



**APPLIED TECHNOLOGY**  
GROUP OF COMPANIES  
Australia • New Zealand • Hong Kong • Malaysia • Singapore

**Applied Technology Group Sdn Bhd (1012178-W)**

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47500 Subang Jaya, Selangor, Malaysia.

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Email: admin@apptechgroups.net Website: www.apptechgroups.net

**Course On**

**Advance Programming in Excel for Engineering (VBA)**

Date : 29-30 April 2019

Time : 9.00 am to 5.00 pm

Venue : Applied Technology Group Training Centre, SS15, Subang Jaya, Selangor.

**SYNOPSIS**

The Microsoft Excel spreadsheet is popularly used for computations as it has ability to record and display in detail computation steps and also feature of presenting results in the form of graph and summary tables. With the help of VBA (Visual Basic for Applications), engineers can further increase the power of EXCEL spreadsheet that allowing engineers to automate various aspects of engineering computations.

**LEARNING OUTCOMES**

The course will provide you with:

- Enhance your knowledge in the advance portion of EXCEL
- To automate you EXCEL worksheet in to another level.
- One of the ways toward computer programming like VB.NET language.
- The easy way to keep your algorithm into another EXCEL file without re-write 100% of similar formula.
- How to use only the engineer field in EXCEL.
- It is not like other programming language where they are black box system. Here EXCEL can become a White box system. A lot of information is openly be seen.
- Use the record system to do programming.

**Special Discount**

Early Bird Discount RM 100

*Register for course and pay before 5<sup>th</sup> April 2019*

# Advance Programming in Excel for Engineering (VBA)

## SPEAKER PROFILE



**Ir. Chee Shai Choon**  
*BSc(Hons), CEng, MIEM, PEng*

Currently, Chee Shai Choon leads a group of software developers in C & S Software Solutions Sdn Bhd which incorporated in year 2006. His clients mainly in Malaysia, somehow, there are some clients in Singapore, Brunei and Vietnam. In order to meet his clients' requirement, he has fully concentrated on and only on this company. He has developed a core MSMA suite which covers all Chapters in MSMA 2<sup>nd</sup> edition of guideline. He also is the developer of the Infrastructure software where now he can provide a most comprehensive Infrastructure software solution. It includes Earthworks (Zeon Earth), XSeries modules such as Detention Pond & OSD Design(xStorm), Water reticulation(xWater), drainage network(xDrain), sewer network(xSewer). Besides, other software like Erosion and Sediment Control Plan(myESCP), Sediment Basin etc. Also, with Singapore Pub design software. The myESCP which is an erosion and sediment control plan software. It comprises of erosion and sediment control facilities such as Check Dam Diversion Channel, Silt Fence. These facilities which compliance to MSMA 2<sup>nd</sup> edition of chapter 12. This year will be his 12 years anniversary on computer business. He is keeps on update his knowledge especially in stormwater field where enable him to invent more values in engineering products. During the developing of civil engineering products, he has gained in-depth knowledge of the design process involved and would be able to share his knowledge and experience with participants. His official website [www.civilstructural.com.my](http://www.civilstructural.com.my).

He is also a civil engineer with good technical knowledge in engineering concepts. He has accumulated 21 years of his experience in field of IT and engineering design.

Currently his company has an international collaboration with three international engineering software companies from Europe i.e. Bricsys(Recommended alternative CAD) BricsCAD, Computer Control System(Bridges)-Greece and Ingeciber,S.A(FEM) Spain.

Along with his involvement on IT, he had conducted a number of talks/training in various organizations like IEM, JOS in JPS Ampang, Wawasan Professional Training Centre in KL. Talks & Seminar previously presented:

- One Day Seminar on Water Supply-Pipeline Design by Manually and Computer - April 2014 (IEM)
- Hands on Workshop on Urban Drainage Design based on JPS MSMA Guidelines - Oct 2013 (ACEM)
- Half day intensive Seminar on Changes In The Second Edition of The Urban Stormwater Management Manual(MSMA) - Nov 2013 (IEM)
- Programming for Engineers Part1 - Nov 2016 (IEM)
- One Day Workshop on Programming for Engineers(Part2)-Visual Studio Community IDE - Feb 2017 (IEM)
- Programming for Engineers - Mar 2017 (IEM Sarawak)
- Programming for Engineers- July 2017 (IEM Johor)
- Programming for Engineers - July 2017 (IEM Penang)
- Programming for Engineers - Sept 2017 (IEM Pahang)
- MSMA 2nd edition Way Forward -Oct 2017(Jabatan Pengairan dan Saliran)
- 1 day cour on Digital Edition of Urban Stormwater Management Manual for Malaysia (MSMA) 2<sup>nd</sup> Edition with SUSToM- March 2018 (IEM Sarawak)
- 1 day course on Digital Edition of Urban Stormwater Management Manual for Malaysia (MSMA) 2<sup>nd</sup> Edition-March 2018(IEM PJ HQ)
- ½ day BricsCAD BIM in Aug 2018 (IEM PJ HQ)

# Advance Programming in Excel for Engineering (VBA)

## WHO SHOULD ATTEND

Civil Engineer, Geotechnical Engineer, Structural Engineers, Building & Piling Contractors, Consultants, Project Manager, RE. Education like university, Research and development.

## WHY PEOPLE SHOULD ATTEND THE COURSE

It is a course that targeted for engineering in which you cannot get it from normal IT company which offer the similar course. Because they are targeted general case on all fields.

Here, only engineering portion will be discussed.

*Claimable under HRDF SBL scheme subject to max limit allowed.  
20 CIDB CCD Points*

# Advance Programming for Engineering in Excel (VBA)

## COURSE SCHEDULE

### DAY 1

8.30am - 8.50am	Registration
8.50am - 9.00am	Introduction of Speaker
9.00am - 10.00am	SECTION 1: What is VBA?
10.00am - 10.15am	<i>REFRESHMENT</i>
10.15am - 12.00pm	SECTION 2: What you can do with VBA
12.00pm - 1.00pm	<i>LUNCH</i>
1.00pm - 2.15pm	SECTION 3: Data types, operators
2.15pm - 3.30pm	SECTION 4: VBA commands
3.30pm - 4.00pm	<i>REFRESHMENT</i>
4.00pm - 5.00pm	SECTION 5: Microsoft Visual Basic Editor
<i>END OF DAY ONE</i>	

# Advance Programming for Engineering in Excel (VBA)

## COURSE SCHEDULE

### DAY 2

8.30am - 9.00am	Registration
9.00am - 10.30am	SECTION 5: Microsoft Visual Basic Editor
10.30am - 11.00am	<i>REFRESHMENT</i>
11.00am - 12.00pm	SECTION 6: Debugging
12.00pm - 1.00pm	<i>LUNCH</i>
1.00pm - 2.15pm	SECTION 7: Good coding practices
2.15pm - 3.30pm	SECTION 8: How to self help in VBA?
3.30pm - 4.00pm	<i>REFRESHMENT</i>
4.00pm - 5.00pm	SECTION 9: VBA resources
5.00pm - 5.15pm	Question & Answer
5.15pm - 5.30pm	Distribution of Certificate
<i>END OF THE SEMINAR</i>	

# Applied Technology Group

## COURSE REGISTRATION FORM

<b>Course title:</b> <b>Advance Programming in Excel for Engineering (VBA)</b>
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(✓ Please tick)

<input type="checkbox"/>	<b>29-30 April 2019</b> <b>Applied Technology Group Training Centre</b>
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### Company Information

Company:	
Address:	
State/ Province:	
Zip/Postal Code:	
Country:	
Contact Person:	
Email:	
Phone:	

### Attendee Information

Name (1)	
Job title:	
E-mail:	
Mobile/Tel No:	
Name (2)	
Job title:	
E-mail:	
Mobile/Tel No:	
Name (3)	
Job title:	
E-mail:	
Mobile/Tel No:	

### Registration Fee

	Fee
<b>Individual Fee</b>	RM 1,600
<b>Group Fee</b> (3 or more delegates)	RM1,500

**Closing date:** 25 April 2018. An early bird discount of RM100 for payment received before 5<sup>th</sup> April 2018.

### Payment

Payment is to make payable to:  
**Applied Technology Group Sdn Bhd**  
**Public Bank Berhad (Malaysia)**  
Account no: 3178247302

### Payment terms:

Payment is required before the event. Once received your place is automatically reserved. Registration fee includes lunch, refreshments and full training documentation as specified. Delegates may be refused admission if payment is not received prior to the event. The fee does not include hotel accommodations.

### Cancellation Policy

All cancellation of registration must be made in writing.

If you are unable to attend:

- A substitute delegate is welcomed at no additional charge.
- Your registration can be credited to a future event.
- You will receive a full refund less 10% administration charge if cancellation is received in writing more than 14 days before the event.
- No cancellations will be accepted within 14 days before the event start date. Full course documentation will however be sent to the delegate.

### Course Schedule

Course starts at 9.00am and ends at 5.00pm daily. Please arrive at 8.30am on day one to allow time to register and receive course materials.

### Please send completed form to:

Fax to: **+603 5637 9945**

or Email to : [admin@apptechgroups.net](mailto:admin@apptechgroups.net)

For enquiry, please call: +603 5634 7905

Or refer to our website [www.apptechgroups.net](http://www.apptechgroups.net)

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