

# DIPLOMA IN GEOMATICS

(MQA/FA 5052)



**GEOSPATIAL**  
SCIENCE & TECHNOLOGY COLLEGE  
DK 307 (W)

\*for ONLINE application please log on to

**www.gstc.edu.my**

info@gstc.edu.my



019 - 3322914  
019 - 3322913

\* For more information please contact



## Mapping Your Future Here

### WHY CHOOSE GSTC?

# 7

- Strategic Location
- High-Tech Facilities
- Quality Assurance
- Competitive Fees
- Marketable Programmes
- Assistive Student Loan
- Vibrant and Dynamic Environment

Accredited By:



### GUARANTEED JOB PLACEMENT

464 LICENSED LAND SURVEYOR &  
OTHER CONSTRUCTION COMPANIES



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GEOSPATIAL SCIENCE AND TECHNOLOGY COLLEGE DK 3017 (W)  
JPT/BPP(D)1000-701/576

LEVEL 2 & 3 WISMA LEMBAGA JURUKUR TANAH (LJT),  
LORONG PERAK, PUSAT BANDAR MELAWATI,  
53100 KUALA LUMPUR

Tel. No : 03 - 41628751 / Fax : 03 - 41623752

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# DIPLOMA IN GEOMATICS

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## PROGRAMME OBJECTIVES

- To produce a graduate with good geomatical knowledge and practical skills that is applicable to the industry.
- To produce a geomatics / land surveying assistant who is able to work in the land surveying / geomatics field and construction industry.
- To produce a competent geomatics / land surveying assistant who is able to face challenges both locally and internationally.
- To forge a geomatics / land surveying assistant with good ethics, responsible towards the society and keen to life-long learning practice.

## ADMISSION REQUIREMENTS

- Passed SPM/SPMV with minimum THREE (3) credits including Mathematics; **OR**
- Passed STPM/Matriculation; **OR**
- SKM level 3: Geomatics and Land Surveying and passed SPM certificate; **OR**
- Any equivalent qualifications recognized by the Malaysian Government and Lembaga Jurukur Tanah Malaysia.

## COURSE SYLLABUS

### FIRST YEAR

Pengajian Malaysia I • English • Introduction to Basic Surveying • Mathematics I • Computer Aided Drafting • Surveying Technology • Mathematics II • Public Speaking • Surveying Computations • Engineering Surveying I • Cadastral Surveying I • Geodesy • Professional Ethics.

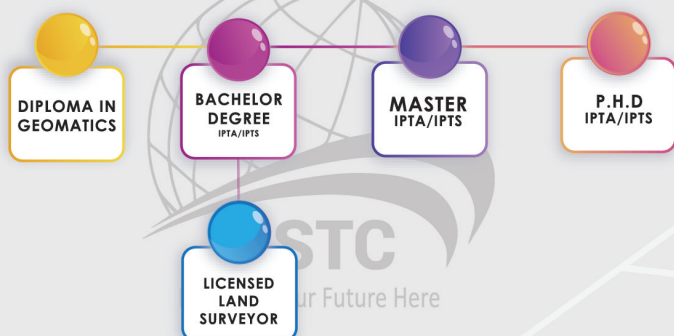
### SECOND YEAR

Ethnic Relations • Engineering Surveying II • Astronomy for Land Surveyors • Cadastral Surveying II • Overview of GNSS • Coordinate Systems • Photogrammetry • Electro Magnetic Locator • Hydrography • Satellite Positioning Techniques • Surveying Analysis • Survey Regulations • Digital Cartography • Community Services.

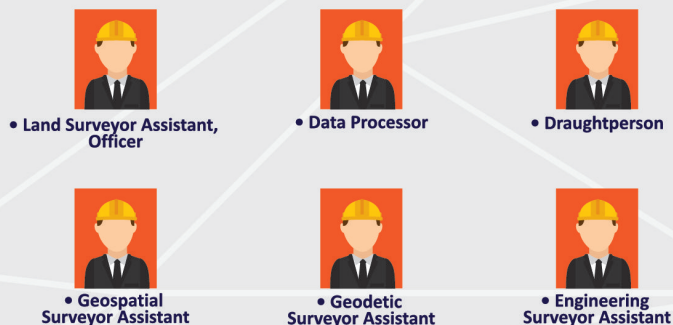
### THIRD YEAR

Industrial Training - Practical • Industrial Training - Seminar • Survey Camp • Digital Photogrammetry • Ground Penetrating Radar • Hydrographic Techniques and Procedures • Entrepreneurship • Land Laws • Project Management • Introduction to GIS and RS.

## EDUCATION PATHWAY



## CAREER PROSPECTS



## PROGRAMME DURATION



### DURATION

- 6 Semesters
- 3 years



### STUDY LOAN

- KWSP
- STATE GOVERNMENT\*
- TABUNG PEMBIAYAAN PENDIDIKAN(TPP)



### COURSE HANDLING

- LECTURE
- TUTORIAL
- SITE VISIT
- LABORATORIES
- WORKSHOPS
- E LEARNING
- SURVEY CAMP
- STUDIO

**INTENSIVE ENGLISH CLASS  
/ MATHEMATICS  
FREE**