



**Santa Clara  
University**

**DEPARTMENT OF COMPUTER ENGINEERING**

**SOFTWARE ENGINEERING**

**CERTIFICATE CHECKLIST**

School of Engineering

STUDENT NAME \_\_\_\_\_ SCU

ID# \_\_\_\_\_

**REQUIRED COURSES (10 UNITS)**

Course #	Title	Term Taken	Grade	Units	Units Taken
COEN 286	Software Quality Assurance and Testing			2	
COEN 287	Software Development Process Management			2	
COEN 385	Formal Methods in Software Engineering			2	
COEN 386	Software Architecture			2	
COEN 485	Software Engineering Project			2	

**ELECTIVE COURSES (select any 6 units)**

COEN 261	Structure and Interpretation of Computer Programs			2	
COEN 275	Object-Oriented Analysis and Design			4	
COEN 276	Software Tools Design			4	
COEN 277	Graphical User Interface Design and Programming			2	
COEN 388	Principles of Computer-Aided Engineering Design			2	
EMGT 332	Software Engineering Economics			2	
EMGT 339	Quality Issues in Managing Software			2	
EMGT 341	Software Project Metrics			2	
<b>TOTAL</b>					

G.P.A. ....GRE test requirement for admission to the MSCE degree program

GRE required

GRE waived

**Chair's Signature** .....

**Date** .....