

Creating Community Ecosystems of Learning

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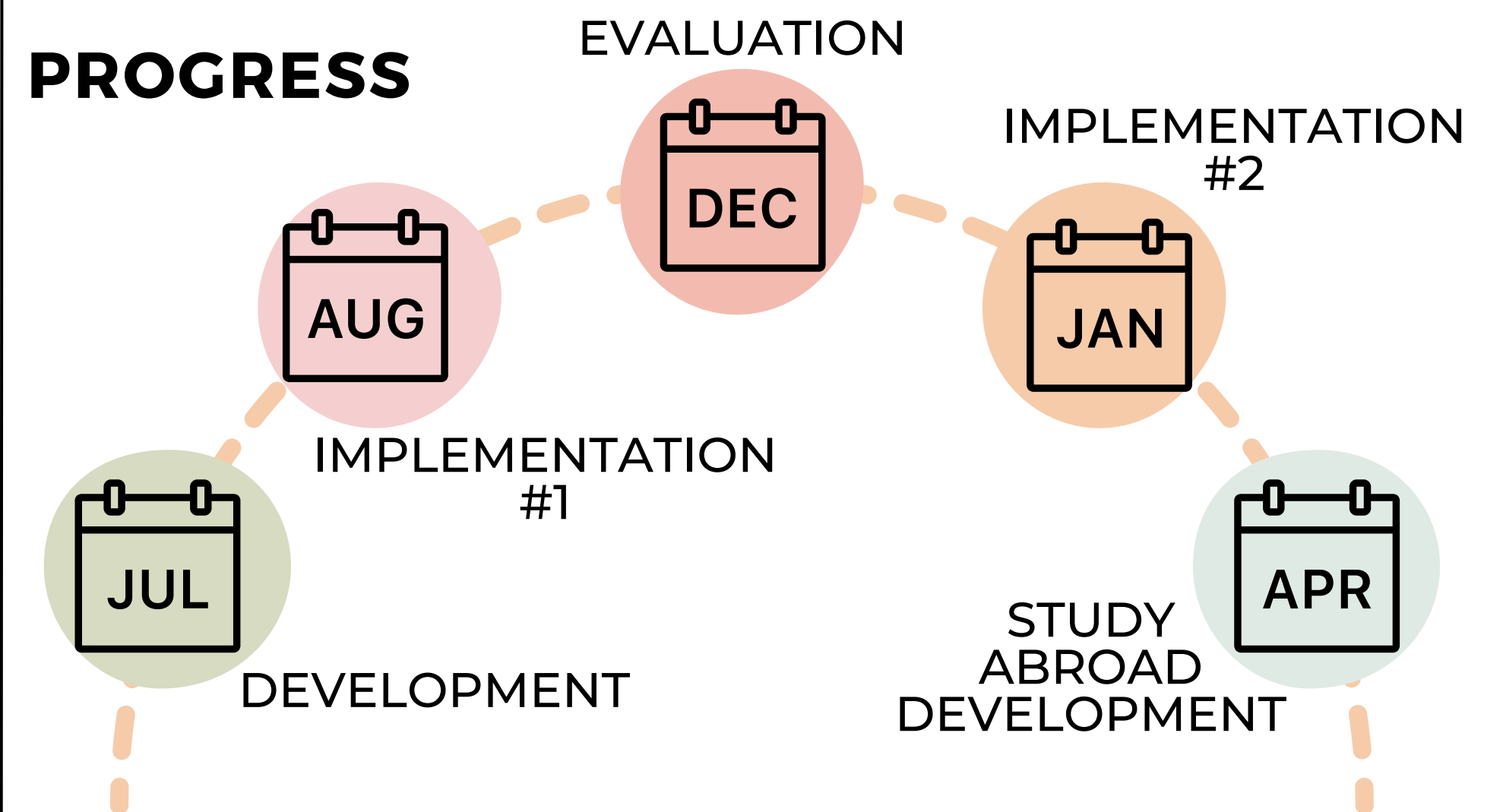
1. INTRODUCTION

Sustainability in the curriculum has long been a tenant at Kennesaw State University (KSU). With the advent of Sustainability Fellows within the university, many colleges and departments saw faculty incorporating sustainable principles into their curriculum. Within Engineering, this provided various challenges because of the lack of guidance provided to engineering faculty. The Engineering One Planet (EOP) framework has provided meaningful guidelines to allow engineering faculty to design courses with sustainability, justice, equity, diversity, and inclusion at the core. This project details an example of how the EOP Framework was used to create a community ecosystem of learning within an Introduction to Civil Engineering course.

2. METHODS



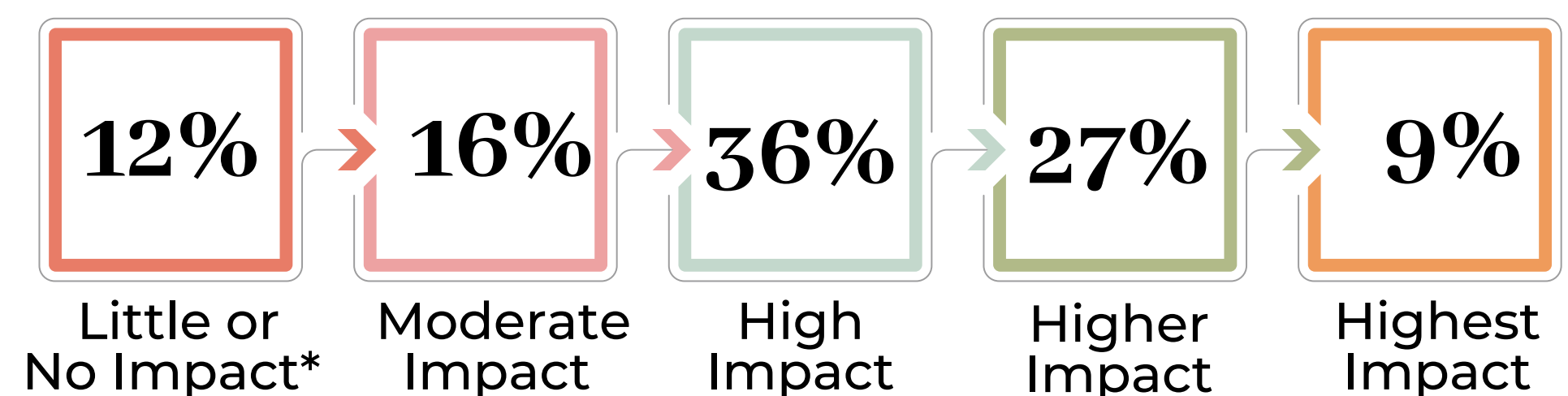
3.



4.

EVALUATION AND IMPACT

Research Question #1: Did students gain new insights into the connectedness and integration of the academic preparation of their disciplines of study as a result of the EOP Framework designed course?



"Doing research for the Campbellton Creek Nature Reserve project to solve the problem of building a rain-catching system for a nature trail garden provided insight and skills that cannot be learned through other forms of coursework."

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