

**COURSE CODE:** GW-EARE

**DURATION:** 1-DAY (9AM-5PM)

*This workshop is also available for in-house training.  
Contact us on +65 6400 6289 for more information.*

**INTENDED AUDIENCE:**

- Software engineers responsible for software design, development, unit testing and maintenance.

**PRE-REQUISITES**

- Understanding of Class and Sequence Diagram
- Understanding of Entity Relationship Model
- Experience in object-oriented programming

**COURSE OBJECTIVES**

At the end of this 1-day guided workshop, participants will be able to use the EA tool to:

- Reverse code into class diagram & sequence diagram;
- Reverse test code into test class & run unit test;
- Reverse database into ERD; and
- Auto-generate design documentation.

Although the workshop examples are based on C#, NUnit and MySQL, the same principles of reverse engineering in EA are also applicable to other programming languages and databases.

**GUIDED WORKSHOP STRUCTURE**

- Facilitator explains reverse engineering concepts and introduces the Enterprise Architect software.
- Facilitator conducts a walk-through of the steps to reverse engineer an existing application into EA.
- Participants who have brought their own notebook PC can also follow through the steps.

**COURSE TOPICS**

*Overview*

- Reverse Engineering - What and why?
- Enterprise Architect (EA) software
- Case study - Guided workshop example

*Guided Workshops*

- Reverse Engineer Code to Class Diagram
- Reverse Engineer Code to Sequence Diagram
- Reverse Engineer Test Code to Test Class
- Run Unit Test
- Reverse Engineer Database to ERD
- Customize EA Documentation Template
- Auto generate design documentation

**WORKSHOP FEE**

Fee is inclusive of workshop material and two light refreshments.

- **\$100** (Prepay more than 2 weeks before class); or
- **\$150** (Prepay within 2 weeks before class).

**SPECIAL OFFER**

- **Add \$225** for 1-user standard Enterprise Architect Professional Edition license. Offer valid only to this workshop's participants.

Workshop fee stated above are in SGD currency for one participant. Payment must be made in SGD currency. Participant is responsible for any bank-related charges.

**NOTEBOOK PC WILL NOT BE PROVIDED**

We strongly recommend that you bring your own notebook PC which should be installed with at least Windows XP OS. A list of open-source software that needs to be preinstalled will be provided before class.

### REGISTRATION FORM

**Instructions:**

- 1) Complete this registration form for each participant.
- 2) Issue SGD cheque payable to: "80Twenty Technology & Services Pte Ltd". Contact us for instructions on other payment methods.
- 3) Write participant name on the back of your cheque.
- 4) Post cheque and this form to: "570 Hougang St 51, #10-101, S 530570".
- 5) Fax completed form to +65 3105-5438 for immediate processing.
- 6) Seat and venue will be confirmed only after your payment is cleared.

**Participant's Information:**

**Name:**

**Company:**

**Email:**

**Tel:**

No	Code	EA Guided Workshop Module	Select 1 Schedule & Fee	Total (SGD)
1	GW-EARE	Reverse Engineering	<input type="checkbox"/> Mar 26 or <input type="checkbox"/> Apr 5	<input type="checkbox"/> \$100 or <input type="checkbox"/> \$150
2	EA-PRO	Enterprise Architect Professional Edition Standard User License (RRP:\$280)	<input type="checkbox"/> Yes, include 1 EA license	<input type="checkbox"/> \$225 /user

**Payment Details:**

**Cheque No:**

**Bank Name:**

**Total Payable (No GST) \$**

Workshop fee is only refundable when workshop is full or cancelled by 80Twenty. Workshop fee is non-refundable for participant no-shows. Software license fee is non-refundable.