



Republic of the Philippines
Department of Education
Region XI
SCHOOLS DIVISION OF DIGOS CITY
Digos City



Division Advisory No. 070 s. 2019
June 27, 2019

In compliance with DepEd Order No. 8, 2013
this Advisory is issued not for endorsement per DO 28, s. 2001,
but for the information of DepEd officials,
personnel/staff, as well as the concerned public.
(Visit www.deped.gov.ph)

**Research Writing, Statistical Analysis and Qualitative
Data Analysis Seminar-Workshop**

1. DECS Order No. 28, s. 2001 authorizes this Department/Division to disseminate information on suggested competitive events, scholarship and training opportunities for our teachers, students, and pupils. These are issued as ADVISORIES, purely for field information. Participation is on the basis of personal judgment, time, and resources.
2. Attached is a copy of a letter from Mr. Joseph Mythor D. Francisco, Training Coordinator of Strategic Research and Development Center, Inc., inviting personnel from This Division to join the Research Writing, Statistical Analysis and Qualitative Data Analysis Seminar-Workshop on November 12-20, 2019 at Brokenshire Hotel-Resort & Convention Center, Davao City.
3. Details are in the enclosure.
4. For information and dissemination.


WINNIE E. BATOON, EdD
Officer in Charge

Office of the Schools Division Superintendent

DepEd Schools Division of Digos City
RECORDS SECTION
RELEASED 35405
DATE: 27 JUN 2019 TIME: 11:25
BY: f

Encls: Invitation letter from Joseph Mythor D. Francisco
Course Outline
Program of Activities

xsf: research writing, statistical analysis and qualitative~
27 June 2019

E-MAILED LETTER

INVITATION FOR DAVAO CITY RESEARCH AND STATISTICAL/QUALITATIVE DATA ANALYSIS SEMINAR-WORKSHOP

Inbox

Irish of STRAND-Asia via yahoo.com

to me

Schools Division of Davao City
RECORDS SECTION
RECEIVED 35485
DATE: 9 JUN 2019
BY: 3:55 PM (5 minutes ago)

Mr. Winee Batoon

Schools Division Superintendent,, Schools Division Superintendent

DepEd Digos City

***Strategic Research and Development Center Inc. and
Davao Association of Catholic Schools invites you to join***

**RESEARCH WRITING, STATISTICAL
AND QUALITATIVE DATA ANALYSIS SEMINAR-WORKSHOP**

Dear Mr. Batoon,

The Strategic Research and Development Center Inc. (Strand-Asia Inc.) is an authorized reseller and a training institution for IBM SPSS here in the Philippines. Strand-Asia Inc. is also a market research company that caters both local and international client.

Strand-Asia Inc. has been operating for 8 years now. Our main goal as a training institution (for IBM SPSS) is to educate and shape the analytical intelligence of our participants when it comes to both research and statistics. Our vision is to have a significant impact on the capacity and knowledge of our participants in research and statistics.

The in-depth seminar-workshops aims to gather participants who are writing their research paper, academician (secondary, tertiary and postgraduate) and government employees whose job is to write a research and analyze data.

Our main objective for the *Research Writing and Statistical Analysis In-depth Seminar Workshop* is to teach the practice and art of research writing and statistical analysis. The in-depth-seminar workshop aims to teach

the participants the standard of research writing, different methods of data collection, sampling, question writing, questionnaire design and the preparation of data for analysis. Furthermore, the seminar-workshop will also introduce participants to statistical analysis, it will exhaustively and thoroughly discuss the underlying assumptions and the research question that each statistical test answers.

Our main objectives for *Quantitative and Qualitative Statistical Analysis In-depth Seminar-Workshop* is to build a clear foundation and understanding of how participants will utilize statistical tests. This seminar-workshop will introduce both parametric tests and non-parametric tests including regression analysis. By the end of the seminar-workshop participants will easily distinguish which statistical test will help solve the research problem. Furthermore, introduce participants on how to analyze open-ended question that will provide depth to their research and findings. Years ago, qualitative analysis is difficult and many debates on how to analyze qualitative data surfaced. This seminar-workshop aims to introduce a new method in analyzing qualitative data easily.

For *Intermediate Statistical Analysis Seminar-Workshop*, our main objective is to teach the practice the art of statistical analysis and build a clear foundation and understanding of how participants may utilize statistical tests that will be presented and discussed during the seminar-workshop. This seminar-workshop will introduce parametric tests, non-parametric tests, regression analysis, and complex statistical analysis. By the end of the seminar-workshop participants will easily distinguish which statistical test will help solve the research problem.

In lieu to this, we are bringing our seminars in **Davao City**, this coming **November 2019**, at **BROKENSHIRE HOTEL-RESORT & CONVENTION CENTER** Brokenshire Heights, Madapo, Davao City.

COURSE TITLE	DATE	FEE
Research Writing and Survey Methodology In-Depth Seminar Workshop	November 12-15, 2019	Php 7500.00 (Early bird Rate until October 30, 2019)
Statistical Analysis In-Depth Seminar-Workshop		
Basic Statistical Analysis Seminar-Workshop (Refresher Course)	November 18-20, 2019	Php 7000.00 (Early bird Rate until October 30, 2019)
Quantitative and Qualitative Statistical Analysis In-depth Seminar-Workshop		
Basic Statistical Analysis Seminar-Workshop (Refresher Course)	November 21-23, 2019	Php 7000.00 (Early bird Rate until October 30, 2019)
Intermediate Statistical Analysis Seminar-Workshop		

The training fee includes meals (am/pm snacks and lunch), temporary license for IBM SPSS Statistics, seminar kit (installers of IBM SPSS, handouts and data sets) and certificates (completion and appearance). The seminar-workshop will run for a minimum of 7 hours a day.

Participants must bring their own laptop and extension cord. **Pre-registration** is required. Payment should be done at least a two (2) weeks before the seminar. *Any queries regarding the payment, please feel free to contact us.* **As of the moment we we are also waiting for our CPD accreditation which will be provided by our partner, Davao Association of Catholic Schools.**

Please feel free to download the program of activities, CHED Memo and the course outline in this [link](#).

Thank you very much!

Sincerely,

Joseph Mythor D. Francisco, MBA
Training Coordinator
STRATEGIC RESEARCH AND DEVELOPMENT CENTER, INC.
Room 424 Cityland Pasong Tamo Tower,
2210 Chino Roces Avenue, Makati City 1229
Tel #: (632) 403-9768
Email: spsstraining@strandasia.com

Title: RESEARCH WRITING, SURVEY METHODOLOGY AND STATISTICAL ANALYSIS IN-DEPTH SEMINAR-WORKSHOP

Date: November 12-15, 2019

Venue: BROKENSHERE HOTEL-RESORT & CONVENTION CENTER, Brokenshere Heights, Madapo, Davao City

COURSE OUTLINE

Day 1: RESEARCH WRITING

- Planning Research Work
- Structuring Research Paper/ Research Work
 - Title
 - Abstract
 - Keywords
 - Introduction
 - Methods
 - Results & Discussion
 - Conclusions
 - Recommendations
 - Acknowledgement
 - References
 - Supporting Materials
- Use of Proper Scientific Language
- How to Publish, Ethics, & Plagiarisms

Day 2: SURVEY METHODOLOGY

- Understanding survey design
- Basics of Sampling
 - Role of Sampling in Statistical Inference
 - Introduction to probabilistic sampling techniques
 - Introduction to non-probabilistic sampling techniques
 - Choosing the best sampling techniques
- Techniques on effective questionnaire
 - Questionnaire Construction
 - Pre-test
- The Cronbach's Alpha (Reliability test)
- Data Coding, Entry and checking
- Preparing Data for Analysis

Day 3: STATISTICAL ANALYSIS USING IBM SPSS (PART 1)

- Introduction to Survey Analysis
- Introduction to Factor Analysis (Exploratory & CFA)
- Relationships between categorical variables
 - Cross tabulation and Chi-square test
- The non-parametric test
 - Mann-Whitney U Test
 - Kruskal-Walis

Day 4: STATISTICAL ANALYSIS USING IBM SPSS (PART 2)

- Parametric Tests
 - Paired-samples T-test
 - Independent Samples T-test
 - One-way ANOVA
 - Pearson Correlation
- Multivariate Analysis with Regression
 - Linear Regression
 - Logistic Regression

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PROGRAM OF ACTIVITIES

Day 1: Research Writing

<u>Topics</u>	<u>Time</u>
Registration	8:00am to 8:45am
Opening Ceremony (Doxology, National Anthem, Learning Objectives of the seminar-workshop)	8:45am to 9:15am
Planning Research Work	9:16am to 9:59am
Break/Recess	10:00am to 10:14am
Structuring Research Paper/Research Work	10:15am to 11:59am
Lunch Break	12:00pm to 12:59pm
Structuring Research Paper/Research Work(cont.)	1:00pm to 1:55pm
Use of Proper Scientific Language	1:56pm to 2:44pm
Break/Recess	2:45pm to 2:59pm
How to Publish, Ethics & Plagiarisms	3:00pm to 3:45pm
Question and Answer Portion	3:46pm to 4:30pm
Dismiss	

Day 2: Survey Methodology

<u>Topics</u>	<u>Time</u>
Registration	8:00am to 8:30am
Understanding Survey Design	8:45am to 9:15am
Basics of Sampling	9:16am to 9:59am
Break/Recess	10:00am to 10:14am
Techniques on Effective Sampling	10:15am to 11:15am
Reliability Test	11:16am to 11:59am
Lunch Break	12:00pm to 12:59pm
Data Coding, Entry and Checking	1:00pm to 2:44pm
Break/Recess	2:45pm to 2:59pm
Preparing Data for Analysis	3:00pm to 3:45pm
Question and Answer Portion	3:46pm to 4:30pm
Dismiss	

Day 3: Statistical Analysis using IBM SPSS (Part 1)

<u>Topics</u>	<u>Time</u>
Registration	8:00am to 8:45am
Exploratory Factor Analysis	8:45am to 9:15am
Confirmatory Factor Analysis	9:16am to 9:59am
Break/Recess	10:00am to 10:14am
Chi Square Test of Independence	10:15am to 11:15am

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Mann Whitney U Test	11:16am to 11:59am
Lunch Break	12:00pm to 12:59pm
Kruskal Wallis	1:00pm to 2:44pm
Break/Recess	2:45pm to 2:59pm
Exploratory Data Analysis	3:00pm to 4:30 pm
Dismiss	

Day 4: Statistical Analysis using IBM SPSS (Part 2)

<u>Topics</u>	<u>Time</u>
Registration	8:00am to 8:45am
Paired Samples T-test	8:45am to 9:15am
Independent Samples T-test	9:16am to 9:59am
Break/Recess	10:00am to 10:14am
One-way Anova	10:15am to 11:15am
Pearson Correlation	11:16am to 11:59am
Lunch Break	12:00pm to 12:59pm
Linear Regression	1:00pm to 2:44pm
Break/Recess	2:45pm to 2:59pm
Logistic Regression	3:00pm to 4:30 pm
Dismiss/Awarding of Certificates	

Please note that each topic will discuss the background, theory and exercises/activities in connection to the topic.

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Title: *Basic Statistical Analysis, Quantitative and Qualitative Statistical Analysis In-depth Seminar-Workshop*

Date: November 18-20, 2019

Venue: BROKENSHERE HOTEL-RESORT & CONVENTION CENTER Brokenshire Heights, Madapo, Davao City

COURSE OUTLINE

Day 1: Basic Statistical Analysis (Refresher)

- Descriptive and Exploratory Data Analysis
- Relationships between categorical variables
 - Cross tabulation and Chi-square test
- The non-parametric test
 - Mann-Whitney U Test
 - Kruskal-Wallis

- Qualitative Studies
 - Strengths of Using Qualitative Methods
 - Limitations of Using Qualitative Methods
 - General Overview of STAS
 - STAS as a Solution to Free Text
 - Advantages of STAS
 - Text Analysis View
 - Resource Editor View
 - Process of Text Analysis
 - HANDS ON (IBM SPSS Text Analytics for Surveys)

Day 2: Quantitative Analysis

- Parametric Tests
 - Paired-samples T-test
 - Independent Samples T-test
 - One-way ANOVA
 - Pearson Correlation
- Multivariate Analysis with Regression
 - Linear Regression
 - Logistic Regression

Day 3: Qualitative Analysis

- Introduction
- What is Qualitative Research?
- Qualitative VS Quantitative
- Characteristics of Qualitative Research
- Methods of Qualitative
- Basic Research Design for

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Title: Quantitative and Qualitative Statistical Analysis In-depth Seminar-Workshop

Date: November 18-20, 2019

Venue: BROKENSIRE HOTEL-RESORT & CONVENTION CENTER Brokenshire Heights,
Madapo, Davao City

COURSE OUTLINE

Day 1: Quantitative Analysis Part 1

- Introduction to Survey Analysis
- Introduction to Factor Analysis (Exploratory & CFA)
- Relationships between categorical variables
 - Cross tabulation and Chi-square test
- The non-parametric test
 - Mann-Whitney U Test
 - Kruskal-Wallis

Methods

- Limitations of Using Qualitative Methods
- General Overview of STAS
- STAS as a Solution to Free Text
- Advantages of STAS
- Text Analysis View
- Resource Editor View
- Process of Text Analysis
- HANDS ON (IBM SPSS Text Analytics for Surveys)

Day 2: Quantitative Analysis Part 2

- Parametric Tests
 - Paired-samples T-test
 - Independent Samples T-test
 - One-way ANOVA
 - Pearson Correlation
- Multivariate Analysis with Regression
 - Linear Regression
 - Logistic Regression

Day 3: Qualitative Analysis

- Introduction
- What is Qualitative Research?
- Qualitative VS Quantitative
- Characteristics of Qualitative Research
- Methods of Qualitative
- Basic Research Design for Qualitative Studies
- Strengths of Using Qualitative

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PROGRAM OF ACTIVITIES

Day 1: Review of Basic Statistics

<u>Topics</u>	<u>Time</u>
Registration	8:00am to 8:45am
Opening Ceremony (Doxology, National Anthem, Learning Objectives of the seminar-workshop)	8:45am to 9:15am
Chi-square test of independence	9:16am to 9:59am
<i>Break/Recess</i>	10:00am to 10:14am
Mann-Whitney U Test	10:15am to 10:45am
Kruskal-Wallis	10:46am to 11:15am
Paired-samples T-test	11:16am to 11:59am
<i>Lunch Break</i>	12:00pm to 12:59pm
Independent Samples T-test	1:00pm to 1:55pm
One-way ANOVA	1:56pm to 2:44pm
<i>Break/Recess</i>	2:45pm to 2:59pm
Pearson Correlation	3:00pm to 3:45pm
<i>Question and Answer Portion</i>	3:46pm to 4:30pm
Dismiss	

Day 2: Intermediate Statistical Analysis (Part 1)

<u>Topics</u>	<u>Time</u>
Registration	8:00am to 8:30am
Simple Linear Regression	8:45am to 9:15am
Multiple Linear Regression	9:16am to 9:59am
<i>Break/Recess</i>	10:00am to 10:14am
Binomial Logistic Regression	10:15am to 11:15am
Multinomial Logistic Regression	11:16am to 11:59am
<i>Lunch Break</i>	12:00pm to 12:59pm
Ordinal Regression	1:00pm to 1:55pm
Nonlinear Regression	1:56pm to 2:44pm
<i>Break/Recess</i>	2:45pm to 2:59pm
Polynomial Regression	3:00pm to 3:45pm
<i>Question and Answer Portion</i>	3:46pm to 4:30pm
Dismiss	

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Day 3: Intermediate Statistical Analysis (Part 2)

<u>Topics</u>	<u>Time</u>
Registration	8:00am to 8:45am
Exploratory Factor Analysis	8:45am to 9:15am
Confirmatory Factor Analysis	9:16am to 9:59am
<i>Break/Recess</i>	10:00am to 10:14am
ANCOVA	10:15am to 11:15am
MANOVA	11:16am to 11:59am
<i>Lunch Break</i>	12:00pm to 12:59pm
Clustering the Respondents	1:00pm to 2:44pm
<i>Break/Recess</i>	2:45pm to 2:59pm
Discriminant Analysis	3:00pm to 3:45pm
<i>Awarding of the Certificates (Participants)</i>	3:46pm to 4:30pm
Dismiss	

Please note that each topic will discuss the background, theory and exercises/activities in connection to the topic.

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