FACTSHEET ON SKILLSFUTURE EARN AND LEARN PROGRAMME
FOR SOFTWARE DEVELOPMENT

Sector Overview

Infocomm Technology (ICT) is a key enabler of industries contributing to Singapore's economic and social growth. It has greatly enhanced Singapore's competitiveness by raising productivity and transforming business processes of organisations from industries ranging from finance, food and beverage, manufacturing to healthcare.

Singapore is poised to be an ICT hub, attracting multinational giants as well as international tech start-ups and exciting user organisations. The ICT industry revenue saw a Compound Annual Growth Rate (CAGR) of 15.7 per cent for the period of 2009 to 2014, reaching $167.1 billion in 2014 and employed 150,200 ICT professionals[1].

As Singapore progresses towards becoming a Smart Nation, the ICT industry will restructure towards higher value-add knowledge work and Intellectual Property creation, leading to further increases in demand for ICT professionals. According to a Hudson report, the ICT industry continues to exhibit strong hiring intentions with 52.4 per cent of employers intending to raise their manpower in 2015.

Career Prospects

Under the SkillsFuture Earn and Learn Programme for Software Development, fresh polytechnic graduates in Infocomm Technology and related fields, can look forward to a fulfilling career as Software Engineering Technicians.

Participants will be hired as Software Engineering Technicians and progress through the programme to become New Associate Software Engineers[2]. They may expect a starting salary of approximately $2,200 - $2,500 and may receive possible wage increments that commensurate with their skills during the next annual salary review cycle.

Programme Structure and Certification(s)

The SkillsFuture Earn and Learn Programme is a work-study programme designed to give fresh graduates from polytechnics and the Institute of Technical Education (ITE) a head-start in careers by matching them with a job related to their discipline of study. SkillsFuture Earn and Learn Programme participants will undergo a 12- to 18-month structured training programme, depending on the sector and job requirements. At the end of the programme, they will receive an industry-recognised certification and skills-based wage increments subject to satisfactory job performance.

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[1] Source: Infocomm Development Authority of Singapore (IDA), Infocomm Industry and Infocomm Manpower Survey 2014, https://www.ida.gov.sg/Tech-Scene-News/Facts-and-Figures/Survey-Reports
[2] Job titles may vary from companies

Under the SkillsFuture Earn and Learn Programme for Software Development, participants will undergo a 12-month structured training programme including facilitated classroom learning, e-learning and on-the-job training. This will lead to a Specialist Diploma in Information Systems Development awarded by programme manager, Nanyang Polytechnic (NYP).

Eligibility Criteria

Polytechnic graduates from IT-related, computer science or equivalent will be considered for the programme. These include, but are not limited to, the following courses:

Course	Polytechnic
Diploma in Business Applications	Republic
Diploma in Business Enterprise IT	Nanyang
Diploma in Business Informatics	Nanyang
Diploma in Business Information Systems	Republic
Diploma in Business Information Technology	Ngee Ann, Singapore, Temasek
Diploma in Business Intelligence & Analytics	Nanyang, Temasek
Diploma in Computer Engineering	Singapore, Temasek
Diploma in Cyber and Digital Security	Temasek
Diploma in Electronic & Computer Engineering	Ngee Ann
Diploma in Electronics, Computer & Communications	Nanyang
Diploma in Engineering Informatics	Nanyang
Diploma in Financial Business Informatics	Temasek
Diploma in Financial Informatics	Nanyang, Ngee Ann
Diploma in Infocomm Security Management	Republic, Singapore
Diploma in Info-Communication Engineering & Design	Singapore
Diploma in Info-Communications	Temasek
Diploma in Infocomm Security	Nanyang
Diploma in Information Technology	Nanyang, Ngee Ann, Republic, Singapore, Temasek
Diploma in Interactive and Digital Media	Republic
Diploma in IT Service Management	Republic
Diploma in Media and Communication Technology	Temasek
Diploma in Mobile and Network Services	Temasek
Diploma in Mobile Business Solutions	Ngee Ann
Diploma in Mobile Software Development	Republic
Diploma in Multimedia and Infocomm Technology	Nanyang
Diploma in Network Systems & Security	Ngee Ann

Funding of the programme

S/N	Component	WDA Funding
1	Employers Incentives	Up to $15,000
2	Sign-on incentive for Trainees *Only applicable for Singapore Citizens	$5,000 per eligible participant

Course Details

Course Fee *Fees paid by companies	After MOE Subsidy $1,050 for Singaporeans $2,780 for Permanent Residents
Modes of Learning	Facilitated Learning E-Learning On-the-job Training
Modes of Assessment	Fully in-course assessment

For More Information

Companies may contact Ms Cally Ng at Cally_ng@nyp.edu.sg or 6550 1654 for more information on the SkillsFuture Earn and Learn Programme for Software Development.