**Lesson Plan Template A**

**Course: Intro to Functional Programming** **Date: January 24th 2022**

**Title: Programming Paradigms**

**Bridge-in: In computer science, a language paradigm classifies languages based on the features the language support and the nature of “expressiveness”. There are sub-paradigms of programming languages, but most commonly used programming language paradigms fall under either imperative or declarative**

**Learning Outcome:**

**Students will be able to correctly identify declarative and imperative statements**

**Pre-Assessment:**  **Materials: N/A**

What programming languages are you familiar with (if any?)

Do you know if they are imperative or declarative (or neither)?

**Participatory Learning:**

**Time** **Instructor Activities Learner Activities Resources**

2min Example imperative and declarative statements Slides

1min Write one sentence of what makes

a statement declarative

1min Write one sentence of what makes

a statement imperative

**Post-Assessment:**

Each student will write an example declarative or imperative statement in regular english and post it

Students will go through each submission and comment on whether they believe the statement to be declarative or imperative

**Summary/Closure:**

Summerize what qualities distinguish imperative and declarative languages and provide a list of programming languages with their respective paradigms and some brief code examples

**Notes for Next Time:**

Source: 2018 ISW Handbook; Beta Version February 2018 Part 2.35