GRADUATE OUTREACH PROCTOR Test Instructions and Signature Page (Please return with completed exam)

Semester:

Spring 2017

Course Name:

Software Quality Assurance

Course Number:

COMP 6716

Exam Number:

Professor:

Cross

Phone:

888-844-5300

Proctor:

Andrew Ryan

Student:

Robin Ward

NO COPIES OF COMPLETED EXAM ARE TO BE GIVEN TO STUDENT

STUDENT IS RESPONSIBLE FOR COST OF MAILING EXAM BACK

THE PROCTOR, NOT THE STUDENT, MUST MAIL THE EXAM

Time Allotted for Exam: 1 hour 15 mins

EMAIL & MAIL exam & this SIGNED page to:

Instructions for Administering Test: Student is allowed a writing instrument. Closed book, closed notes. Please instruct student to place their answers directly on the exam.

Exam return due date: Wednesday, February 15, 2017 via email and mail hardcopy; STUDENT is responsible for contacting Professor if deadline cannot be met.

THE SIGNATURE OF THE PROCTOR LISTED ABOVE IS REQUIRED FOR ALL EXAMS

Please explain below if someone other than the above proctor administers exam

I certify that the instructions were followed and I proctored the exam as stated.

Proctor's Signature Andles

April Hurley

Engineering & Business Online

202 Ramsay Hall

261 W. Magnolia Avenue

Auburn University, AL 36849-5336 Email: ash0008@ auburn.edu

Date Exam was Administered 2-8-17

(888) 844-5300



COMP 5710, 6710, 6716 Software Quality Assurance – Exam 1

Nam	E KObin War	Date	e: February 8, 2017	
100 pts				
(5) 1. I	Describe what is meant by the stime." COLLING(8)			
This	is the processing defe	s of continua	ne. The More	Charges!
over 7.m	Name and briefly describe the fou	Veath. S of continuous Ects over tive fixult little determinent types of software maintenance	to Muihtain Morate. e. What is the 60/60 rule reg	the Sutthen
correcting issu	ofware maintenance described b	y Robert Glass? $n/60$	Rule	
Juff hyto xst	Preventive Preventive Preventive History Mance. Of that we What are the two most common of UNSTABLE Re	The 60/60	offlutie ma	is hitenance.
revent issues	+ states the	+ 60% Of the	e software 1	of cofflike
(8) 3.	nance. Of that what are the two most common of	auses for run-away software pr	rojects? IM FROVE!	uents.
	offinistic	BStimations BX bectation		
` <i>'</i>	Name the five levels of the Cape perceived as difficult (costly) for improvement Helped Motorola	r organizations to reach in the	AMI) and indicate why leve paper "How Software Proc	13 was eess

initial initial percent perine Refine Refine Refine Refine Record Refine Refine

Nevel 3 Las 50 costily Because it introduced software periews. However, in the end this was a necessary stell inorder to reduce the amount of Defects

software Death softwall changes = Reglity Netecty What People would have for Time

- usage modeling/probability distribution - random test case seneral on

Test certify the purpose of the Clean room

Consiguration design is to release software

the test the verson phase the streeting for production

of the configuration of the configuration of the sure test end of the configuration of the sure test end of the configuration of the term used for

Pefect Amplification of the term used for

Pefects that are left unattend until after

the software is released. If a defect is

found to addressed after it has been released to roduction, it is 60-look more et rensive than

if it was caught in the first phase.

(6) 7. In terms of configuration management, what is meant by baseline?

A base line (5) Software vors on! that has been for many applicated as the base for new builds. In order to Change this, a Change

(12) 8. Name and describe the four major activities in configuration management?

Verification— NOTIFY FLAT imprements successful Control— Control Cabb Chsvring Contiguration Lefails Auditing— Auditing— Holess

Stufus a codunting— Accounted lity of the Stels and People involved.

confroi reavest will have to be initiated.

Name four types of reviews used for verification and validation. Indicate the one that is usually lead by the author of the item under review. Also, indicate the one during which data items (e.g., defect counts, severity, etc.) are collected.

Not be as good as formal by the Process

Soffwal Review - Leview of the Process

Formal Review - Leview that has standards to the Review - Review of the be have the Current State of the Soffware.

inspection - duta collected

(6) 10. Describe how users may have very different perceptions of an application's reliability.

An application usually has a lot of Alvances features that most people won't ever See. So for the avarage user, the application may seem very resimble, but the advanced user may experience failures with some of the more advanced features of the application. Also, There are applications that could target two different semographics of people. Groups Might encounter error where Groups dops not

(100) Total points