Software Development Team - Unit Test Plan

PiXELL River Financial

Developer:	**Damien Altenburg**
Class Name:	Course

Test Case ID	Method being Tested	Condition being Tested	Preconditions	Method Inputs	Expected Result
1	*__init__*	*Attribute set to input value.*	**None**	**name = "intermediate software development"** **department = Department.COMPUTER_SCIENCE** **credit_hours = 90**	**Object initialized with the correct state**
2	*__init__*	*Exception raised when name is blank*	**None**	**name = ""** **department = Department.COMPUTER_SCIENCE** **credit_hours = 90**	**ValueError: name cannot be blank.**
3	*__init__*	*Exception raised when invalid department*	**None**	**name = "intermediate software development"** **department = "computer science"** **credit_hours = 90**	**TypeError: department object must be a Department type.**
4	*__init__*	*Exception raised when credit hours is not an int.*	**None**	**name = "intermediate software development"** **department = Department.COMPUTER_SCIENCE** **credit_hours = 34.5**	**TypeError: credit_hours object must be an int type.**
5	name	*Returns name attribute*	**Object initialized.** **name = "intermediate software development"** **department = Department.COMPUTER_SCIENCE** **credit_hours = 90**	**None**	**"intermediate software development"**
6	department	*Returns department attribute*	**Object initialized.** **name = "intermediate software development"** **department = Department.COMPUTER_SCIENCE** **credit_hours = 90**	**None**	**Department.COMPUTER_SCIENCE**
7	credit_hours	*Returns credit_hours attribute*	**Object initialized.** **name = "intermediate software development"** **department = Department.COMPUTER_SCIENCE** **credit_hours = 90**	**None**	**90**

| 8 | __str__ | *Returns string in expected format.* | Object initialized.

name = "intermediate software development"
department = Department.COMPUTER_SCIENCE
credit_hours = 90 | None | "Course: Intermediate Software Development"
Department: Computer Science
Credit Hours: 90" |