

## DEPARTMENT OF MATHEMATICS & STATISTICS

### ONLINE SHORT COURSES:

- MATLAB (BEGINNER)
- MATLAB (INTERMEDIATE)
- R (BEGINNER)
- R (INTERMEDIATE)
- SPSS (BEGINNER)
- SPSS (INTERMEDIATE)
- MISSING DATA ANALYSIS
- REGRESSION AND TIME SERIES
- INTRODUCTION TO DATA SCIENCE
- APPLIED SAMPLING

### STARTING

3<sup>RD</sup> JANUARY 2022

**DELIVERY MODE:** ONLINE ONLY

CERTIFICATE OF PARTICIPATION  
AWARDED UPON COMPLETION

**FOR REGISTRATION OR  
FURTHER INFORMATION:**

E-mail:

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**SEE INDIVIDUAL COURSE  
FLYERS BELOW FOR  
SCHEDULE AND COSTS**

## DEPARTMENT OF MATHEMATICS & STATISTICS

### ONLINE SHORT COURSES IN MATLAB

MATLAB is a programming/computing platform used by engineers and scientists to analyse data, develop algorithms, and create models. It is interactive, easy to learn and is useful for performing advanced mathematical computations and data visualization

**ENHANCE YOUR FUTURE TODAY!!!**

**DELIVERY MODE:** ONLINE ONLY

CERTIFICATE OF PARTICIPATION  
AWARDED UPON COMPLETION OF  
THE COURSE

**12 CONTACT HOURS**

### MATLAB (BEGINNER)

- 3<sup>RD</sup> – 8<sup>TH</sup> JANUARY 2022 (3PM-5PM)

### MATLAB (INTERMEDIATE)

- 10<sup>TH</sup>–15<sup>TH</sup> JANUARY 2022(3PM-5PM)

### COST PER COURSE:

- **TTD\$1500 / USD\$300** (Standard)
- **TTD\$1300 / USD\$250** (SPECIAL: For early payment before 17<sup>th</sup> December 2021)
- **TTD\$1200** (SPECIAL: For groups of 10+ from the same institution. Valid for each of the 10+ registrations to any of the short courses)

**NOTE: TTD COST APPLICABLE TO CARICOM TERRITORIES. USD COST APPLICABLE TO NON-CARICOM TERRITORIES**

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## DEPARTMENT OF MATHEMATICS & STATISTICS

### ONLINE SHORT COURSES IN R

R is a popular statistical computing software which uses a programming environment to interpret and analyze data. It is the tool of choice for statisticians and data scientists alike and can suit the data analysis needs of various professional fields and industries.

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THE COURSE

**12 CONTACT HOURS**

### R (BEGINNER)

- 3<sup>RD</sup> – 8<sup>TH</sup> JANUARY 2022(5PM-7PM)

### R (INTERMEDIATE)

- 10<sup>TH</sup>–15<sup>TH</sup> JANUARY 2022(5PM-7PM)

### COST PER COURSE:

- **TTD\$1500 / USD\$300** (Standard)
- **TTD\$1300 / USD\$250** (SPECIAL: For early payment before 17<sup>th</sup> December 2021)
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## DEPARTMENT OF MATHEMATICS & STATISTICS

### ONLINE SHORT COURSES IN SPSS

SPSS (Statistical Package for the Social Science) is a popular statistical software used to interpret and analyze data. Its ease of use, flexibility and scalability make SPSS accessible to users of all skill levels.

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CERTIFICATE OF PARTICIPATION  
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THE COURSE

**12 CONTACT HOURS**

#### SPSS (BEGINNER)

- 3<sup>RD</sup> – 8<sup>TH</sup> JANUARY 2022(7PM-9PM)

#### SPSS (INTERMEDIATE)

- 10<sup>TH</sup>–15<sup>TH</sup> JANUARY 2022(7PM-9PM)

#### COST PER COURSE:

- **TTD\$1500 / USD\$300** (Standard)
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## DEPARTMENT OF MATHEMATICS & STATISTICS

### ONLINE SHORT COURSE IN MISSING DATA ANALYSIS

This course exposes students to being able to identify the different types of missing data. It also looks at the different methods of addressing data through listwise deletion, mean substitution and multiple imputation techniques. We use the R software to illustrate these methods for missing data analysis.

**ENHANCE YOUR FUTURE TODAY!!!**

**DELIVERY MODE:** ONLINE ONLY

CERTIFICATE OF PARTICIPATION  
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THE COURSE

**15 CONTACT HOURS**

### MISSING DATA ANALYSIS

- 6<sup>TH</sup>, 7<sup>TH</sup> AND 10<sup>TH</sup> JANUARY 2022  
AT 9AM - 12PM AND 1PM - 3PM

### COST PER COURSE:

- **TTD\$2000 / USD\$350** (Standard)
- **TTD\$1800 / USD\$300** (SPECIAL: For early payment before 17<sup>th</sup> December 2021)
- **TTD\$1500** (SPECIAL: For groups of 10+ from the same institution. Valid for each of the 10+ registrations to any of the short courses)

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## DEPARTMENT OF MATHEMATICS & STATISTICS

### ONLINE SHORT COURSE IN REGRESSION AND TIME SERIES

This course provides individuals with skills for proficiency in research and statistics, and to learn to communicate and reason statistically. It would increase knowledge and requisite skills on the use of SPSS and enable participants to make the most of this software package while allowing them to work independently with SPSS on their data and provide a solid foundation for data analysis work.

**ENHANCE YOUR FUTURE TODAY!!!**

**DELIVERY MODE:** ONLINE ONLY

CERTIFICATE OF PARTICIPATION  
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THE COURSE

**15 CONTACT HOURS**

### REGRESSION AND TIME SERIES

- 12<sup>TH</sup> – 14<sup>TH</sup> JANUARY 2022  
AT 9 AM - 12 PM AND 1PM - 3PM.

### COST PER COURSE:

- **TTD\$2000 / USD\$350** (Standard)
- **TTD\$1800 / USD\$300** (SPECIAL: For early payment before 17<sup>th</sup> December 2021)
- **TTD\$1500** (SPECIAL: For groups of 10+ from the same institution. Valid for each of the 10+ registrations to any of the short courses)

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## DEPARTMENT OF MATHEMATICS & STATISTICS

### ONLINE SHORT COURSE IN INTRODUCTION TO DATA SCIENCE

This is an introductory course in Data Science that gives the participant a brief overview of the main techniques in data science.

The course is hands on, and all methods will be illustrated using real datasets.

**ENHANCE YOUR FUTURE TODAY!!!**

**DELIVERY MODE:** ONLINE ONLY

CERTIFICATE OF PARTICIPATION  
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THE COURSE

**15 CONTACT HOURS**

### INTRODUCTION TO DATA SCIENCE

• 3<sup>RD</sup> – 5<sup>TH</sup> JANUARY 2022

AT 9AM - 12PM AND 1PM - 3PM

### COST PER COURSE:

- **TTD\$2000 / USD\$350** (Standard)
- **TTD\$1800 / USD\$300** (SPECIAL: For early payment before 17<sup>th</sup> December 2021)
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## DEPARTMENT OF MATHEMATICS & STATISTICS

### ONLINE SHORT COURSE IN APPLIED SAMPLING

This course aims to deliver ideas of sampling from an applied perspective and to provide experience with real-life problems and data. The course will cover the main techniques used in actual sampling practice and will also use SPSS to illustrate data entry from questionnaires, as well as, perform data analysis.

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CERTIFICATE OF PARTICIPATION  
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THE COURSE

**12 CONTACT HOURS**

### APPLIED SAMPLING

- 17<sup>TH</sup> - 20<sup>TH</sup> JANUARY 2022  
AT 5PM - 8PM

### COST PER COURSE:

- **TTD\$2000 / USD\$350** (Standard)
- **TTD\$1800 / USD\$300** (SPECIAL: For early payment before 17<sup>th</sup> December 2021)
- **TTD\$1500** (SPECIAL: For groups of 10+ from the same institution. Valid for each of the 10+ registrations to any of the short courses)

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