

DIPLOMA IN COMPUTER ENGINEERING (T13)

Course Overview

With more and more companies embarking on digitalising their processes and businesses, there is a growing demand for talent from the field of Computer Engineering, including digital solutions that are the rage today.

Hence, this course which covers not just the traditional Computer Engineering areas, but also emerging fields such as the Internet of Things (IoT), data analytics, artificial intelligence, cyber security and smart manufacturing, will empower you to become part of the vital talent pool that supports the next phase of Singapore's economic transformation.



Furthermore, this course emphasises both hardware and software, as well as the integration of both, which means you will have a competitive edge over purely software or purely hardware-skilled professionals.

You will also be prepared for internationally recognised industry certification examinations such as those from National Instruments, UI Path, Microsoft and Unity3D, get opportunities for year-long internships offered by GovTech, and have the option to join a direct pathway programme leading to a university degree from SUTD.

To download a copy of our 4-page course brochure, click [here](#).



IN-DEMAND SKILLS

Stay in demand with this course that gives you skills and knowledge to meet the increasing digitalisation needs at the workplace.



DIVERSE CURRICULUM

Broad-based curriculum offers graduates a flexible and wide range of choices for further studies at either local or overseas universities.



SCHOLARSHIP OPPORTUNITIES

Gain access to scholarships from both industry and the government.

Entry Requirements

To be eligible for consideration for admission, applicants must obtain 26 points or better for the net ELR2B2 aggregate score (i.e. English Language, 2 relevant subjects and best 2 other subjects, including CCA Bonus Points) and meet the minimum entry requirements of this course. CCA cannot be used to meet the minimum entry requirements.

Subject	Grade
English Language (EL1)*	1-7
Mathematics (E or A)	1-6
Any one of the following subjects^	1-6
Any two other subjects (except CCA)	-
2022 Planned Intake	100
Net ELR2B2 aggregate range (2021 JAE)	9 - 14

Note: Applicants should not be suffering from complete colour vision deficiency, uncontrolled epilepsy, profound hearing loss or severe vision impairment.

* SPM / UEC holders must have a minimum of grade 6 for the Bahasa Inggeris (English Language) subject.

^ List of acceptable subjects: Biology, Biotechnology, Chemistry, Combined Science, Computing/Computer Studies, Design & Technology, Electronics/Fundamentals of Electronics, Physics/Engineering Science, Science (Chemistry, Biology), Science (Physics, Biology), Science (Physics, Chemistry)/Physical Science.

What You'll Learn

- YEAR 1
- YEAR 2
- YEAR 3
- TPFUN

Get a clear understanding of engineering fundamentals and discover your competancies, interests and career aspirations through lab work, industrial visits and hands-on learning opportunities, which will prepare you for your next 2 years.

Core Subjects			
Subject Code	Subject	Credit Units	
EEE1001	Circuit Analysis This subject provides a good foundation in DC and AC network analysis. You will learn the basic principles of electric circuitry and how to apply circuit theorems to analyse DC and AC networks.	6	⬆
ESE1006	Computer Programming for Problem Solving This subject covers the process of decomposing a problem into a sequence of smaller abstractions. The abstractions are implemented in software in a structured top-down approach. Software implementation includes the process of designing, writing, testing, and debugging program code.	4	⬆
EEE1003	Digital Fundamentals 1 This subject provides basic knowledge of digital electronics and circuits. Topics include number systems, operations and codes, logic gates, Boolean algebra and logic simplification, combinational logic, functional blocks, latches and flip-flops.	5	⬆
EEE1004	Digital Fundamentals 2	5	⬆

	<p>This subject builds upon the fundamentals of digital electronics acquired in Digital Fundamentals 1. It introduces the digital concepts of the various building blocks in a computer's digital system. You will acquire the theoretical and practical knowledge of registers, counters, memory devices, and conversions between digital and analogue signals and integrated circuit technologies. Digital troubleshooting techniques are also explored in the laboratory work.</p>		
EEE1002	<p>Electronic Devices & Circuits</p> <p>This subject covers the theory and practical knowledge of electronic devices such as diodes, bipolar junction transistors, field effect transistors and their applications. It also focuses on the fundamentals of operational amplifiers and their applications, and the rudiments of circuit troubleshooting and testing.</p>	6	^
EED1001	<p>Electronic Prototyping</p> <p>This subject introduces you to the use of hand tools and standard laboratory equipment for the construction and testing of electronic prototypes. You will also learn to identify basic electronic components for project work and how to use them to build electronic devices.</p>	3	^
EMA1003	<p>Engineering Mathematics 1</p> <p>This subject introduces the concepts in algebra and trigonometry that are fundamental to an engineering course. Topics include expressions and equations, functions and graphs, trigonometry, complex numbers, matrices and vectors. These also constitute pre-requisite knowledge for a course in Calculus.</p>	4	^
EMA1002	<p>Engineering Mathematics 2</p> <p>This subject introduces the basic concepts of calculus and statistical method to test a hypothesis. Basic concepts in calculus include limits, derivatives and integrals. Applications of the derivative and integrals in engineering will be discussed. Basic statistical method in hypothesis testing includes normal distribution, confidence interval of population mean and procedure to test hypothesis for a claim made about a population mean.</p>	4	^
ESC1004	<p>Engineering Physics</p> <p>This subject covers a spectrum of fundamental physics laws and concepts applicable to the scope of engineering physics. It covers a few core areas including Mechanics, Energy, Thermal Physics, Electromagnetism, Waves & Optics and Materials. This subject provides a foundation for a further in depth study of the various engineering disciplines.</p>	3	^

Envision and build smart IoT systems through the power of technology. Tap on hardware such as microcontrollers, sensors and actuators, utilise software systems such as ddatabase and enterprise applications and integrate them with programming, networking and artificial intelligence.

Core Subjects			
Subject Code	Subject	Credit Units	
ESE3012	<p>Artificial Intelligence & Machine Learning</p> <p>This subject will provide you with the fundamental concepts of Artificial Intelligence (AI) and Machine Learning (ML). It will cover knowledge and skills in AI techniques and tools to build intelligent learning models from real-world data, through training, testing, validation and optimisation. Through hands-on group projects, you will build AI-based applications to add intelligence to existing systems.</p>	4	^
ESE1008	<p>Data Visualisation & Analytics</p> <p>This subject covers the data analytics lifecycle, including gathering, cleaning, processing and visualising of data. Exploratory data analysis methods, descriptive and predictive analytics, and the presentation of insights, will also be covered.</p>	3	^
EMA2003	<p>Engineering Mathematics 3</p>	4	^

	This subject introduces Ordinary Differential Equations (ODE). In particular, it focuses on the formulation of engineering problems into first and second order differential equations. Some techniques in solving ODE and the applications of ODE will be discussed, including the use of Laplace Transforms and the calculation of Fourier series.		
ESE3014	Full Stack Development <p>This subject will provide you with the basic knowledge of full stack application development. Full stack (web or mobile stack) refers to the development of both the front-end and the back-end portions of an application, thereby introducing all the necessary steps from conceptualisation of the application idea to the implementation of the final product. The subject will cover the various aspects of designing and implementing the client-end application as well as the design, implementation of a database, and the appropriate retrieval of the data, from the client application through a business logic layer.</p>	4	^
ESE3013	Intelligent Automation <p>This subject will provide you with basic knowledge and hands-on digital transformation skills on rapid multi-experience application development and integration of users, tasks and systems towards enhancing productivity, human augmentation and automatic data-driven decision-making. It will cover techniques on how to leverage on data from information systems and Internet of Things (IoT) devices for agile response and productivity. This subject will enable you to automate data-driven decision making through integration of advanced analytics and learning models to applications.</p>	3	^
EMC2006	Internet of Things Project <p>This subject equips you with the knowledge and skills required for implementing the new paradigm in which things interact with things, people and the Internet or information systems. The subject provides knowledge, skills and design approaches in using embedded systems, sensors, actuators and appropriate data communication technologies such as sensor networks, edge and cloud computing to achieve such interaction. A systems engineering approach will be adopted, under which you will review key technologies from prior learning for the different levels of the IoT (Internet of Things) stack and figure out how these different levels could be integrated to form complete IoT systems.</p>	4	^
EMC3006	Microcontroller Applications <p>This subject provides you with working knowledge on microcontroller architecture, the features and characteristics of the internal peripherals in the microcontroller, such as interrupts, Timer and PWM, in order to design and implement an embedded system that involves hardware and software interfacing. The subject also covers the features of evolving microcontrollers that support Internet of Things (IoT) applications.</p>	5	^
ESE2004	Object-oriented Programming <p>This subject equips you with a good understanding of software design and development process. Important phases of the software development process will be covered. More emphasis will be placed on object-oriented software design using UML (Unified Modelling Language), software documentation and testing methodologies in order to gear you towards a more practice-oriented industry.</p>	5	^

Cluster Elective Subjects

Students must choose the same Elective Cluster in both Year 2 and Year 3

Advanced Engineering Skills Elective Cluster			
Subject Code	Subject	Credit Units	
EED3014	Advanced Skills Practices <p>This subject provides opportunities for you to integrate and apply your knowledge for high level competitions or projects in practical learning situations. The project or skills training can involve substantial work related to either a high level industrial program or an end-user product, as well as advanced training to develop technical abilities to execute specific tasks competitively. It could also involve the development, evaluation of workable designs and implementation of ideas related to an innovative product suitable for manufacturing, or an improvement to existing products or processes. You may be required to work on software, hardware, or a combination of both hardware and software.</p>	8	^

Industrial Internet Of Things Elective Cluster

Subject Code	Subject	Credit Units	
EMC3005	System & Network Integration This subject equips you with the knowledge and skills essential for integrating heterogeneous subsystems into a smart system. The subject will adopt a systems engineering approach to examine current and emerging trends, key techniques and strategies for developing system and network integration solutions. You will be exposed to integration challenges such as legacy integration, human-system integration and system of system integration. Commonly used industrial connectivity standards and fieldbuses, as well as relevant hardware and software interfaces suitable for such integration, will also be covered. A mini-project will provide opportunity for you to apply your prior learning on embedded systems and programming along with those acquired in this subject to solve a system integration problem.	4	^

Intralogistics & Cybersecurity

Subject Code	Subject	Credit Units	
BLO2010	Distribution Centre Management This subject provides an overview of the role of a Distribution Centre (DC) in the supply chain. It also covers the various activities performed within a DC and the significance of these activities on customer service and total logistics costs. It focuses on the major resources to be applied in a DC and explains how they interact with one another in contributing to the DC's effectiveness and efficiency. It will also cover the significance of providing DC services to the Third-Party Logistics industry.	4	^

Virtual Reality Elective Cluster

Subject Code	Subject	Credit Units	
EDM2010	3D Modelling for Virtual Reality This subject covers theories and skills for 3D modelling and basic animation. You will be equipped with an understanding of the fundamentals of how 3D software tools work, and gain experience in completing a 3D modelling and animation production development cycle. The subject uses a practice-oriented approach to equip you with the skills to develop 3D assets, create a virtual environment and enhance realism with appropriate lighting, texturing techniques and advanced render setting.	4	^

YEAR 1

YEAR 2

YEAR 3

TPFUN

You are now ready to embark on your Student Internship Programme and Major Project where you will apply the knowledge and skills you have acquired.

Core Subjects

Subject Code	Subject	Credit Units	
EMP3002	Major Project In this subject, you will work in teams to integrate and apply your skills and knowledge to implement your projects in a practical work-and-learn environment. Besides research, design, analytics, project management, communication and problem solving skills, the emphasis will also be on innovation, teamwork and self-learning.	8	^

Cluster Elective Subjects

Students must choose the same Elective Cluster in both Year 2 and Year 3

Advanced Engineering Skills Elective Cluster

Subject Code	Subject	Credit Units	
EED3014	Advanced Skills Practices This subject provides opportunities for you to integrate and apply your knowledge for high level competitions or projects in practical learning situations. The project or skills training can involve substantial work related to either a high level industrial program or an end-user product, as well as advanced training to develop technical abilities to execute specific tasks competitively. It could also involve the development, evaluation of workable designs and implementation of ideas related to an innovative product suitable for manufacturing, or an improvement to existing products or processes. You may be required to work on software, hardware, or a combination of both hardware and software.	8	^

Industrial Internet Of Things Elective Cluster

Subject Code	Subject	Credit Units	
ECC2013	Mobile Device Applications Development This subject covers the development of applications on mobile and wireless computing platforms. It provides an overview of Mobile Web and Mobile Applications, their importance and benefits, as well as the technologies and methodologies for their development, such as the architectures, frameworks, standards, programming languages, design process and tools.	4	^

Intralogistics & Cybersecurity Elective Cluster


Subject Code	Subject	Credit Units	
CCF2C02	IOT Security This subject covers the knowledge and skills required to analyse and troubleshoot IoT vulnerabilities and threats. You will use latest technologies to perform risk assessments and recommend mitigation strategies for common security issues in IoT systems.	4	^

Virtual Reality Elective Cluster

Subject Code	Subject	Credit Units	
EDM3004	Interactive Programming for Virtual Reality This subject covers the fundamental theories and practical skills of 3D interactive design and development. It includes topics such as scripting for 3D assets with behaviour and interactivity, lighting, audio, animating 3D objects, user interfaces and deployment of the interactive applications. You will build upon the foundational skills you have acquired in 3D modelling, texturing and programming from previous semesters to create interactive and real-time applications such as Virtual Reality and Augmented Reality.	4	^






University Pathway Programme (SUTD)

Subject Code	Subject	Credit Units	
ESE3015	Computational Thinking for Design This subject covers programming both in the architectural design and computing contexts targeted at novice programmers. It will introduce students to programming and design computing skills that are essential for their studies. Students will learn visual programming and python programming together with design concepts, and will apply these skills in related projects.	4	^

EMA3002	Modelling & Analysis <p>The main objective of this subject is to provide students firm foundations of single variable calculus so that they can apply calculus to model, solve and analyse applied math problems. It aims to motivate students on the importance of calculus through a plethora of applications in engineering, physical and biological sciences, computer science, finance, economics, probability and statistics and other topics. On top of the basic concepts, techniques and applications of two branches of calculus - differentiation and integration, students will also learn to use simple software to implement numerical methods in calculus.</p>	4	
ESC3002	Physical World <p>This subject provide students with the ability to understand and explain the inner mechanism of the physical world based on the principles of mechanics and thermodynamics. It aims to help students appreciate the beauty of physics and enable them to apply key concepts learnt to evaluate and address physics-based problems to make a positive impact on the world. By using concepts established through simplified mathematical models, reverse engineering case studies and experiential learning through hands-on demonstrations, connections between physics concepts and theoretical models are reinforced with practice.</p>	4	
ECS3003	Global Humanities: Literature, Philosophy & Ethics <p>This subject examines stories as a way to understand ourselves and our world. Some of these stories have endured for centuries and spread far beyond their locus of origin. They raise questions that resonate with our lives even today. This subject will equip you with critical reading, thinking, and writing skills by exploring different ways of reading and interpreting classic texts. You will learn to identify the connections between various texts and between thinkers in history – ranging from those in ancient China and Greece to those in contemporary Singapore.</p>	4	

Special Electives







Students can opt to take Special Electives when offered. These optional subjects aim to stretch the students' potential to enable them to meet their aspirations. They are taken in addition to the diploma elective cluster subjects.






Special Electives			
Subject Code	Subject	Credit Units	
EED3009	Special Project 1 <p>The focus of this subject is on the application of students' existing domain knowledge to develop a deliverable. The subject will introduce new skills and knowledge specific to the project, as and when required.</p>	2	
EED3010	Special Project 2 <p>This subject provides opportunities for students to apply the acquired knowledge and skills, along with their fundamental and in-depth knowledge from different subjects to designing, developing, and implementing a well-engineered project solution.</p>	2	
EED3011	Higher Engineering Skills 1 <p>Higher Engineering Skills 1 and 2 aim to impart some special design and hands-on skills that allow you to acquire knowledge and skills that are not normally incorporated into a diploma programme. These Special Elective subjects will equip you with the skills and knowledge to participate in competitions and enable you to tackle real challenges.</p>	2	
EED3012	Higher Engineering Skills 2 <p>Higher Engineering Skills 1 and 2 aim to impart some special design and hands-on skills that allow you to acquire knowledge and skills that are not normally incorporated into a diploma programme. These Special Elective subjects will equip you with the skills and knowledge to participate in competitions and enable you to tackle real challenges.</p>	2	
EMA3001	Higher Engineering Mathematics <p>The subject introduces mathematical concepts and techniques used in advanced engineering courses. You will learn topics in calculus such as limits and continuity, infinite series, improper integrals, multiple integrals, higher order differential equations, 2D and 3D analytic geometry, and partial differentiation.</p>	4	

You will also undergo TP Fundamentals (TPFun) – a set of subjects that equips you with the crucial life skills you need to navigate the modern world as an agile and forward-thinking individual, and team player.

TP Fundamentals (TPFun) Subjects

Subject Code	Subject	Credit Units	
GTP1301	Current Issues & Critical Thinking <p>This subject covers current issues, including diverse local and global concerns, that will impact lives and may have critical implications for Singapore. There will be opportunities to build competence through self-directed learning, communicate and collaborate in active discussions and objectively analyse issues using digital and information literacy skills and critical thinking scaffolds.</p> <p>This subject aims to provide students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • apply critical thinking tools to examine current issues. • effectively search for relevant information from a variety of sources. • evaluate research information. • cite sources to support their views. • articulate an informed opinion about current issues. 	3	^
ETX1001	Effective Communication <p>This subject introduces the fundamentals of effective communication. It also covers how to communicate with and convince an audience through writing and speaking tasks. The skills in this subject will include the application of strategies for communication, appropriate vocabulary, language features, visual aids, tone and style. The Message, Audience, Purpose and Strategy (MAPS) framework will also be applied when planning and engaging in written and verbal communication. There will be opportunities to communicate and collaborate through active learning activities, apply digital and information literacy skills and build competence through self-directed learning.</p> <p>This subject aims to equip students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • apply the factors that influence effective communication. • structure a compelling point of view through a writing task. • express their ideas convincingly to an audience in an oral presentation. 	3	^
ETX1002	Professional Communication <p>This subject covers professional communication skills for the workplace and employability skills in the areas of career preparation. It covers communication and interpersonal skills, including effective virtual communication etiquette, and conducting oneself professionally in the workplace. In addition, essential career preparation skills such as resume writing and interview skills, needed to seek and secure work would be included. The Message, Audience, Purpose and Strategy (MAPS) framework would also be applied when engaging in written and verbal communication. There will be opportunities to communicate and collaborate through active learning activities, apply digital and information literacy skills and build competence through self-directed learning.</p> <p>The subject aims to equip students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • communicate effectively in the workplace using principles of effective written communication and interpersonal skills. • apply effective job search and interview skills in their career preparation. 	3	^
GTP1101	Leadership Fundamentals <p>This subject focuses on self-leadership based on the values of integrity, respect, and responsibility. Increasing awareness of self and others will lay the foundations for personal and relationship effectiveness. Consequential thinking, clear articulation of personal values and visions, emphatic listening, and collaboration in serving others are some of the essential skills covered in this leadership journey. There will be opportunities to build and to apply the concepts of being a values-centred leader.</p> <p>The aim of this subject is to guide students to:</p> <ul style="list-style-type: none"> • design a personal growth plan based on strengths, values and purpose. • apply the attributes of logical and emotional intelligence to improve team effectiveness. • identify the key messages of respect in relationships. • apply the principles of effective personal financial management. 	2	^

GTP1102	Leadership in Action <p>This subject focuses on Service Learning as an experiential platform to apply the tenets of Self and Team Leadership. Service Learning will be the capstone project for this subject, which will require an analysis of the diverse needs of the community, collaboration with community partners and demonstration of learning, including key elements of empathy. There will be opportunities to build and to apply the concepts of being a values-centred leader.</p> <p>This subject aims to equip students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • plan and carry out a project to demonstrate empathy towards people in a diverse community. • apply diploma core knowledge and skills through the Service Learning platform to address community needs. • reflect on the Service Learning experience when working in teams and with community partners. 	1	
GTP1201	Career Readiness CARE1 <p>This subject focuses on personal management skills. It develops an understanding of one's career interests, values, personality and skills for career success. It covers the necessary knowledge, skills and attitudes needed to succeed in the workplace and achieve professional goals. There will be exposure to apply digital and information literacy skills, build competence through self-directed learning methods and acquire the skills of being a lifelong learner.</p> <p>This subject aims to equip students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • analyse personal characteristics that can contribute positively to achieving personal, educational and career goals. • make career decisions that are aligned with their interests, skills and values. 	1	
GTP1202	Career Readiness CARE2 <p>This subject focuses on career management skills. It covers the importance of workplace readiness skills to adapt and respond to the changing job market environment. Career ownership and continuous learning for lifelong employability will be emphasised. There will be exposure to apply digital and information literacy skills, build competence through self-directed learning, and acquire the skills of being a lifelong learner.</p> <p>This subject aims to equip students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • identify their work profiles to help them in their career choices in a changing job market environment. • take career ownership for continuous learning and lifelong employability. 	1	
LSW1002	Sports & Wellness <p>The subject enables students to build a good foundation for healthy living. Students will have the opportunity to participate in hands-on practical sessions where they will experience and develop both physical and technical skills in their chosen sports or fitness activities. Through a structured curriculum that facilitates group participation, practice sessions and mini competitions, students will be able to build lifelong skills such as resilience, leadership, communication and teamwork. Physical activity sessions will also be supplemented by health-related topics that span the dimensions of health, such as diet, nutrition, stress and weight management, to provide students with a holistic approach to healthy living. This subject also prepares students to be self-directed and accountable for lifelong learning for good health.</p>	2	
EIN1001	Innovation & Entrepreneurship <p>The subject is designed for learners from all disciplines to embrace innovation in either their specialised field or beyond. Learners will be taught to apply the Design Thinking framework to develop problem statements, ideate and identify feasible solutions. Learners will be exposed to several tools for prototyping. In addition, commercial awareness will be imbued in learners through various innovation and entrepreneurship concepts or tools. This subject also prepares students to be self-directed lifelong learners who are digital and information literate. It nurtures communicative and collaborative citizens who can use objective analysis in problem-solving.</p>	2	
EGS1002	Global Studies	3	

	<p>This subject provides essential skills and knowledge to prepare students for an overseas experience. They will examine the elements of culture and learn the key principles of cross-cultural communication. In addition, they will gain an appreciation and awareness of the political, economic, technological and social landscape to function effectively in a global environment. The subject prepares students to be responsible citizens and leaders who can contribute to the global community through effective communication and collaboration.</p>		
EGS1003	<p>Managing Diversity at Work*</p> <p>This subject explores the concepts of identity, diversity and inclusion at the workplace. It examines the relationship between identity and diversity, the benefits and challenges of diversity and the strategies that promote inclusion and inspire collaboration in a diverse workplace. Examples of the elements of diversity covered in this subject include nationality, generation, ethnicity and gender. The subject prepares students to be responsible citizens and leaders who can contribute to the global community through effective communication and collaboration.</p>	3	
EGS1004	<p>Global Citizenship & Community Development*</p> <p>Students will examine the meaning and responsibilities of being a Global Citizen, in order to contribute towards a more equitable and sustainable world. In addition, students will learn how sustainable solutions can support community development, and, execute and critique a community action plan that addresses the needs of a specific community/cause. The subject prepares students to be responsible citizens and leaders who can contribute to the global community through effective communication and collaboration.</p>	3	
EGS1005	<p>Expressions of Culture*</p> <p>This subject provides a platform for an understanding of culture and heritage through modes of expression. Students will be introduced to global and local cultures via everyday objects, places and human behaviour seen through time and space. Students will explore issues and challenges in culture and heritage sustainability in community, national and global contexts. The subject prepares students to be responsible citizens and leaders who can contribute to the global community through effective communication and collaboration.</p>	3	
GTP1302	<p>Guided Learning</p> <p>The subject introduces students to the concepts and process of self-directed learning in a chosen area of inquiry. The process focusses on four stages: planning, performing, monitoring and reflecting. Students get to plan their individual learning project, refine and execute the learning plan, as well as monitor and reflect on their learning progress and project. The learning will be captured and showcased through a curated portfolio. The self-directed learning project will broaden and/or deepen a student's knowledge and skills. Students will enhance their problem solving and digital literacy skills through this subject.</p>	3	
ESI3001	<p>Student Internship Programme</p> <p>This structured programme is designed to link your learning with the real work environment. You will be placed in organisation(s) with opportunities to apply the concepts and skills acquired in the course of your study. Besides reinforcing technical concepts and mastering of skills in areas that you have been trained, the practical training will enable you to build important skills such as problem-solving, communication, teamwork, and to cultivate good attitude and a strong work ethic.</p>	12	

*Students must choose one of these three electives under the 'Global Studies 2' subject, or take 'Guided Learning'

GRADUATION REQUIREMENTS

Cumulative Grade Point Average	min of 1.0
TP Fundamentals Subjects	36 credit units
Diploma Core Subjects	81 credit units
Diploma Cluster Elective Subjects	min 8 credit units
Total Credit Units Completed	125 credit units