

— Industry Relevant Skills —

SKILLSFUTURE SERIES SHORT COURSES & BOOT CAMPS

| Course Title | Course Outline | Minimum Entry Requirements | Application Period |
|---|---|--|--------------------|
| (SC01) GoSchool (80 Hrs) | Designed to kick-start the journey of aspiring Go developers, GoSchool's Go Language curriculum consists of seven components that will equip you with fundamental programming skills. | A recognised local polytechnic diploma or degree in any IT discipline | Now to 31-May-2020 |
| (SC02) Work-Study Certificate in Digital Marketing & Branding (320 Hrs) | The Digital Marketing & Branding Work-Learn Boot Camp will prepare you for an entry-level digital marketing role at a media agency, e-commerce or retail company, MNC or SME that requires online marketing. | Nil. Interested applicants will be invited to an interview before being selected for the programme. | Now to 31-May-2020 |
| (SC03) Work-Study Certificate in Startup Talent Factory (9-12 mths) | This Work-Study Post-Diploma (WSP) is designed to give fresh polytechnic graduates a career head start in entrepreneurship. Students will receive a Certificate in Entrepreneurship after completing this flexible 9 to 12 month work-study programme, and be matched to a job in a startup company. | Nil. Interested applicants will be invited to an interview before being selected for the programme. | Now to 18-May-2020 |
| (SC04) Data School Foundations Track (156 Hrs) | This course will equip you with technical and narrative skills essential for areas in data analytics and machine learning. | Basic programming experience | Now to 18-May-2020 |
| (SC05) Social Media Marketing (16 Hrs) | Through case studies and engaging activities, you will learn how to create a social media plan tailored to specific organisational needs and goals. | Nil. | Now to 31-May-2020 |
| (SC06) From Conversation to Conversion: Nurturing Customer Relationships on Digital Platforms (16 Hrs) | Start crucial brand conversations by creating an effective, distinctive online brand presence with relevant content that caters to your audience's search demand. | Nil. | Now to 31-May-2020 |
| (SC07) Cyber Security Essentials (40Hrs) | <p>The course provides an overview of the various domains of cyber security and covers the essential principles of network security; compliance and operational security; threats and vulnerabilities; application, data and host security; access control and integrity management; and cryptography. This course prepares you for the CompTIA Security+* certification exam.</p> <p><i>*CompTIA Security+ is a global certification that validates the baseline skills you need to perform core security functions and pursue an IT security career.</i></p> | <p>A polytechnic diploma (or equivalent) in a technology or IT-related course.</p> <p>Fundamental understanding of computer and networking concepts.</p> | Now to 31-May-2020 |
| (SC08) Salesforce ADX 201 (40.5 Hrs) | You will learn how to customise the Salesforce CRM software for your needs, such as creating security settings, preparing high-value reports and dashboards, and setting workflow automation. You can apply these skills to improve customer experience management, marketing and sales strategies, as well as account management. | Nil. | Now to 31-May-2020 |
| (SC09) Deep Dive into Python (40 Hrs) | <p>Learn Python to solve real-world problems. At the end of the course, you will be able to do the following:</p> <p>(1) apply the steps involved in problem solving, using computers;</p> <p>(2) analyse problems and design suitable algorithms to solve real-world problems with a programming language; and</p> <p>(3) apply fundamental concepts of programming such as data types, variables, expressions, operators, selection structures and repetition structures, lists, functions, objects and classes, as well as file I/O.</p> | Nil. | Now to 31-May-2020 |
| (SC10) Business Translation for the Chinese Speaking Market (14 Hrs) | The course provides you with basic translation skills and knowledge to communicate effectively through business correspondence. You will also learn how to translate common contractual terms and company profiles from Chinese to English, and vice versa. | Nil. | Now to 31-May-2020 |
| (SC11) Starting Your Home Enterprise (8 Hrs) | This course will provide you with a basic knowledge of starting a home business from scratch. You will learn how to ideate a business concept, create an online platform to market your products and services, and identify fulfilment solutions. | Nil. | Now to 31-May-2020 |
| (SC12) Knowing and Engaging Youths (K.E.Y) (45 Hrs) | Co-developed with Youth Work Association Singapore, you will get to learn theories behind youth psychology and development. You will also be mentored by youth work practitioners and get to apply your skills in a real youth agency setting. The programme will equip you with the basic technical competencies required to become a social work associate, youth work associate, volunteer executive or programme coordinator. | Nil. | Now to 31-May-2020 |
| (SC13) Machine Learning for Humans (24 Hrs Online) | <p>You will gain a broad overview of data history, how to conduct a machine learning project, and the practical applications of various machine learning models.</p> <p>This online course will be suitable for professionals who deal with data on a day-to-day basis, and wish to understand how data can be leveraged for smarter business decisions.</p> | Nil. | Now to 31-May-2020 |
| (SC14) Search Engine Optimisation for Beginners (16 Hrs) | You will learn how to optimise your website so it can be ranked on Google, and select the correct keywords that can generate business value. Furthermore, you will also learn how to create content to generate engagement, as well as the best practices to outrank your competitors. You will also be able to effectively measure your SEO activities through analytics, and learn SEO tools like Ahrefs. | Nil. | Now to 31-May-2020 |
| (SC15) Digital Analytics For Marketing: Use Customer Intelligence To Uncover High-Value Audience (16 Hrs) | <p>This course will provide you with various analytical techniques that will help you to extract data and connect the dots. By the end of the training, you will be able to do the following:</p> <p>(1) Understand and apply search engine marketing (SEM) to promote websites by increasing their visibility in search engine result pages (SERPs) through the use of search engine optimisation, paid placement and contextual advertising;</p> <p>(2) Understand the nature and importance of data analysis to measure the performances of digital web marketing campaigns; and</p> <p>(3) Familiarise yourself with tools that can help to increase the productivity and effectiveness of digital marketing campaigns.</p> | Nil. | Now to 31-May-2020 |
| (SC16) RPA for Executives (16 Hrs) | The course will introduce Robotic Process Automation (RPA) technology to business executives who wish to reduce the burden of repetitive, simple tasks. You will learn how to apply RPA skills to automate business process scenarios. | Nil. | Now to 31-May-2020 |
| (SC17) Analytics for Executives (16 Hrs) | This course provides an overview of analytics for executives. Organisations can use data-driven analyses and predictions as part of their decision-making processes, which can lead to better business outcomes. | Nil. | Now to 31-May-2020 |
| (SC18) Tell Your Brand's Story: Create & Engage Your Audience (16 Hrs) | You will learn techniques to clarify your mission-driven story and identify your positioning to reach your specific target market. You will also pick up skills on how to craft your emotionally-compelling brand message and discover the strategies to amplify your message to the media. | Nil. | Now to 31-May-2020 |
| (SC19) Binocular and Paediatric Vision Assessment (8 Hrs) | This course will help you to enhance your procedural competencies and knowledge of the binocular and paediatric vision anomalies in retail optometry. You will be able to apply the skills you have learnt to provide a comprehensive assessment of your patients, especially children. | Diploma in Optometry | Now to 31-May-2020 |
| (SC20) Contact Lens Clinical Practice (8 Hrs) | This course aims to provide a comprehensive review on fitting contact lenses and common related complications seen in daily practices. It is a platform for current optometrists to share their clinical experiences, and for those returning to practice to refresh their clinical skills and deliver better patient-centered care. | Diploma in Optometry | Now to 31-May-2020 |

POST-DIPLOMA CERTIFICATES (PDCs)

| Course Title | Course Outline | Minimum Entry Requirements | Application Period |
|---|--|--|--------------------|
| (PDC01) Post-Diploma Certificate in Business Analytics (6 Mths) (Part of Specialist Diploma in Business & Decision Analytics) | <p>This certificate consists of two modules:</p> <p>1. Data Visualisation for Business This module aims to equip you with an understanding of fundamental data visualisation concepts that will help you to develop interactive management dashboards for decision making. This involves applying best dashboard design principles, data story-telling techniques, as well as insight gathering techniques. You will learn how to organise data, perform data preparation, develop interactive dashboards, design data story-telling reports and automate repetitive tasks.</p> <p>2. Business Trends and Insights This module aims to equip you with database concepts and management using Structured Query Language (SQL) for data wrangling and munging. Raw transactional data can be queried in aggregated form for use in supervised or unsupervised machine learning to solve classification or regression problems, as well as identifying natural groupings in customers. This will help organisations to make critical business decisions to improve business performance. You will learn how to use visual machine learning tools with drag-and-drop capabilities to build a predictive model.</p> | A local polytechnic diploma or recognised degree (with English as the medium of instruction) in business, engineering, technology or any other discipline, with at least one year of relevant work experience. | Now to 31-May-2020 |
| (PDC02) Post-Diploma Certificate in Digital Media Marketing (6 Mths) (Part of Diploma (Conversion) in Digital Media Design) | <p>You will learn the technical and aesthetic aspects of digital media tools, and obtain practical skills for working on digital media platforms. There are three modules that you will need to complete in order to receive the certificate. They are:</p> <p>1. Digital Media Principles and Practices This module will provide you with a foundation in theoretical and practical skills in digital media, and its impact on business and communications. The focus of this module is user-centred design.</p> <p>2. Digital Publishing This module addresses communication design principles for mobile and e-publications, with an emphasis on developing creative modern concepts for mobile devices.</p> <p>3. Social Media Marketing The module will equip you with practical skills to conceptualise and implement a winning social media campaign.</p> | A diploma or degree in any discipline | Now to 18-May-2020 |
| (PDC03) Post-Diploma Certificate in Environmental & Chemical Analyses (6 Mths) (Part of Specialist Diploma in Analytical Science) | <p>This certificate is part of the Work-Study Post-Diploma (WSP) designed to give fresh polytechnic graduates a career head start in the analytical science sector.</p> <p>The Post-Diploma Certificate in Environmental & Chemical Analyses consists of four modules :</p> <ul style="list-style-type: none">• Chemical Safety• Gas Chromatography• Environmental Testing• Analytical Application & Management | Please refer to the link below for the entry requirements: https://www.np.edu.sg/lifelong-learning/Pages/Specialist-Diplo-ma-Analytical-Sciences.aspx | Now to 18-May-2020 |
| (PDC04) Post-Diploma Certificate in Pharmaceutical Quality Systems (6 Mths) (Part of Advanced Diploma in Medical & Pharmaceutical Technology) | <p>This certificate is part of the Advanced Diploma in Medical and Pharmaceutical Technology. It was designed to give students an in-depth perspective of quality assurance systems and a solid foundation of the life sciences, with a strong emphasis on laboratory training.</p> <p>The Post-Diploma Certificate in Pharmaceutical Quality Systems introduces essential generic quality issues, such as QC, QA, CAPA, compliance and validations, as well as the application of Good Manufacturing Practices, regulatory standards, Quality Management Systems and quality audits.</p> | A local polytechnic diploma/ degree in technical disciplines such as Science, Engineering or Information Technology OR A local polytechnic diploma or degree in a non-engineering or non-technology discipline AND a credit or a minimum grade of C6 in a GCE 'O' level Science subject | Now to 18-May-2020 |
| (PDC05) Post-Diploma Certificate in Decision Analytics (6 Mths) (Part of Specialist Diploma in Business & Decision Analytics) | <p>This certificate consists of two modules:</p> <p>1. Statistics in Business You will be equipped with statistical knowledge and techniques to perform data visualisations and make statistical inferences. Statistical methods will also be used to make predictions in order to help organisations make better data-driven decisions. This module incorporates the course 'Statistics Bootcamp' from NUS-ISS's suite of MTech EBAC stackable programmes.</p> <p>2. Business Predictions This module aims to equip you with the skills to perform business predictions in real-life business scenarios through workshops using in-demand programming languages. You will be taught how to extract information from data, and use it to predict future trends and behavioral patterns in businesses. This module incorporates the course 'Data Analytics Process & Best Practices' and 'Predictive Analytics - Insights of Trends and Irregularities' from NUS-ISS's suite of MTech EBAC stackable programmes.</p> | A local polytechnic diploma or recognised degree (with English as the medium of instruction) in business, engineering, technology, or any other discipline with at least one year of relevant work experience. | Now to 31-May-2020 |
| (PDC06) Post-Diploma Certificate in Foundations of AI Systems (6 Mths) (Part of Specialist Diploma in AI for Engineers) | <p>This certificate is part of the Specialist Diploma in AI for Engineers, where you will learn the knowledge and skills required to apply AI to real-world engineering systems.</p> <p>This programme provides you with a foundational understanding of machine learning, deep learning and AI, which will help you to improve the efficiency of engineering systems and processes.</p> | A recognised local polytechnic diploma or degree in any engineering or IT discipline. | Now to 31-May-2020 |
| (PDC07) Post-Diploma Certificate in Application of AI Systems (6 Mths) (Part of Specialist Diploma in AI for Engineers) | <p>This certificate is part of the Specialist Diploma in AI for Engineers, where you will learn the knowledge and skills required to apply AI to real-world engineering systems.</p> <p>In this programme, you will acquire practical coding skills and knowledge to implement AI-enabled engineering systems and processes across different engineering domains.</p> | A recognised local polytechnic diploma or degree in any engineering or IT discipline. | Now to 31-May-2020 |
| (PDC08) Post-Diploma Certificate in Facilities Systems and Technology (6 Mths) (Part of Diploma (Conversion) in Facilities Management) | <p>This certificate is part of the Diploma (Conversion) in Facilities Management, where you will learn about sustainable facility management, and the day-to-day operations of buildings and premises.</p> <p>In this programme, you will learn about the operation, installation and maintenance of mechanical and electrical systems, as well as the application of sustainable and green building design concepts in the built environment.</p> | A local polytechnic diploma or degree in Engineering, Technology or Physics OR A local polytechnic diploma or degree in non-engineering or non-technology disciplines AND a credit or minimum grade of C6 in GCE 'O' level Physics or Physical Science | Now to 31-May-2020 |
| (PDC09) Post-Diploma Certificate in Management of Facilities (6 Mths) (Part of Diploma (Conversion) in Facilities Management) | <p>This certificate is part of the Diploma (Conversion) in Facilities Management, where you will learn about sustainable facility management, and the day-to-day operations of buildings and premises.</p> <p>In this programme, you will learn how to prepare and select contractual arrangements, as well as manage tendering arrangements. You will also gain an understanding of fire safety requirements, and the roles and responsibilities of a fire safety manager.</p> | A local polytechnic diploma or degree in Engineering, Technology or Physics OR A local polytechnic diploma or degree in non-engineering or non-technology disciplines AND a credit or minimum grade of C6 in GCE 'O' level Physics or Physical Science | Now to 31-May-2020 |
| (PDC10) Post-Diploma Certificate in Clinical Procedures (6 Mths) (Part of Specialist Diploma in Veterinary Clinical Practice) | <p>This certificate is part of the Specialist Diploma in Veterinary Clinical Practice. You will get an overview of statutory regulations in veterinary practice, and learn fundamentals of fluid therapy towards management of trauma and common emergencies. The programme also covers pain management and selection, as well as the proper execution of an anaesthetic protocol.</p> | A local polytechnic diploma or degree in a relevant discipline, AND significant animal handling experience or have a deep passion for animal care | Now to 31-May-2020 |
| (PDC11) Post-Diploma Certificate in Biopharmaceutical Manufacturing (6 Mths) (Part of Advanced Diploma in Medical & Pharmaceutical Technology) | <p>This certificate is part of the Advanced Diploma in Medical and Pharmaceutical Technology. It is designed to provide an overview of the processes involved in biopharmaceutical production, from raw materials to finished products, along with the hands-on operation of laboratory scale bioreactors, biologic purification using various chromatographic methods and drug formulations.</p> | A local polytechnic diploma or degree in technical disciplines such as Science, Engineering or Information Technology OR A local polytechnic diploma or degree in a non-engineering / non-technology disciplines AND a credit or a minimum grade of C6 in GCE "O" level Science Subject | Now to 31-May-2020 |
| (PDC12) Post-Diploma Certificate in Programme & Centre Management (6 Mths) (Part of Diploma (Conversion) in Care and Programme: Student Services & Coaching) | <p>This certificate aims to equip you with the knowledge to conceptualise and roll out an effective curriculum, programmes and activities by undertaking a systematic assessment of your students' needs. After which, you will acquire techniques to evaluate the effectiveness of your programmes for future improvements. You will also learn how to develop programmes that will enhance your students' social emotional learning. You will get a better understanding of how to run a student service centre, including the use of technology, and the legal and ethical considerations you will need to take to improve the overall efficiency of your centre. You will also understand how to engage and work with community stakeholders to promote the holistic development of your students.</p> | A local polytechnic diploma or degree | Now to 31-May-2020 |