Teaching Institutions

1 Centre for English Language and Communication

1.1 Centre’s Commitment

The Centre for English Language Communication (CELC) was established in 1979. It plays a vital role in enhancing the English language and communication skills of both local and international undergraduate and graduate students at the National University of Singapore.

CELC’s mission is to empower its students to acquire effective English language and communication skills for their academic and professional lives through innovative teaching, promotion of independent learning and engagement in research related to ELT. To achieve this mission, its strategic goals are to:

- provide well designed and relevant programmes
- prepare students for the communication needs of the university and the workplace
- promote independent learning through the provision of self access learning environments
- adopt innovative teaching practices grounded in research
- design and administer effective language assessments
- enhance professional growth by keeping abreast of current developments in theory, research, pedagogy and Information Technology
- conduct classroom based research on the teaching of English and communication skills
- collaborate with departments and faculties across the university to meet students’ language and communication needs
- share expertise with ELT practitioners through publications, conferences and academic collaboration

For more information on CELC and the modules offered, please go to: http://www.nus.edu.sg/celc

1.2 Key Contact Information

For up-to-date information, please visit the Centre's website at: http://www.nus.edu.sg/celc

Title & Name	Designation/Responsibility	Telephone (6516-XXXX)	Email (XXXX@nullnus.edu.sg)
Assoc Prof WU Siew Mei	Director	3865	elchead
Ms Happy GOH	Associate Director	6095	elcgohkp
Ms NORHAYATI bte Mohd Ismail	Associate Director	3878	elcnmi
Dr Jessie TENG	Associate Director Course Coordinator, ENV1202	3727	elctengj
Dr CAO Feng	Course Coordinator, ES5002	66015012	elccf
Ms Peggie CHAN & Dr Misty COOK	Course Coordinators, ES2331	6122 3876	elccpk elcmsw
Mrs Deborah Ann CHOO	Course Coordinator, EM1001, EM1002, EM1201, EM1202	66012862	elcchoo
Dr FONG Yoke Sim	Course Coordinator, ES5000	8879	elcfys
Mr Patrick GALLO	Course Coordinator, ES1601	1942	elcgpb
Dr Natalie HUDSON & Mr Derrick NG	Course Coordinators, FAS1102	66014992 3112	elcnh elcngld
Dr Radhika JAIDEV	Course Coordinator, ES5001A	3725	elcrj
Ms Susan LEE	Course Coordinator, ES2007D	66013920	elclmss
Ms LEE Gek Ling	Course Coordinator, GEK1901/GET1006	6107	elcleegl
Ms LEE Kit Mun	Course Coordinator, CS2101	66011466	elclkm
Dr LEE Kooi Cheng	Course Coordinator, GET1034	8880	elcleekc

Title & Name	Designation/Responsibility	Telephone (6516-XXXX)	Email (XXXX@nullnus.edu.sg)
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Dr Jeffrey MOK	Course Coordinator, SDE/DBS embedded courses	66011744	elcmchj
Ms Laetitia MONBEC & Dr LEE Ming Cherk	Course Coordinators, ES1102	3868 6085	elclm elclmc
Ms Priscillia PUI	Course Coordinator, ES1531/GEK1549/GET1021	1091	elcpple
Mrs Chitra SABAPATHY	Course Coordinator, IS2101	3866	elccs
Mr Richard SEOW	Course Coordinator, ES1000 and SP2171 embedded course	3885	elcshsr
Dr James D. STEPHEN	Course Coordinator, ES2002	8876	elcjds
Dr Abdel Halim SYKES	Course Coordinator, ES5101	6084	elcabhs
Dr Patrick WADE	Program Coordinator, Ideas & Exposition modules	66011227	elcwpw
Dr WONG Jock Onn	Course Coordinator, ES1501%	3113	elcwjo
Dr ZHOU Ziqian	Course Coordinator, FAS1101	6156	elczz
Dr ZHU Shenfa	Course Coordinator, FOE embedded courses	63872	elczs
Ms Regina SO	Associate Director	7447	elcsor
Ms CHEOK Bee Khim	Manager	6955	elccbk
Ms KWONG Mew Yuen	Manager (IT)	1943	elckmy
Ms Doris HOW	Assistant Manager	3865	elchyl/elcsec
Ms Edna KOH	Assistant Manager	66011340	elcknle
Ms MAW Zin Zin	IT Analyst	6517	elczzm

Title & Name	Designation/Responsibility	Telephone (6516-XXXX)	Email (XXXX@nullnus.edu.sg)
Ms BOO Chiu Suen	Senior Executive	66011683	elcbcs

2 Institute of Systems Science

2.1 Programme’s Commitment

The Institute of Systems Science is known for its broad-based advanced professional continuing education in Information Technology specialising in Software Technology and Engineering Practice and provides industry with Strategic IT Management, e-Business and Knowledge Management expertise. It aims to deliver quality lifelong ICT learning to professionals and managers through a combination of e-Learning and classroom activities.

Its mission is to be a premier IT technology transfer institution that directly supports the national IT manpower development plan in establishing and maintaining a world class Information Communication Technology (ICT) capability in Singapore.

Established in 1981, ISS’s initial focus was on the development of a strong, cohesive, industry-oriented educational programme to help organisations accelerate their computerisation programmes.

ISS is ISO9001-certified for the provision of short courses, postgraduate programmes, consultancies and joint projects. This is further assurance of our commitment to quality and to the meeting of the stringent requirements of our customers.

Please visit the ISS website at: http://www.iss.nus.edu.sg for more details.

2.2 Key Contact Information

For up-to-date information, please visit the Faculty's website at: http://www.iss.nus.edu.sg

TITLE & NAME	DESIGNATION/RESPONSIBILITY	TELEPHONE (6516-XXXX)	EMAIL (XXXX@NULLNUS.EDU.SG)
Dr LEONG Mun Kew	Deputy Director & Chief, Graduate Programme	66011235	isslmk
Dr Esther TAN	Chief, GDip Systems Analysis Programme	2515	isstane
Ms Jessie HOO	Manager, Graduate Studies	6769	isshooy
Ms Lilian LIM	Assistant Manager, Graduate Programme	6153	issliml
Ms Matilda SELVARAJ	Snr Graduate Programme Officer	2064	issmyr
Ms TAN Li Rong	Executive, Graduate Programme	2516	isstlr
Ms Jaime TAN	Assistant Manager, Systems Analysis Programme	7829	isstmcj
Ms Jocelyn TAY	Executive, Graduate Studies	66013161	issjtjh
Ms Doris WONG	Course Administrator (Graduate Studies)	1654	isswpc

2.3 Programmes Offered

The Programme offers the following graduate degrees by coursework:

- Master of Technology (Software Engineering) [M.Tech. (SE)]
- Master of Technology (Knowledge Engineering) [M.Tech. (KE)]
- Master of Technology (Enterprise Business Analytics) [M.Tech. (EBAC)]
- Master of Technology (IT Leadership) [M.Tech. (ITL)]
- Graduate Diploma in Systems Analysis [G.Dip. (SA)]

2.4 Programme Requirements

2.4.1 Master of Technology

2.4.2 Graduate Diploma in Systems Analysis

2.4.1 Master of Technology

Course Objective

The Master of Technology is offered jointly by the Institute of Systems Science (ISS) the Faculty of Engineering (FoE) and the School of Computing (SoC) at the National University of Singapore (NUS).

This programme will lead to the award of a Masters degree by the National University of Singapore. It offers specialisation in software engineering, knowledge engineering and enterprise business analytics and is specifically designed to meet the needs of today's busy IT professionals and managers without disrupting their work and career. The curriculum emphasises understanding and exploitation of advanced technologies and management disciplines. It focuses on the practical application of innovative techniques and developing the IT professional's capability for innovation.

Admission Requirements

To gain admission to the programme, candidates will be required to meet the following criteria:

1. Possess an undergraduate degree, preferably in Science or Engineering and a grade point average of at least B.
2. Preferably have 2 years relevant working experience.

MTech SE:

- Preferably have 2 years relevant working experience as an IT professional in software development or maintenance (e.g. programmer, designer, software project manager).
- Please note that candidates with highly relevant IT degrees, with consistently good academic records, and good practical software development knowledge gained either through course work, course projects or professional IT certifications may be granted a work experience waiver.

MTech KE:

- Preferably have 2 years relevant working experience as an IT professional (e.g. software developer, business analyst) or as a domain expert working in an area where Knowledge Engineering can be applied.
- Please note that candidates with highly relevant IT degrees, with consistently good academic records, and good practical computing knowledge gained either through course work, course projects or professional IT certifications may be granted a work experience waiver.

MTech EBAC:

- Preferably have 2 years relevant working experience. IT, engineering and scientific professionals would make ideal candidates. However, those with work experience as domain experts, working in an environment where they can apply Business Analytics, would also be acceptable candidates.

- Please note that candidates with highly relevant degrees in Mathematics, Statistics, Econometrics, Management Science, Operational Research or similar, with consistently good academic records may be granted a work experience waiver.

MTech ITL:

- Possess the **equivalent** of a good NUS undergraduate honours degree preferably in IT, Science, Engineering or a related discipline.
- Possess the following relevant work experience or equivalent:
- A minimum of 5 years of work experience in IT management or business management.
- Experience working in major leading IT roles, such as in software development, maintenance, system management, etc.
- Complete and upload two application essay questions given in the MTechForm (other info).

3. Have passed an entrance test administered by ISS.

- Certain candidates who possess highly relevant Honours/Masters/PhD degrees may be granted entrance test waiver after assessing their application.
- ISS may, at its discretion, accept GRE general test in lieu of ISS entrance test in genuine cases (eg: a candidate lives in a country where ISS does not administer entrance tests or candidate had valid reasons that prevented him/her from attending the ISS entrance test when it was administered.)

4. Have received a favourable assessment at an admissions interview conducted by ISS.
5. Have a high proficiency in the English language (spoken and written). International applicants who graduated from universities where English is not the medium of instruction may be asked to take TOEFL/IELTS.

- TOEFL : Paper-based test (580)

  : Computer-based test (237)

  : Internet-based test (85)]

- IELTS: Result of 6.0

Note: Institution code of NUS-ISS for TOEFL is 2432

Period of Candidature

MTech SE/KE/EBAC:

This masters programme extends over a minimum period of two and half years, and a maximum of five years of part-time study. The programme is also available on a full-time basis over a minimum period of one and half years.

MTech ITL:

This masters programme extends over a minimum period of two years, and a maximum of four years of part-time study. The programme is also available on a full-time basis over a minimum period of one year.

Student Commitment

Candidates must successfully complete the following course components to be awarded the degree:

MTech SE/KE/EBAC:

1. Core courses. Each candidate is required to pass four compulsory core courses (all conducted by ISS) in their area of specialisation (either SE,KE or EBAC).
2. Basic electives. Each candidate is required to pass eight basic elective courses (all conducted by ISS). There is no restriction on the specialisation from which these electives can be selected e.g. SE candidates can take KE electives and vice versa.
3. Advanced electives. Each candidate is required to pass three advanced elective courses, conducted by ISS, FoE or SOC. There is no restriction on the specialisation from which these electives can be selected, but candidates are typically limited to a maximum of one advanced elective conducted by ISS.
4. Project. Each candidate is required to pass a team-based application development project in their area of specialisation (either SE, KE or EBAC).

The Core and Basic Elective units require candidates to attend 20 full-day (Mon – Fri) classes (maximum of 5 full days per semester) and 60 Saturday classes (9:00am – 5:00pm).

In addition, the project will require approximately 40 days of the candidates' own time.

For advanced elective units offered by the Faculty of Engineering or the School of Computing, candidates are required to attend 2-3 hours of lecture per week every semester. Each semester is about 12-13 weeks in duration (excluding exams).

MTech ITL:

To become MTech ITL graduates, candidates will be required to pass the 11 course modules.
In addition, graduates will be required to meet the following criteria:

1. In no two consecutive semesters have a CAP of less than 2.5.
2. In no three consecutive semesters have a CAP of less than 3.0.
3. Achieve a minimum CAP of 3.0 after completing the entire programme.

Examinations

MTech SE/KE/EBAC:

A candidate is evaluated through a combination of coursework, project work and examinations.
Candidates are required to complete a three hour examination for each core or elective course.

Candidates failing a core course will be asked to withdraw. Candidates must achieve a minimum average grade across all examinations to be awarded the degree. Candidates who do not fulfil the minimum requirements of the degree will be considered for the award of the postgraduate diploma.

MTech ITL:

The performance of each MTech ITL candidate will be assessed by a combination of continuous assessment assignments, class participation and mid-term assessments for all the coursework modules taken, and by assessing the output produced by the candidate for the capstone project module.

Exemptions

MTech SE/KE/EBAC:

Candidates may be granted exemptions for the examinations of up to four basic electives, provided they have at least the equivalent of an NUS/NTU 2nd Upper Class Honours degree, and have passed the same or similar subjects.

2.4.2 Graduate Diploma in Systems Analysis

Course Objective

The Graduate Diploma in Systems Analysis programme is designed for graduates who recognise the need to equip themselves with the latest IT knowledge and skills, and wish to advance their careers in their current field. It also provides an opportunity for non-IT graduates in crafting a new career path in the IT industry.

Admission Requirements

Applicants must possess the following pre-requisites:

- Bachelor degree from a recognised university
- Proficiency in the English Language (written and spoken)
- Some work experience preferred

All applicants are required to take an aptitude test. Shortlisted applicants will also need to attend an interview. Foreigners are welcome to apply.

Student Commitment

The programme is an thirteen-month full-time course consisting of two semesters and an industry attachment. Classes will be held from Mondays to Fridays, 9.00 am to 5.00 pm.

Examinations

To be awarded the graduate diploma, trainees must possess a satisfactory performance in continuous assessments, examinations, projects, industrial attachment and meet the minimum Cumulative Average Point (CAP) set by NUS.

2.5 Financial Assistance and Awards

The Accenture Gold Medal and Book Prize is awarded to the best student successfully completing the Master of Technology (Software Engineering) course. The SPH Gold Medal & Book Prize is awarded to the best student successfully completing the Master of Technology (Knowledge Engineering) course.

The IBM Gold Medal & Prize is awarded to the best student in the Graduate Diploma in Systems Analysis course. The ISS Prize is awarded to the student who is second in the examination. The Accenture Prize is awarded to the best internship team in the course.