

# SCRUM FOR AGILE EDUCATION: DEVELOPING A SIGNATURE PEDAGOGY FOR COMPUTER SCIENCE

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Scrumage (Scrum for Agile Education) is a course management framework based on Scrum, a project management approach widely used in the software industry. In a Scrumage course, students work in self-organizing teams to learn course content and complete assignments over a series of short sprints. Teams are broadly free to choose their own resources and schedules, while the professor functions as a coach and expert resource. Sprints also incorporate individual quizzes and reflective self-assessments, with the goal of teaching students how to critically evaluate and improve their own learning processes. We will describe how we have used Scrumage to redesign multiple computer science courses at Rollins and present preliminary data from our in-progress study of student experiences in Scrumage courses.