

SAIGON INSTITUTE OF TECHNOLOGY



ACADEMIC YEAR 2018 - 2019

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MISSION AND VISION



SaigonTech's Mission is to combine education, training, research and development with engineering services to effectively contribute to Vietnam's continuing technology expansion, with focus on the fields of Information Technology and Business Administration.

In our effort to coordinate student learning and career opportunities with the essential needs of the Vietnamese labor market, SaigonTech constantly seeks new and innovative approaches to the study of information technology.

SaigonTech rigorously executes its mission with total focus on the workforce's needs, which are effective Development, appropriate Deployment, and guided Direction.

SaigonTech's vision is a quest for innovation in the Management of Intellectual Resources. The innovative idea of "managing by servicing" has been proven the best tool for growth.

SaigonTech, an Institute of Technology, founded on the belief that the abundant raw talents in Vietnam can be transformed into a world class workforce through the incubation of proper educational services opportunities for hands-on project engineering, and practical participation in research and development.

At SaigonTech, instructors practice self-improvement, managers learn to assist their subordinates, and students learn to excel through the services rendered by faculty and management.

HISTORY OF SAIGONTECH

SaigonTech is the trading name of Saigon College, formerly known as Saigon Information Technology College, founded in 2001. In 2004, the school was renamed to Saigon Technology College, and upgraded to Saigon Vocational College in 2007. In 2017, the school was again renamed to Saigon College for the purpose of providing the best information technology program but at the most reasonable cost to students wishing to enjoy the quality of international education in Vietnam.

In 2003, a Partnership Agreement was signed between the Institution and Houston Community College System (HCC), allowing it to offer the Associate in Applied Science (AAS) program in Information Technology. The new Affiliation Agreement between SaigonTech and HCC signed in 2007 has enabled SaigonTech to offer academic courses in Business Administration, Marketing, International Business, Accounting, Geographic Information Sciences and to award an AAS degree of HCC, which is accredited by SACS (Southern Association of Colleges and Schools).

At the meeting on Education Initiatives, Houston, Texas, USA on June 26, 2008, attended by representatives of more than 60 American universities, businesses, investors and social organizations, Prime Minister Nguyen Tan Dung spoke highly of the successful educational cooperation between Houston Community College and SaigonTech. The Prime Minister strongly encouraged American educators to develop similar programs (HCC-SaigonTech) in Vietnam and also expressed his hopes to see a duplication of the model coming.

Starting with 50 Information Technology graduates in 2005; up to now, more than 2,000 students have been awarded an American AAS degree in Information Technology or Business Administration. In order to increase student enrolment, foster quality teaching/learning and student services, we are striving to expand our training programs and upgrade the school infrastructure. SaigonTech is committed to improving the quality of teaching and learning in Vietnam and to providing learning opportunities for those who are capable of pursuing a university degree and want to do it. Combining theory with

practice to maximize every student's potential, we equip students with a ready-for work package upon graduation: critical thinking, interpersonal skills, professional knowledge, and a caring heart.

In order to ensure each student's success, SaigonTech always challenges itself to help students inside as well as outside the classroom constraints. Since 2005, twelve classes have graduated from SaigonTech and many of them have become very successful academically and/ or professionally in Vietnam and in other countries. This is an obvious demonstration of how our goals can be realized. Along with the enthusiastic cooperation of international partner schools, SaigonTech always strives to achieve our ultimate goal: becoming a top-ranked institute of technology.

2016 is not only a milestone which marked the 15th anniversary of the school establishment but also the starting point of SaigonTech's second take-off. In this departure, SaigonTech positions itself as a pioneer of applying science and technology in teaching and learning; concentrate on expanding our training programs in science of technology; and become a leading university in Vietnam, Southeast Asia, and Asia.

SaigonTech Important Milestones

- 2001 Established with the mission to train human resources for the cause of international quality in Information Technology and Business Management
- 2003 First successfully accredited by SACS, being the first accredited tertiary institute in Vietnam
- 2005 Commencement Ceremony for Intake 1
- 2009 \$20m-SaigonTech Tower Inauguration Ceremony
- 2012 Successfully re-accredited by SACS
- 2017 16 years introducing American education to Vietnamese students

HCC AND SAIGONTECH PARTNERSHIP AGREEMENT

In 2003, Saigon Institute of Technology (SaigonTech) entered into a Partnership Agreement with Houston Community College (HCC) to jointly offer courses for HCC credit that will apply to the Associate in Applied Science (AAS) degrees in Computer Science Technology and Computer & Information Science Technology. Consequently in 2007, the Partnership Agreement between SaigonTech and HCC was extended, enabling SaigonTech to offer AAS programs in Business Administration, Marketing, International Business, Accounting, and Geographic Information Systems.

The Partnership Agreement contractually commits SaigonTech to delivering the programs offered by the Computer Science Technology Department and Business Department at HCC. Under this contract, SaigonTech students will be awarded credits on their HCC transcript for their academic work in the same manner as HCC students in Houston. All other courses will be transferred to HCC following the evaluation and approval of SPANTRAN, an HCC-approved foreign transcript evaluation agency.



In effect, this contractual agreement allows SaigonTech students to earn an HCC degree by studying in Vietnam.

Following is an excerpt from the Partnership Agreement between SaigonTech and HCC:

HCC HEREBY AGREES TO:

1. *provide curriculum models for identified degree programs.*
2. *accept all the credit hours earned by students at SaigonTech towards an AAS degree at HCC under the terms of this Contract.*
3. *provide model course syllabi appropriate to each degree program being offered at SaigonTech.*
4. *assist in providing listings of the required textbooks and instructional materials for.*
5. *evaluate examination procedures and results for quality control.*
6. *provide continuing counsel, advice, and direction on all matters concerning the degree program.*
7. *inform SaigonTech, on a timely basis, of all curricula and other changes that may affect the program.*
8. *pursue possible development of other degree programs with SaigonTech.*
9. *accept SaigonTech students who want to pursue AAS degrees at HCC, Texas. These students must satisfy the admission requirements for international students including a TSI and English Placement Test (if they do not have a valid certificate of TOEFL iBT ≥ 61 or IELTS ≥ 5.5).*
10. *provide regular and appropriate information to SaigonTech concerning the academic progress and performance of their former students while those students attend HCC.*
11. *HCC will support a faculty exchange program that is mutually agreeable to both institutions.*



STUDY PROGRAMS

The Houston Community College programs offered at SaigonTech provide students with a strong basis of specialized knowledge via applicable teaching system, continuously updated with modern technological trends worldwide, as well as the guidance of the experts in the field. SaigonTech instructors have solid working experiences and are recruited under strict requirements of HCC. With Houston Community College's Associate of Applied Science (AAS) degree, SaigonTech students confidently prove their abilities to work or study in the USA and other countries all over the world.

SaigonTech offers 3 main applicable programs whose trainees are in massive need, including:

- Business Administration: Marketing General, Business Management, & International Business
- Information Technology: Digital Gaming and Stimulation, Computer programming - Applications development - Java, Network Systems and Cyber Security Specialization, Computer Systems Networking - MS Administration
- Electronic Engineering Technology: Computer Engineering Technology Specialization



Key differences:

- 100% English speaking environment
- American programs and syllabus are continuously updated
- International internship in Europe and Japan

General Education Requirements

General education offers students a wide range of opportunities to acquire the skills and knowledge necessary to have a broad understanding of a changing world, to become valued citizens in a complex and culturally diverse world, and especially to reach their education goals.

The general education block for each program must contain a minimum of 15 college credit hours. These must be taken from the following categories:

- | | |
|-------------------------------|-------|
| • Humanities/Fine Arts | 3 SCH |
| • Social/Behavioral Science | 3 SCH |
| • Math/Natural Science | 3 SCH |
| • General Education Electives | 6 SCH |

INFORMATION TECHNOLOGY PROGRAM

Digital Gaming and Simulation

Document design for a solo game
Document design for a team project
Game or simulation development based on the solo/team design documentation.

Computer programming - Applications development - Java

Basic and advance Java programming
Targeting programming
Database design and management (MS SQL, Oracle, MySQL)
Web design and programming (HTML/CSS/JavaScript/XML)
Mobile programming

Network Systems and Cyber Security Specialization

Security fundamentals
Wireless network security protections
Workstations, servers, and other networking devices
Vulnerabilities and generate vulnerability reports
Security industry accepted tools
Firewalls and Virtual Private Networks

Computer Systems Networking - MS Administration

Cisco CCNA technology
Microsoft Windows installation and support
Computer maintenance
MS Windows Server infrastructure installation, management, and maintenance
MS Windows Server operating system management and maintenance
Basic programming
Web development
Information security

ELECTRONICS ENGINEERING TECHNOLOGY PROGRAM

Computer Engineering Technology Specialization

Digital fundamentals
Digital logic with Verilog design
Advance chip design
Microprocessor and microcontroller programming
Basic computer organization and embedded systems
Embedded Linux
Linux device drivers

BUSINESS ADMINISTRATION PROGRAM

Marketing General

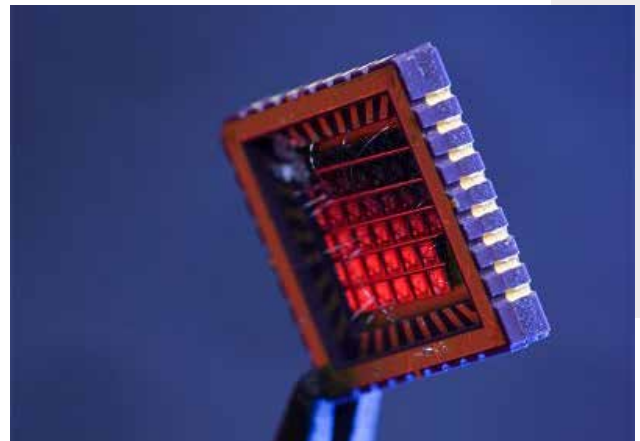
Principles of Marketing
Marketing research
Marketing strategy
E-commerce
Advertising
Services Marketing
Principles of Sales
Retail and consumption
International Marketing management
Company foundation and operation management

Business Management

Business
Supervisor
Accounting principles
Human resource management
Business laws and contracts
Personal finance
Organizational behavior
Small business management

International Business

International commerce and trading
Imports and exports
International Marketing management
Small business management
International supply chain management



ENRICHMENT COURSES FOR ALL SPECIALIZATIONS:

W-ENT 1001	Entrepreneurship
W-PA 1002	Plagiarism Awareness
W-SPCH 1003	Public Speaking
W-SPCH 1003	Public Speaking
ITSE-SGT 1345	Introduction to Oracle SQL
MBPR 1401	Mobile Programming
ITCC-SGT 1404	Cisco Exploration 2-Routing Protocols and Concepts
ITCC-SGT 2408	Cisco Exploration 3-LAN Switching and Wireless

DIGITAL GAMING AND SIMULATION FOR PROGRAMMERS AAS (2018-2019)

YEAR 1

First Semester

EDUC	1300	Learning Framework	3
GAME	1306	Design and Creation of Games	3
GAME	1378	Art for 2D Games	3
GAME	1379	Introduction to Game Programming	3
MATH	1314	College Algebra	3

15

Second Semester

XXXX	#3##	Humanities/Fine Arts/General Education Elective	3
GAME	1304	Level Design I	3
GAME	1336	Introduction to 3D Game Modeling	3
GAME	2347	Advanced Game Programming	3
GAME	2302	Mathematical Applications for Game Development	3

15

Third Semester

GAME	2373	2D Game Programming	3
XXXX	#3##	Social/Behavioral Sciences/General Education Elective	3

6

YEAR 2

First Semester

GAME	2319	Game Engine	3
GAME	2304	Level Design II	3
GAME	2332	Project Development I	3
GAME	2342	Game Development Using C++	3

12

Second Semester

XXXX	#3##	Math/Natural Science/General Education Elective	3
GAME	2308	Portfolio for Game Development	3
GAME	2334	Project Development II	3
GAME	2341	Game Scripting	3

12

Program Total

60

- XXXX #3## Math/Natural Science /General Education Elective: MATH 1314 College Algebra, MATH 1324 Math for Business and Social Sciences
- XXXX #3## Social/Behavioral Science /General Education Elective: SOCI 1301 Introduction to Sociology, ECON 2302 Principles of Microeconomics

DIGITAL GAMING AND SIMULATION FOR ARTISTS – AAS (2018-2019)

YEAR 1

First Semester

EDUC	1300	Learning Framework	3
GAME	1306	Design and Creation of Games	3
GAME	1378	Art for 2D Games	3
GAME	1373	Introduction to Perspective Drawing	3
GAME	1336	Introduction to 3D Game Modeling	3

15

Second Semester

or [	ARTS	1303	Art History I OR	3
	ARTS	1304	Art History II	
	GAME	1302	Interactive Storyboarding	3
	GAME	1375	Principles of Game Concept Art	3
	GAME	1304	Level Design I	3
	GAME	2336	Lighting, Shading, and Texture	3

15

Third Semester

XXXX	#3##	Math/Natural Science /General Education Elective	3
XXXX	#3##	Social/Behavioral Science /General Education Elective	3

6

YEAR 2

First Semester

GAME	1314	Character Sculpting	3
GAME	2332	Project Development I	3
GAME	1374	Introduction to 3D Game Animation	3
GAME	2304	Level Design II	3

12

Second Semester

GAME	2374	3D Rigging for Games and Simulations	3
GAME	2334	Project Development II	3
GAME	2308	Portfolio for Game Development	3
PSYC	2301	General Psychology	3

12

Program Total

60

- XXXX #3## Math/Natural Science /General Education Elective: MATH 1314 College Algebra, MATH 1324 Math for Business and Social Sciences
- XXXX #3## Social/Behavioral Science /General Education Elective: SOCI 1301 Introduction to Sociology, ECON 2302 Principles of Microeconomics

**COMPUTER PROGRAMMING - APPLICATIONS DEVELOPMENT
JAVA - AAS (2018 - 2019)**

YEAR 1

First Semester

EDUC	1300	Learning Framework	3
ENGL	1301	Composition I	3
MATH	1314	College Algebra	3
BCIS	1305	Business Computer Applications	3
COSC	1436	Programming Fundamentals I (with Java)	4
			16

Second Semester

MATH	1324	Mathematics for Business & Social Sciences	3
COSC	1437	Programming Fundamentals II (with Java)	4
ITSE	1346	Database Theory and Design OR ITSE 1345 Introduction to Oracle SQL	3
XXXX	#3##	General Education Elective	2
			12

Third Semester

XXXX	#3##	Humanities/Fine Arts Elective	3
			3

YEAR 2

First Semester

ITSE	2402	Intermediate Web Programming	4
COSC	2436	Programming Fundamentals III (with Java)	4
INEW	2438	Advanced Java Programming	4
XXXX	#3##	Program Approved Business Elective	3
			15

Second Semester

INEW	2434	Advanced Web Programming	4	
XXXX	#3##	Social/Behavioral Science/General Ed Elective	3	
or	ITSE	1380	Cooperative Education – Computer Programming/ Programmer, General*	
XXXX	#4##	Program Approved IT Elective	4	
			14	

Program Total 60

- Humanities/Fine Arts Electives: Must choose three hours from ARTS, DANC, DRAM, ENGL Literature, Foreign Language 2311, 2312, HUMA, MUAP, MUSI, or any PHIL (except 2303)
- Social & Behavioral Sciences Electives: Must choose three hours from ANTH (2302, 2346, or 2351), ECON, GEOG, GOVT, HIST, PSYC (except 2317), or SOCI.
- Math/Science Electives: Must choose three hours from ANTH 2301, ASTR, BIOL, CHEM, DANC 2325, ENVR, GEOG 1301, GEOL, MATH, PHYS, or PSYC 2317.
- Program Approved Business Electives include: ACCT 2301, ACCT 2302, BUSG 1301, BUSG 2305, BUSG 2317, BMGT 1301, BMGT 1303, BMGT 1325, ECON 1301, ECON 2301, ECON 2302, HRPO 1311, or HRPO 2307.
- Program Approved IT Elective: ITNW 131, ITSY 1342, ITSE 2471, ITSE 2333, INEW 2475, COSC 2436.

NETWORK SYSTEMS AND CYBER SECURITY SPECIALIZATION (2018-2019)

The goal of the Network Systems and Cyber Security is to train and educate students in the various technical areas associated with Computer Network Operations that encompasses Computer Network Defense, Computer Network Exploitation, and Computer Network Attacks. Students will be able to:

- Understand the security fundamentals required to help safeguard computer networks;
- Implement wireless network security protections;
- Identify and counteract attacks on workstations, servers, and other networking devices;
- Identify vulnerabilities, discuss their resolutions, and generate vulnerability reports
- Install and utilize various security industry accepted tools.
- Install and configure firewalls and Virtual Private Networks.

YEAR 1

First Semester

EDUC	1300	Learning Framework	3	
ENGL	1301	Composition I	3	
MATH	1341	College Algebra	3	
or	BCIS	1305	Computer Business Applications	
	ITNW	1425	Fundamentals of Networking Technologies	
	ITCC	1414	CCNA 1: Introduction to Networks	4
	ITMT	1358	Windows Client Operating System	3
			16	

Second Semester

XXXX	#3##	Humanities/Fine Arts/General Education Elective	3
XXXX	#3##	Social/Behavioral Sciences Elective	3
ITSC	1307	UNIX Operating System I	3
ITMT	1357	Administering a Windows Server Operating System	3
COSC	1436	Programming Fundamentals 1	4
			16

Third Semester

ITSY	1342	Information Technology Security	3
			3

YEAR 2

First Semester

XXXX	#3##	Social/Behavioral Sciences/General Education Elective	3
ITNW	1313	Computer Virtualization	3
ITSY	2330	Intrusion Detection	3
ITSY	2401	Firewalls and Network Security	4
			13

Second Semester

ITSY	2443	Computer System Forensics	4
ITSY	1491	Special Topics in Computer Systems Network & Telecommunications	4
ITSY	2471	Cyber Competitions	4
			12

Program Total **60**

- Humanities/Fine Arts Electives: Must choose three hours from ARTS, DANC, DRAM, ENGL Literature, Foreign Language 2311, 2312, HUMA, MUAP, MUSI, or any PHIL (except 2303)
- Social & Behavioral Sciences Electives: Must choose three hours from ANTH (2302, 2346, or 2351), ECON, GEOG, GOVT, HIST, PSYC (except 2317), or SOCI.

YEAR 1

First Semester

	EDUC	1300	Learning Framework	3	
or	[	ITSC	1309	Integrated Software Applications I	
		BCIS	1305	Computer Business Applications	3
	MATH	1314	College Algebra	3	
	ITSC	1425	Personal Computer Hardware	4	
or	[	ITNW	1425	Fundamentals of Networking Technologies	
		ITCC	1414	CCNA 1: Introduction to Networks	4
				17	

Second Semester

	ENGL	1301	Composition I	3
	ITMT	1358	Windows Client Operating System	3
	ITMT	1305	Configuring Advanced Window Server Operating Systems	3
	ITMT	2305	Designing and Implementing a Server Infrastructure	3
				12

Third Semester

	SPCH	#3##	SPCH Elective, SPCH 1311, 1321 or 1315	3
	ITSC	1319	Internet/Web Page Development	3
				6

YEAR 2

First Semester

	XXXX	#3##	Social/Behavioral Sciences Elective	3
	ITNW	1313	Computer Virtualization	3
	ITMT	1357	Administering a Windows Server Operating System	3
	COSC	1436	Programming Fundamentals I	4
				13

Second Semester

	XXXX	#3##	Humanities/Fine Arts Elective	3	
	ITSY	1342	Information Technology Security	3	
	ITSY	2330	Intrusion Detection	3	
or	[ITNW	1380	Cooperative Education - Computer Systems Networking and Telecommunications	
		ITNW	2335	Network Troubleshooting and Support	3
				12	

Program Total

60

- Humanities/Fine Arts Electives: Must choose three hours from ARTS, DANC, DRAM, ENGL Literature, Foreign Language 2311, 2312, HUMA, MUAP, MUSI, or any PHIL (except 2303)
- Social & Behavioral Sciences Electives: Must choose three hours from ANTH (2302, 2346, or 2351), ECON, GEOG, GOVT, HIST, PSYC (except 2317), or SOCI.

MARKETING GENERAL SPECIALIZATION – AAS (2018 – 2019)

YEAR 1

First Semester

EDUC	1300	Learning Framework	3
ENGL	1301	Composition I	3
MRKG	1311	Principles of Marketing	3
HRPO	1311	Human Relations	3
IBUS	1354	International Marketing Management	3

15

Second Semester

	BMGT	1327	Principles of Management	3	
	MRKG	1302	Principles of Retailing	3	
or	[	MRKG	2312	e-Commerce Marketing	
		MRKG	2371	Services Marketing	3
		MRKG	1391	Special Topics in Business Marketing and Management	3
		MATH	1324	Mathematics for Business & Social Sciences	3

15

YEAR 2

First Semester

	MRKG	2348	Marketing Research and Strategies	3	
	ECON	2302	Principles of Microeconomics	3	
	XXXX	#3##	Humanities/Fine Arts/General Education Elective	3	
or	[	ACNT	1303	Introduction to Accounting I	
		ACCT	2301	Principles of Financial Accounting	3
		XXXX	#3##	Approved General Education Elective	3

15

Second Semester

	MRKG	2372	Consumer Behavior	3
	MRKG	2333	Principles of Selling	3
	MRKG	2349	Advertising and Sales Promotion	3
	MRKG	2380	Cooperative Education I - Marketing/Marketing Management, General	3
	MRKG	2374	Marketing Case Studies	3

15

Program Total

60

- Humanities/Fine Arts Electives: Must choose three hours from ARTS, DANC, DRAM, ENGL Literature, Foreign Language 2311, 2312, HUMA, MUAP, MUSI, or any PHIL (except 2303)
- Social & Behavioral Sciences Electives: Must choose three hours from ANTH (2302, 2346, or 2351), ECON, GEOG, GOVT, HIST, PSYC (except 2317), or SOCI.

BUSINESS MANAGEMENT SPECIALIZATION – AAS (2018 – 2019)

YEAR 1

First Semester

	EDUC	1300	Learning Framework	3	
	ENGL	1301	Composition I	3	
or	[	BUSG	1301	Introduction to Business	
		BUSI	1301	Business Principles	3
or	[	MATH	1324	Mathematics for Business & Social Sciences	
		MATH	1314	College Algebra	3
		BMGT	1327	Principles of Management	3
				15	

Second Semester

	BMGT	1301	Supervision	3
	HRPO	1311	Human Relations	3
	MRKG	1311	Principles of Marketing	3
	BUSG	1370	Personal Financial Planning	3
	BMGT	1341	Business Ethics	3
				15

YEAR 2

First Semester

or	[	ACNT	1303	Introduction to Accounting I	
		ACCT	2301	Principles of Financial Accounting	3
		ECON	2302	Principles of Microeconomics	3
or	[	BUSI	2301	Business Law I	
		BUSG	2305	Business Law/Contracts	3
		BCIS	1305	Business Computer Applications	3
		XXXX	#3###	Humanities/Fine Arts Elective	3
				15	

Second Semester

	HRPO	2301	Human Resource Management	3
	HRPO	2307	Organizational Behavior	3
	XXXX	#3###	General Education Elective	3
	BUSG	2380	Cooperative Education – Business/Commerce, General	3
	BUSG	2309	Small Business Management/Entrepreneurship	3
				15

Program Total **60**

- Humanities/Fine Arts Electives: Must choose three hours from ARTS, DANC, DRAM, ENGL Literature, Foreign Language 2311, 2312, HUMA, MUAP, MUSI, or any PHIL (except 2303)
- Social & Behavioral Sciences Electives: Must choose three hours from ANTH (2302, 2346, or 2351), ECON, GEOG, GOVT, HIST, PSYC (except 2317), or SOCI.

INTERNATIONAL BUSINESS – AAS (2018 – 2019)

YEAR 1

First Semester

EDUC	1300	Learning Framework	3
ENGL	1301	Composition I	3
IBUS	1305	Introduction to International Business and Trade	3
IBUS	1354	International Marketing Management	3
BUSG	1301	Introduction to Business	3

15

Second Semester

IBUS	1301	Principles of Exports	3
IBUS	1300	Global Logistics Management	3
XXXX	#3##	General Education Elective	3
BUSG	1307	Entrepreneurship and Economic Development	3
IBUS	1341	Global Supply Chain Management	3

15

YEAR 2

First Semester

IBUS	2335	International Business Law	3
MATH	1324	Mathematics for Business & Social Sciences	3
IBUS	1370	Economic Geography	3
IBUS	1302	Principles of Imports	3
XXXX	#3##	Humanities/Fine Arts Elective	3

15

Second Semester

MRKG	2312	e-Commerce Marketing	3		
IBUS	2339	International Banking and Finance	3		
ECON	2302	Principles of Microeconomics	3		
IBUS	1191	Special Topics in International Business – Certified Global Business Professional Exam Business Preparation Course	1		
or	[IBUS	2280	Cooperative Education – International Business/Trade/Commerce	
		IBUS	1291	Special Topics in International Business	2
		IBUS	2341	Intercultural Management	3

15

Program Total

60

- Humanities/Fine Arts Electives: Must choose three hours from ARTS, DANC, DRAM, ENGL Literature, Foreign Language 2311, 2312, HUMA, MUAP, MUSI, or any PHIL (except 2303)
- Social & Behavioral Sciences Electives: Must choose three hours from ANTH (2302, 2346, or 2351), ECON, GEOG, GOVT, HIST, PSYC (except 2317), or SOCI.

COURSE DESCRIPTIONS

ACCT 2301 Principles of Financial Accounting

Credits: 3 (3 lecture)

This course covers the fundamentals of financial accounting, including double-entry accounting and the accounting cycle. Other topics include cash, receivables, inventories, plant assets, liabilities, partnerships, corporation, investments, statement of cash flows and interpretation of financial statements.

ACNT 1303 Introduction to Accounting I

Credits: 3 (3 lecture)

A study of analyzing, classifying, and recording business transactions in a manual and computerized environment. Emphasis on understanding the complete accounting cycle and preparing financial statements, bank reconciliations, and payroll. Coverage also includes the fundamental principles of double-entry bookkeeping, financial statements, trial balances, worksheets, special journals, adjusting entries and closing entries.

BCIS 1305 Business Computer Applications

Credits: 3 (3 lecture, 3 lab)

Computer terminology, hardware, software, operating systems, and information systems relating to the business environment. The main focus of this course is on business applications of software, including word processing, spreadsheets, databases, presentation graphics, and business-oriented utilization of the Internet.

BMGT 1301 Supervision

Credits: 3 (3 lecture)

A study of the role of the supervisor. Managerial functions as applied to leadership, counseling, motivation, and human skills are examined.

BMGT 1327 Principles of Management

Credits: 3 (3 lecture)

Concepts, terminology, principles, theories, and issues in the field of management.

BMGT 1341 Business Ethics

Credits: 3 (3 lecture)

Discussion of ethical issues, the development of a moral frame of reference, and the need for an awareness of social responsibility in management practices and business activities. Includes ethical corporate responsibility.

BUSG 1301 Introduction to Business

Credits: 3 (3 lecture)

Fundamental business principles including structure, functions, resources, and operational processes.

BUSG 1307 Entrepreneurship and Economic Development

Credits: 3 (3 lecture).

Overview of entrepreneurship as an economic development strategy. Includes community support systems for entrepreneurs.

BUSG 1370 Personal Financial Planning

Credits: 3 (3 lecture)

An exploration of financial planning that emphasizes topics of personal interest but also have application to business financial planning topics. Topics include budgeting, bank accounts and account reconciliation, individual retirement accounts, loans, investments, debt management, real estate, insurance, wills, trusts, and taxes.

BUSG 2305 Business Law / Contracts

Credits: 3 (3 lecture)

Principles of law which form the legal framework for business activity including applicable statutes, contracts, and agency.

BUSG 2380 Cooperative Education - Business / Commerce - General

Credits: 3 (1 lecture, 20 lab)

Career-related activities encountered in the student area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component.

COSC 1436 Programming Fundamentals I

Credits: 4 (3 lecture, 3 lab)

Introduces the fundamental concepts of structured programming and provides a comprehensive introduction to programming for computer science and technology majors. Topics include software development methodology, data types, control structures, functions, arrays, and the mechanics of running, testing, and debugging. This course assumes computer literacy. This course is included in the Field of Study Curriculum for Computer Science. Core curriculum course.

COSC 1437 Programming Fundamentals II

Credits: 4 (3 lecture, 3 lab)

This course focuses on the object-oriented programming paradigm, emphasizing the definition and use of classes along with fundamentals of object-oriented design. The course includes basic analysis of algorithms, searching and sorting techniques, and an introduction to software engineering processes. Students will apply techniques for testing and debugging software.

COSC 2436 Programming Fundamentals III

Credits: 4 (3 lecture, 3 lab)

Further applications of programming techniques, introducing the fundamental concepts of data structures and algorithms. Topics include recursion, fundamental data structures (including stacks, queues, linked lists, hash tables, trees, and graphs), and algorithmic analysis.

DRAM 1351 - Acting I

Credits: 3 (2 lecture, 2 lab). An introduction to the problems of internal acting technique, creation of visual images, reaction to stimulus, and creation of inner life of character. Scene work: finding beats, developing subtext, and playing intentions. Theatre attendance and/or assistance in college productions required. Required of majors. Open to non-majors. Core Curriculum Course.

ECON 2302 Principles of Microeconomics

Credits: 3 (3 lecture)

Microeconomics examines the fundamentals of the American economy as it relates to business and individual welfare. Emphasis is on basic concepts and theories as they affect domestic and international markets. Microeconomics includes cost and production decisions and discusses the role of competition, monopolies and oligopolies. Core Curriculum Course.

EDUC 1300 Learning Framework

Credits: 3 (3 lecture)

EDUC 1300 is a study of the research and theory in the psychology of learning, cognition, and motivation; factors that impact learning; and application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. In addition, the course focuses on numerous college, career, and life management topics necessary for students to make the most of their college investment. Core curriculum course.

ENGL 1301 Composition I

Credits: 3 (3 lecture)

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis. Note: ENGL 1301 is a pre-requisite for all 2000-level literature courses. Core Curriculum Course.

HRPO 1311 Human Relations

Credits: 3 (3 lecture)

Practical application of the principles and concepts of the behavioral sciences to interpersonal relationships in the business and industrial environment.

HRPO 2301 Human Resources Management

Credits: 3 (3 lecture)

Behavioral and legal approaches to the management of human resources in organizations.

HRPO 2307 Organizational Behavior

Credits: 3 (3 lecture)

The analysis and application of organizational theory, group dynamics, motivation theory, leadership concepts and the integration of interdisciplinary concepts from the behavioral sciences.

HUMA 1301 - Introduction to Humanities I

Credits: 3 (3 lecture)

This stand-alone course is an interdisciplinary survey of cultures focusing on the philosophical and aesthetic factors in human values with an emphasis on the historical development of the individual and society and the need to create. This course satisfies the Creative Arts or Component Area Option of the HCC core.

IBUS 1191 Special Topics in International Business - CGBP Preparation Exam

Credits: 1 (1 lecture)

This course prepares students to sit for the Certified Global Business Professional (CGBP) credential exam. The CGBP designation is recognized internationally as a professional credential for people who work in all fields related to international trade. This course must be taken in the last semester of any International Business program and it was designed to be repeated multiple times to improve student proficiency.

IBUS 1291 Special Topics in International Business

Credits: 2 (1 lecture, 10 lab)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

IBUS 1300 Global Logistics Management

Credits: 3

Global logistics, management processes, procedures, and regulations used in transportation, physical distribution, warehousing, inventory control, materials handling, packaging, plant and warehouse location, risk management, customer service, and networks for logistics, suppliers, and information. Includes decision making and case resolution techniques to solve problems and to develop logistical and information networks for supply chain management appropriate for global corporations.

IBUS 1301 Principles of Exports

Credits: 3 (3 lecture)

Export management processes and procedures. Includes governmental controls and compliance, licensing of products, documentation, commercial invoices, and traffic procedures. Emphasizes human and public relations, management of personnel, finance, and accounting procedures.

IBUS 1302 Principles of Imports

Credits: 3 (3 lecture)

Practices and processes of import management operations. Includes government controls and compliance. Emphasizes the preparation and understanding of import documents such as customs invoices, packing lists, and commercial invoices.

IBUS 1305 Introduction to International Business and Trade

Credits: 3 (3 lecture)

The techniques for entering the international marketplace. Emphasis on the impact and dynamics of sociocultural, demographic, economic, technological, and political-legal factors in the foreign trade environment. Topics include patterns of world trade, internationalization of the firm, and operating procedures of the multinational enterprise.

IBUS 1341 Global Supply Chain Management

Credits: 3 (3 lecture)

International purchasing or sourcing. Includes the advantages and the barriers of purchasing internationally, global sourcing, procurement technology, and purchasing processes. Emphasizes issues of contract administration, location, and evaluation of foreign suppliers, total cost approach, exchange fluctuations, customs procedures, and related topics.

IBUS 1354 International Marketing Management

Credits: 3 (3 lecture)

Analysis of international marketing strategies using market trends, costs, forecasting, pricing, sourcing and distribution factors. Development of an international export/import marketing plan.

IBUS 1370 Economic Geography

Credits: 3 (3 lecture)

A study of material management, government regulations and distribution systems throughout the world as related to economic factors regarding agriculture, manufacturing, and materials utilization.

IBUS 2280 Cooperative Education - International Business / Trade / Commerce

Credits: 2 (1 lecture, 10 lab)

Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component.

**Requires Departmental approval

IBUS 2335 International Business Law

Credits: 3 (3 lecture)

A course in law as it applies to international business transactions in the global political-legal environment. Study of inter-relationships among laws of different countries and the legal effects on individuals and business organizations. Topics include agency agreements, international contracts and administrations, regulations of exports and imports, technology transfers, regional transactions, intellectual property, product liability, and legal organization.

IBUS 2339 International Banking and Finance

Credits: 3 (3 lecture)

A course in international monetary systems, financial markets, flow of capital, foreign exchange, and financial institutions. Topics include export-import payments and financing the preparation of letters of credit, related shipping documentation, and electronic transfers. An introduction to multinational financial decisions, such as financing foreign investment or working capital.

IBUS 2341 Intercultural Management

Credits: 3 (3 lecture)

Cross-cultural comparisons of management and communications processes. Emphasizes cultural geographic distinctions and antecedents that affect individual, group, and organizational behavior. May include sociocultural demographics, economics, technology, political-legal issues, negotiations, and processes of decision making in the international cultural environment.

INEW 2332 Comprehensive Software Project: Coding, Testing, and Implementation

Credits: 3 (2 lecture, 4 lab)

A comprehensive application of skills learned in previous semesters in a simulated workplace. Includes coding, testing, maintenance, and documentation of a complete software and/or hardware solution. This course may be used as a capstone course for a certificate or degree.

INEW 2434 Advanced Web Programming

Credits: 3 (2 lecture, 4 lab)

Web programming using industry-standard languages and data stores.

INEW 2438 Advanced Java Programming

Credits: 4 (2 lecture, 4 lab)

A continuation of advanced JAVA programming techniques such as servlets and advanced graphical functions.

ITCC 1414 CCNA 1: Introduction to Networks

Credits: 4 (2 lecture, 4 lab)

This course covers networking architecture, structure, and functions; introduces the principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations to provide a foundation for the curriculum.

ITMT 1357 Administering a Windows Server Operating System

Credits: 3 (2 lecture, 4 lab). A study of administrative tasks needed to maintain a Windows Server operating system including user and group management, network access and data security. Topics include how to implement, configure and manage Group Policy infrastructure, Group Policy objects (GPOs) using links, security groups, WMI filters, loopback processing, preference targeting and troubleshooting policy application.

ITMT 1305 Configuring Advanced Windows Server Operating Systems

Credits: 3 (2 lecture, 4 lab)

Advanced configuration tasks required to deploy, manage, and maintain a Windows Server operating system infrastructure. Additional topics include fault tolerance, certificate services, and identity federation.

ITMT 1358 Windows Client Operating System

Credits: 3 (2 lecture, 4 lab)

A study of Windows operating system; installation, configuration, and troubleshooting; file management; users accounts and permissions; security features; network connectivity; setup of external devices; optimization and customization; and deployment of application, with hand-on experience.

ITMT 1371 - Windows 7 Configuration

Credits: 3 (2 lecture, 4 lab).

A study of Windows 7 operating system; installation, configuration, and troubleshooting; file management; users accounts and permissions; security features; network connectivity; setup of external devices; optimization and customization; and deployment of application, with hands-on experience.

ITMT 2305 Designing and Implementing a Server Infrastructure

Credits: 3 (2 lecture, 4 lab)

This course covers planning and deploying a server infrastructure; designing and implementing network infrastructure services; designing and implementing network access services and Active Directory infrastructure.

ITNW 1425 Fundamentals of Networking Technologies

Credits: 4 (2 lecture, 4 lab)

Instruction in networking technologies and their implementation. Topics include the OSI reference model, network protocols, transmission media, and networking hardware and software.

ITNW 1313 Computer Virtualization

Credits: 3 (2 lecture, 4 lab)

Implement and support virtualization of clients of servers in a networked computing environment. This course explores installation, configuration, and management of computer virtualization workstation and servers.

ITNW 1380 Cooperative Education - Computer Systems Networking & Telecommunications

Credits: 3

Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component.

ITNW 2335 Network Troubleshooting and Support

Credits: 3 (2 Lecture, 4 lab)

Troubleshoot and support networks with emphasis on solving real world problems in a hands-on environment. Topics include troubleshooting and research techniques, available resources, and network management hard/software.

ITSC 1307 UNIX Operating System I

Credits: 3 (2 lecture, 4 lab)

A study of the UNIX operating system including multi-user concepts, terminal emulation, use of system editor, basic UNIX commands, and writing script files. Topics include introductory systems management concepts.

ITSC 1309 Integrated Software Applications I

Credits: 3 (2 lecture, 2 lab)

Integration of applications from popular business productivity software suites. Instruction in embedding data, linking and combining documents using word processing, spreadsheets, databases, and/or presentation media software. Emphasis is on developing end-user proficiency skills for the workplace.

ITSC 1319 Internet / Web Page Development

Credits: 3 (2 lecture, 4 lab)

Instruction in the use of Internet concepts and the introduction to web page design and web site development.

ITSC 1425 Personal Computer Hardware

Credits: 4 (2 lecture, 4 lab)

Current personal computer hardware including assembly, upgrading, setup, configuration, and troubleshooting.

ITSE 1346 Database Theory and Design

Credits: 3 (2 lecture, 4 lab)

Introduction to the analysis and utilization of data requirements and organization into normalized tables using the four normal forms of database design.

ITSE 1380 Cooperative Education - Computer Programming/Programmer, General

Credits: 3 (1 lecture, 20 lab)

Career-related activities encountered in the student area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component.

ITSE 2402 Intermediate Web Programming

Credits: 4 (2 lecture, 4 lab)

Server-side and client-side techniques for Web development.

ITSY 1342 Information Technology Security

Credits: 3 (2 lecture, 4 lab)

Instruction in security for network hardware, software, and data, including physical security; backup procedures; relevant tools; encryption; and protection from viruses.

ITSY 1491 Special Topics in Computer Systems Network & Telecommunications

Credits: 4

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the information security technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

ITSY 2330 Intrusion Detection

Credits: 3 (2 lecture, 4 lab)

Computer information systems security monitoring, intrusion detection, and crisis management. Includes alarm management, signature configuration, sensor configuration, and troubleshooting components. Emphasizes identifying, resolving, and documenting network crises and activating the response team.

ITSY 2471 Cyber Competitions

Credits: 4 (3 lecture, 3 lab)

This course provides an in-depth understanding of how to effectively protect computer networks. Students will learn the tools and penetration testing methodologies used by ethical hackers.

ITSY 2401 - Firewalls and Network Security

Credits: 4 (3 lecture, 3 lab)

Identify elements of firewall design, types of security threats and responses to security attacks. Use Best Practices to design, implement, and monitor a network security plan. Examine security incident postmortem reporting and ongoing network security activities.

ITSY 2443 Computer System Forensics

Credits: 4 (3 lecture, 3 lab)

In-depth study of system forensics including methodologies used for analysis of computer security breaches. Gather and evaluate evidence to perform postmortem analysis of a security breach.

MATH 1314 College Algebra

Credits: 3 (3 lecture)

Topics include quadratics, polynomial, rational, logarithmic and exponential functions, system of equations, progression, sequences and series, matrices and determinants. A departmental final examination will be given in this course. Core Curriculum Course.

MATH 1324 Mathematics for Business & Social Sciences

Credits: 3 (3 lecture)

A survey of finite mathematics and its application to problems of business and the natural and social sciences. Topics include set theory, probability, an introduction to matrices, linear programming, and an introduction to statistics. Core Curriculum Course.

MRKG 1302 Principles of Retailing

Credits: 3 (3 lecture)

Introduction to the retailing environment and its relationship to consumer demographics, trends, and traditional/nontraditional retailing markets. The employment of retailing techniques and the factors that influence modern retailing.

MRKG 1311 Principles of Marketing

Credits: 3 (3 lecture)

Introduction to the marketing functions: identification of consumer and organizational needs; explanation of economic, psychological, sociological, and global issues; and description and analysis of the importance of marketing research.

MRKG 1391 Special Topics in Business Marketing and Management

Credits: 3 (3 lecture)

Sports and Entertainment Marketing introduces the basic principles of marketing, economic impact, the History, Civilization, of sports and entertainment, careers, as well as legal and business risks involved in the industry. Students will also learn characteristics and buying behaviors of sports consumers as well as entertainment consumers

MRKG 2312 E-Commerce Marketing

Credits: 3 (3 lecture)

This course is an introduction to various e-commerce tools for marketing, communications, market analysis and customer feedback techniques.

MRKG 2333 Principles of Selling

Credits: 3 (3 lecture)

Overview of the selling process. Identification of the elements of the communication process between buyers and sellers. Examination of the legal and ethical issues of organizations which affect salespeople.

MRKG 2348 Marketing Research and Strategies

Credits: 3 (3 lecture)

A simulated marketing environment for experience in marketing decision-making. Provides practical experiences in analyzing marketing cases. Includes dynamic interrelationships among marketing price, channels of distribution, promotion, and product responsibility.

MRKG 2349 Advertising and Sales Promotion

Credits: 3 (3 lecture)

Integrated marketing communications. Includes advertising principles and practices. Emphasizes multi-media of persuasive communication including buyer behavior, budgeting, and regulatory constraints.

MRKG 2371 Services Marketing

Credits: 3 (3 lecture)

An analysis of the principles, methods and problems of marketing for both professional and consumer services. A study of competition, customer service, services design, pricing, services promotion and distribution strategies.

MRKG 2372 Consumer Behavior

Credits: 3 (3 lecture)

A study of buyer motives, reference groups, social class, culture, and family and social interrelationships are examined.

MRKG 2374 Marketing Case Studies

Credits: 3 (3 lecture)

A study of marketing problems and challenges through the use of case histories and actual marketing situations involving advertising, prices, distribution, product selection, client or consumer behavior, marketing training, market segmentation and international marketing.

MRKG 2380 Cooperative Education - Marketing /Marketing Management, General

Credits: 3 (1 lecture, 20 lab)

Career-related activities encountered in the student area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component.

SOCI 1301 - Introduction to Sociology

Credits: 3 (3 lecture)

A survey course which focuses on the nature of human groups in American and world societies, their social and cultural adaptations, and the impact which various social processes may have on their social organization and social change. This course satisfies the Social and Behavioral Sciences or Component Area Option of the HCC core.

SPCH 1315 - Public Speaking

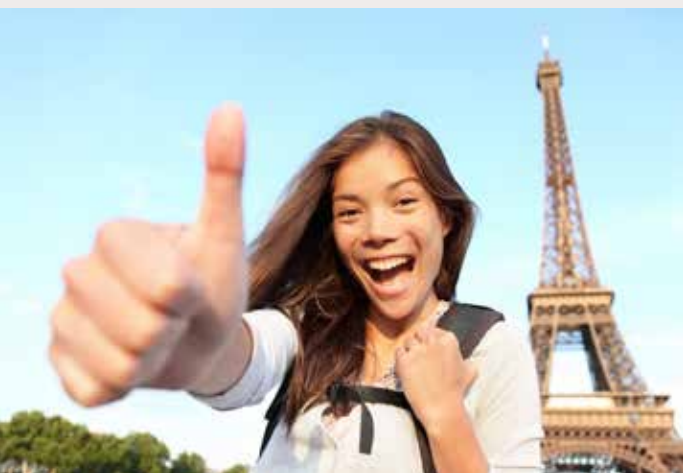
Credits: 3 (3 lecture)

Designed to develop proficiency in public speaking situations; emphasis on content, organization, and delivery of speeches for various occasions. Open to all students. Required for speech majors. Core Curriculum Course.

SPCH 1321 - Business and Professional Communication

Credits: 3 (3 lecture)

Applies the techniques of oral communication to situations most common to business and professional people. Covers discussion methods, conference techniques, committee reports, instructions, lectures, and public speeches. Open to all students. Required for speech majors. Core Curriculum Course.



INTERNATIONAL INTERNSHIPS

SaigonTech students are encouraged to join real companies and work like full time employees to apply their knowledge and skills learnt at school, forming professional working manner in an international environment, which is the certain requirement of any global citizen, during the professional internship in Europe and Japan. This precious working experience will be the student's biggest competitive advantage on their road to a global success in the future.

5 Key Attributes of the program.

- Professional working environment
- Internship position according to major
- Paid salary (depends on country of destination)
- Accumulated working experience, professional skills, and communication skills in international environment.
- Opportunity to live in Europe and Japan to gain living experience, an open mind, ability to adapt, and mature as a global citizen with the most affordable cost.

COMMENCEMENT CEREMONY IN AMERICA

Upon completion of the program, SaigonTech students attend the graduation ceremony and receive an AAS degree at Houston Community College, Texas, USA. The trip is totally sponsored by SaigonTech. This is a chance to communicate with native professors and students, and have memorable life experience in the US. This trip will be a meaningful and unforgettable memory for any students and invaluable experience for their international integration in the future.



“SaigonTech is the place that gives me the big picture of Marketing, the road that I chose to walk on. There will be no other institution where students internships receive such great care of the instructors like at SaigonTech. And I really am grateful for this, thanks to the school introduction and the devotion of the instructors, I got a good internship, then was recruited at Havas Media Corp. right after graduating SaigonTech in June 2015 when I was only 21.”



*Huynh Xuan Trang,
Marketing graduate,
Marketing Specialist
at Havas Media Corp.*

INTERNATIONAL CAREER AND STUDY DEVELOPMENT

Starting at work

The knowledge, creative and independent thinking skills accumulated during the study at SaigonTech and the international intership in Europe and Japan helps students adapt easily into professional working environments and become the key personnel of any domestic and international companies. Moreover, the partner companies and successful SaigonTech alumni network at international corporations will be the bridge for students to reach the best working opportunities, laid out the road to future success.

Study abroad

The standardized American education quality of Houston Community College program at SaigonTech helps students:

- Continue their studies with American universities easily
- Getting valuable scholarships from prestigious American universities



*Pham Vu Thien Kim,
Customer Service Agent,
T-Mobile, Houston, Texas, USA*

My major knowledge, dynamism, and English fluency eased my integration into a new-to-me community when I moved to the USA

Thanks to HCC's degree, I was quickly offered a job at T-Mobile – a leading operator in the telecommunication industry, Houston, Texas, USA

STUDENT SERVICES



Student Service Office (SSO) exists to help students develop creative ideas and implement those ideas. SSO also organizes a wide variety of clubs including Multimedia club, Drama club, Music club, English club etc. together with extra activities such as English contest, Art show, charity activities etc. to enable students to develop their skills comprehensively, get more immersed in student life, expand their network and increase their connectivity with the community.



OOPS office offers free, confidential one-to-one/group counselling services and free workshops to help students walk through their difficulties, including academic concerns, for example, grades, study skills, problems with instructors etc., and personal concerns, for instance, career development, personal self-assessment, and mental health to name a few.

Facility: Modern robot lab, mobile lab, and electronic lab for students to practice and experiment. The library is equipped with twenty thousands book titles and HCC electronic library system. SaigonTech has a multipurpose gym hall, a movie theatre, a canteen inside the building, several football fields and a basketball court next to the campus in the software city.





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