Backward-Engineering ERDs

- 1. Open MySQL Workbench (MWB)
- 2. In SQL Development area, select New Connection
- 3. Assign the following *NEW* connection parameter values for the "test" database. *Be sure* to set them <u>exactly</u> as they are illustrated below, connection name, connection method, case-sensitivity, etc.:

Connection name: cci_student Connection Method: Standard TCP/IP over SSH SSH Hostname: ???

SSH Username: yourfsuid **SSH Password:** yourfsupassword

MySQL Username: yourfsuid MySQL Password: yourfsuid

4. In "Database" menu choose "Reverse Engineer"



onnection Options	Set Parameters for Connecting to a DBMS	
onnect to DBMS		
	Stored Connection: cci_student	 Select from saved connection settings
etrieve Objects	Connection Method: Standard TCP/IP over SSH	 Method to use to connect to the RDBMS
elect Objects	Parameters SSL Advanced	
	SSH Hostname:	SSH server hostname, with optional po
	SSH Username: yourfsuid	Name of the SSH user to connect with.
	SSH Password: Store in Vault	Clear SSH user password to connect to the S
	SSH Key File:	Path to SSH private key file.
	MySQL Hostname: 127.0.0.1	MySQL server host relative to the SSH
	MySQL Server Port: 3306	TCP/IP port of the MySQL server.
	Username: yourfsuid	Name of the user to connect with.
	Password: Store in Vault	Clear The MySQL user's password. Will be red

5. Click Next...



6. Click Next and select the "test" checkbox **only**



7. Click Next...



8. Select "Import MySQL Table Objects," and "Place Imported Objects on a Diagram" Click Execute...



9. Click Next...



10. Click Finish

Reverse Engineer Database	
Connection Options	Reverse Engineering Results
Connect to DBMS	
Select Schemata	
Fetch Object Info	Summers of Deserve Engineered Objects
Select Objects	- 2 tables from schema 'test'
Reverse Engineer	
Results	
	Back Finish Cancel