schoolwork piling up? Or perhaps, you feel the tremendous stress of writing that first sentence for your report? Procrastination is a major problem for many learners. Get equipped with the right skills and knowledge to improve your self-motivation.	• Commitment to plan for personal change • Tools to tackle procrastination to change • Methods and techniques in establishing growth mindset • Overcoming challenges in the change process • Self-management strategies for effective & efficient change • Effectiveness of the change process

No.	School / Module Code / Title	Module Description	Key Topics Covered
26	*School of Information Technology* **ITX206** Business Analytics Primer	Wondering what to do with the data collected from your research projects or survey? In this module, you will learn the basics of business analytics and concepts of the data management process. Find meaning the data you collect and learn how to unlock its secrets.	• Data management process using the Cross Industry Standard Process for Data Mining (Crisp-DM) Model • Characteristics of big data • Types of analytical techniques in the data mining process • Analytical techniques for various business situations/ industries
27	*School of Information Technology* **ITX207** Insights on Ethical Hacking	"To beat a hacker, you need to think like a hacker". Find out how ethical hacking can help to protect your IT systems from being compromised. In this module, you will learn the rules and tools that are applicable to ethical hacking.	• Reconnaissance & Network Security • Ethics & Security Testing • Web Security • Cryptography & Steganography
28	*School of Information Technology* **ITX208** Coding for Beginners*	Steve Jobs once said, "*Everybody in this country should learn how to program a computer because it teaches you how to think.*" Learning to code also makes you more productive, efficient and effective. In this course, you will learn how to construct a program from a series of simple instructions in Python. There are no pre-requisites and anyone with moderate computer experience should be able to find this course fun and useful.	• Computational Thinking Concepts • Basic Programming Concepts Building A Computer Program

*Not offered to SEG learners

No.	School / Module Code / Title	Module Description	Key Topics Covered
29	*School of Information Technology* **ITX209** Mobile Application Development Made Easy	Do you have a great idea for a mobile app? Maybe you're wishing that you had the skills to develop it? This module will teach you how to develop working mobile apps that you can use to test and refine your ideas! All this without typing codes!	• Basic programming concept • Drawing, Animation, and Game apps • Texting and Location Sensing • Quizzes and other Informational Apps • Communicating with the Web
30	*School of Information Technology* **ITX210** Secured Digital Home	With cyber theft and hackers hogging the headlines, find peace of mind by learning the fundamentals of setting up a secured home network system. Keep your loved ones safe through your skill, and secure your digital home.	• How does wireless transmission work? • Networking Basics • Wireless Security • Basics of IP Camera
31	*School of Information Technology* **ITX211** The Art & Science of Project Management	Want to know how to manage your projects effectively? In this module, you will learn to estimate project scope and effort, use the tools for management of projects and to develop leadership to deliver successful project.	• Identify project scope • Estimate effort required for project • Project schedule planning • Project monitoring • Project Management Tips

No.	School / Module Code / Title	Module Description	Key Topics Covered
32	*Centre for Innovation & Life Skills* **FGX204** Introduction to French Language 1	Bonjour! Do you want to learn some basic French? Oui? Then this module is for you! You will learn handy phrases you can use when you are in France or when you are making first contact with the French. A bientôt!	• French Pronunciation • Greetings • Self-introduction • Likes and Dislikes
33	*Centre for Innovation & Life Skills* **FGX205** Introduction to German Language 1	Guten Tag! Did you know that more than 100 million people outside of Germany speak German? If you are interested in learning some basic German or thinking of studying in Germany, then this module is for you! You will learn handy phrases you can use when you are in Germany or when you are making first contact with the Germans. Bis bald!	• German Alphabet & Pronunciation • Greetings & Introduction • Numbers & Prices • Food & Drinks • Health & Sickness • Public Transport & Traveling
34	*Centre for Innovation & Life Skills* **FGX206** Introduction to Japanese Language 1	こんにちは (konnichiwa). Are you interested in learning and speaking some basic Japanese? In this module, you will learn basic pronunciation, the Japanese writing system, introductions among other things. You will gain confidence in communicating with the Japanese using simple phrases!	• Japanese Sound Patterns and Writing Systems • Self-introduction • Greetings & First Contacts • Shopping
35	*Centre for Innovation & Life Skills* **FGX207** Introduction to Korean Language 1	안녕하세요! Are you keen to learn some basic Korean phrases? How about the Korean alphabet? 그래요? In this module, you will learn simple phrases which you can use while travelling in Korea or when you are making first contact with the Koreans. You can even enjoy Korean drama or K-POP with this basic knowledge of Korean grammar. 곧 만나요!	• Hangeul – the Korean Alphabet • First Contact & Exchanges • At a Restaurant • Shopping

No.	School / Module Code / Title	Module Description	Key Topics Covered
36	*Centre for Innovation & Life Skills* **FGX215** Business Chinese	Do you want to make good use of your Chinese language skills in a business and work environment? In this module, you will learn to connect with others in typical business and work situations using your Chinese language skills along with an understanding of Chinese ways of thinking. ***This module will be conducted in Chinese, with English translation at times when special terms are involved. Only students with C6 or better in GCE 'O' level or 'N' level Chinese Language are eligible to take this module.***	• China as an economic entity • Aspects of Chinese culture as perceived in business practices • Chinese as a communication tool in the business and work environment
37	*Centre for Innovation & Life Skills* **FGX216** Introduction to Malay Language	*Selamat datang ke kelas bahasa Melayu*! (Welcome to the Malay Language class!) Always wanted to converse with your friends in Malay? Need to travel to Malaysia or Indonesia for the weekend? This module is for you. It will equip you with the basics of the Malay language through situational dialogues. It will also give you a glimpse of the Malay culture and customs. ***As this is an introductory module, only students with no prior formal training in Malay may apply.***	• Pronunciation and sentence structure • Basic Social Interactions • People and Daily Life • Malay Culture and Customs

No.	School / Module Code / Title	Module Description	Key Topics Covered
38	*Centre for Innovation & Life Skills* **FGX221** Introduction to French Language 2 **To do this module, you need to have completed & passed FGX115 or FGX204 (**Introduction to French Language 1)	*Bonjour!* Having done the basic French module, you can read French words properly and exchange greetings and simple information. Go further in this module: Learn how to interact with people in typical situations like a retail store,	• Going to the Market • Eating Out • Getting Around in Town • Talking About Home
39	*Centre for Innovation & Life Skills* **FGX222** Introduction to German Language 2 **To do this module, you need to have completed & passed FGX116 or FGX205 (**Introduction to German Language 1)	*Guten Tag!* Are you keen to build on the basic German language skills that you have gained? Fancy arranging an appointment or a date in German? In this module, learn how to communicate in interesting settings, tell a German friend about your favourite hobbies or leisure activities. Then, acquire the language skills to find your way around in a German-speaking country. *Bis bald!*	• Leisure • Meetings • Travel

No.	School / Module Code / Title	Module Description	Key Topics Covered
40	**Centre for Innovation & Life Skills** **FGX223** Introduction to Japanese Language 2 **To do this module, you need to have completed & passed FGX117 or FGX206** (Introduction to Japanese Language 1)	こんにちは (konnichiwa). You can presently use your Japanese language skills in some simple conversations. In this module, upgrade your skills and learn to converse about activities with reference to time and space. This will be especially useful if you wish to travel in Japan.	• Shopping • Time & Reference • Getting Around
41	**Centre for Innovation & Life Skills** **FGX224** Introduction to Korean Language 2 **To do this module, you need to have completed & passed FGX118 or FGX207 (**Introduction to Korean Language 1)	안녕하세요! You are having fun using your basic Korean language skills in some simple conversations, but now, join us in this module and learn how to talk about daily life, describe people and things within the cultural context of Korean society. 곧 만나요!	• Daily Life • People & Things • Meeting and Appointments
42	**Centre for Innovation & Life Skills** **FGX217** Sustainability: Building a Better World	Are you passionate about making a positive impact on the planet? Ready to explore the exciting world of sustainability and shape a greener future? Look no further! This cutting-edge online sustainability course is your gateway to understanding and implementing socio- and eco-friendly practices that matter. We are inviting you to take our **entirely asynchronous online** module "Sustainability: Building a Better World".	• Effects of Consumption • Role of Finance in Sustainable Development • Energy Use • Greenhouse Gas Emissions • Climate Change • Ocean Conservation • Sustainable Food Production

No.	School / Module Code / Title	Module Description	Key Topics Covered
		From climate change to renewable energy, the module covers a wide range of crucial sustainability topics that are shaping our world today. By enrolling in this course, you're not just gaining knowledge — you're also empowering yourself to be a catalyst for positive change in your community and beyond.	• Population Growth
43	**Centre for Innovation & Life Skills** **FGX218** Introduction to Political Science	Ever wonder how countries are run and governed? This module is designed to give you an introduction to Political Science. Learn about The State, Systems of Government as well as Political Activity and Behaviour. Through the module, you will be able to understand socio-political contexts and better appreciate the environments you operate in. You will learn through lectures, group discussions and classroom contributions.	• What is Political Science • Political Ideology • State and Nationhood • Political Culture
44	**Centre for Innovation & Life Skills** **FGX219** Current Issues in Perspective	Want to know what critical skills you need in the 4th Industrial Revolution? How does disruptive technology and economy impact our lives? Learn about these and other current issues to prepare yourself for life in the 21st Century.	• 4th Industrial Revolution & Disruptive Technology • Employment and Jobs in the New Economy • Environment and Sustainability • Counterterrorism • Aging and Racial Harmony
45	**Centre for Innovation & Life Skills** **FGX220** Learn to Lead	Do you sometimes find it challenging to lead teams, but you know that it is crucial for success in life? Gain confidence and skills through activities designed to hone your leadership skills!	• Personality Types • Build Teams • Positive Team Culture • Effective Communication

No.	School / Module Code / Title	Module Description	Key Topics Covered
46	*Centre for Innovation & Life Skills* **FGX225** Sustainability in Action	Take action, empower change: Sustainability in Action! Embark on a journey of real-world impact with this dynamic course which equips you to be a champion for sustainability. This module takes learning beyond the classroom and into the heart of the community. Engage in hands-on sustainability activities that not only benefit the environment but also promote sustainable behaviours to external stakeholders. Join us in making a difference and shaping a more sustainable future for generations to come!	• Introduction to Sustainability • Sustainability Initiatives • Community Engagement • Reflection on Sustainable Behaviour • Learners must be available for the following event: o **25 July 2025 (Friday, 2:30 – 5:30 pm)** Collaboration with community partner event (ICA2)
47	*Centre for Innovation & Life Skills* **FGX226** Effective Organizational Communication	Communication in an organization is much more than just transmitting information. Through theory, case studies and role-play, we examine how intertwined an organisation's communication and culture are. Join us and get a better grasp of the words and dynamics in the workplace.	• Is Organization a Machine • How Organizations See People • Organizational Communication Flow • Common Barriers, Distortions and Solutions to Communication Flow
48	*Centre for Innovation & Life Skills* **FGX227** Lessons from History – 20th Century China	Live the present and look to the future, but do not forget the paths taken to get here. Take a look at 20th Century China and discover how human wants and desires had far reaching consequences. Open your minds to learn from the past, so that to better appreciate our world today.	• The Boxer Rebellion • 1911 Revolution • World War II • People's Republic of China • Great Leap Forward

No.	School / Module Code / Title	Module Description	Key Topics Covered
49	***Centre for Innovation & Life Skills*** **FGX228** Discovering Vietnamese Culture & Society	This module offers a unique perspective on Vietnam's history and culture, exploring its traditions, cuisine, and social dynamics. It provides valuable insights into daily life and festivals, making it perfect for travellers and culture enthusiasts. Enrol today to start your cultural journey!	- History - Festivals - Cuisine - Society - Ethnic diversity - Economic development

Official (Open)

Year 2 GSMs - Key Topics

Official (Open)

Year 2 GSMs - Key Topics