

WHY FOCUS ON *capability* ?



increase **profit** thru improved
quality and less rework



improve **customer**
satisfaction



decrease **risks**



boost
productivity



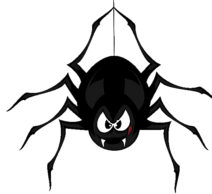
increase probability of capturing
new and repeat business



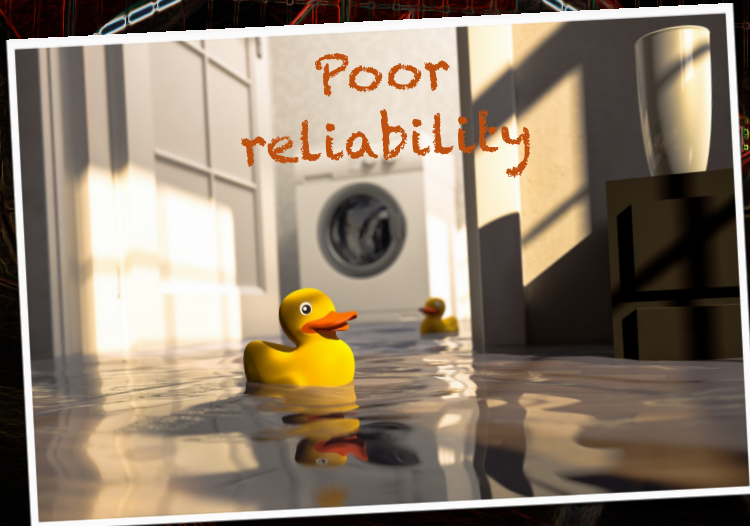
Verification & Validation

Verify that selected solutions and components meet their requirements, and validate that selected solutions and components fulfill their intended use in their target environment.

Horror Stories!



When you don't do this well...



Increased
rework

Solution
doesn't meet
expectations












Customer
won't pay

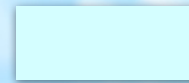


PRACTICE AREA

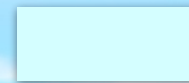
BONUS ROUND!

PRACTICE

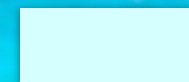
	Requirements Development & Management
	Process Quality Assurance
	Verification & Validation
	Peer Reviews
	Technical Solution
	Product Integration
	Service Delivery Management
	Strategic Service Management
	Supplier Agreement Management
	Estimating
	Planning
	Monitor & Control
	Risk & Opportunity Management



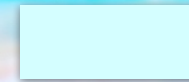
Manage and resolve issues with affected stakeholders.



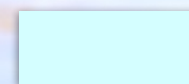
Develop operational concepts and scenarios.



Develop a list of current services.



Identify and negotiate critical dependencies.



Throughout the project, objectively evaluate selected performed processes and work products against the recorded process and applicable standards.

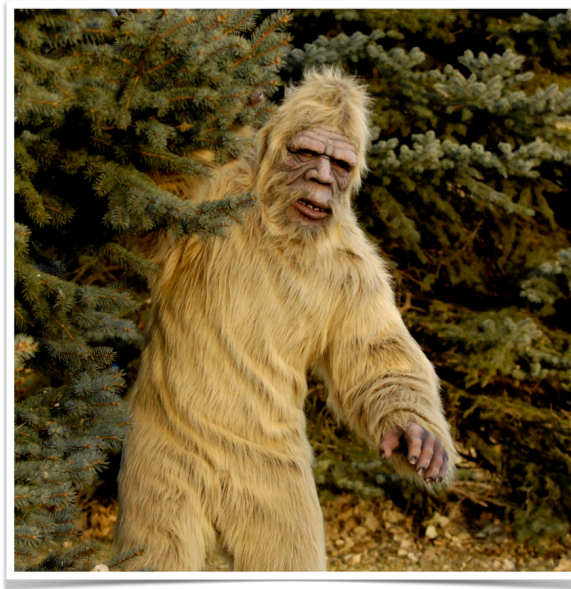


CMMI VS. BIGFOOT

"The CMMI is a set of processes and procedures we can implement."



☐ TRUTH



☐ BIGFOOT

Virtual adaptation: Vote by selecting Yes for Truth, No for Bigfoot.

EXAMPLES



RISK & OPPORTUNITY MANAGEMENT

In case a student doesn't have access to the online model viewer, we'll require them to bring a paper copy or pdf file.



INCIDENT RESOLUTION & PREVENTION

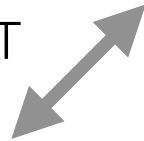
The coffee is cold. Let's message the conference center for new (warm!) coffee. Plus... why was it allowed to get cold?



CONTINUITY

There's a snow storm predicted this evening. What will happen to class tomorrow?

IDENTIFYING CAs & PAs - DEVELOPMENT



DOING

Designing and coding software

CA: EDP

PA:



MANAGING

Tracking development progress in a schedule or on a white board

CA: PMW

PA:



ENABLING

Deciding which development tool to buy

CA: SI

PA:



IMPROVING

Standardizing your organization's software development process

CA: IMP

PA:



Virtual adaptation: When done, use public chat to communicate each individual or team answer as I walk thru.

MODULE 2.4

IMPROVING PERFORMANCE



CMMI CURRICULUM - ASSOCIATE CERTIFICATION



ADVANCING

Organizational
Capability



MASTERING

Organizational
Capability

CMMI V2.0 MODEL STRUCTURE

EXAMPLE



Manage the integrity of work products using configuration identification, version control, change control, and audits.

