

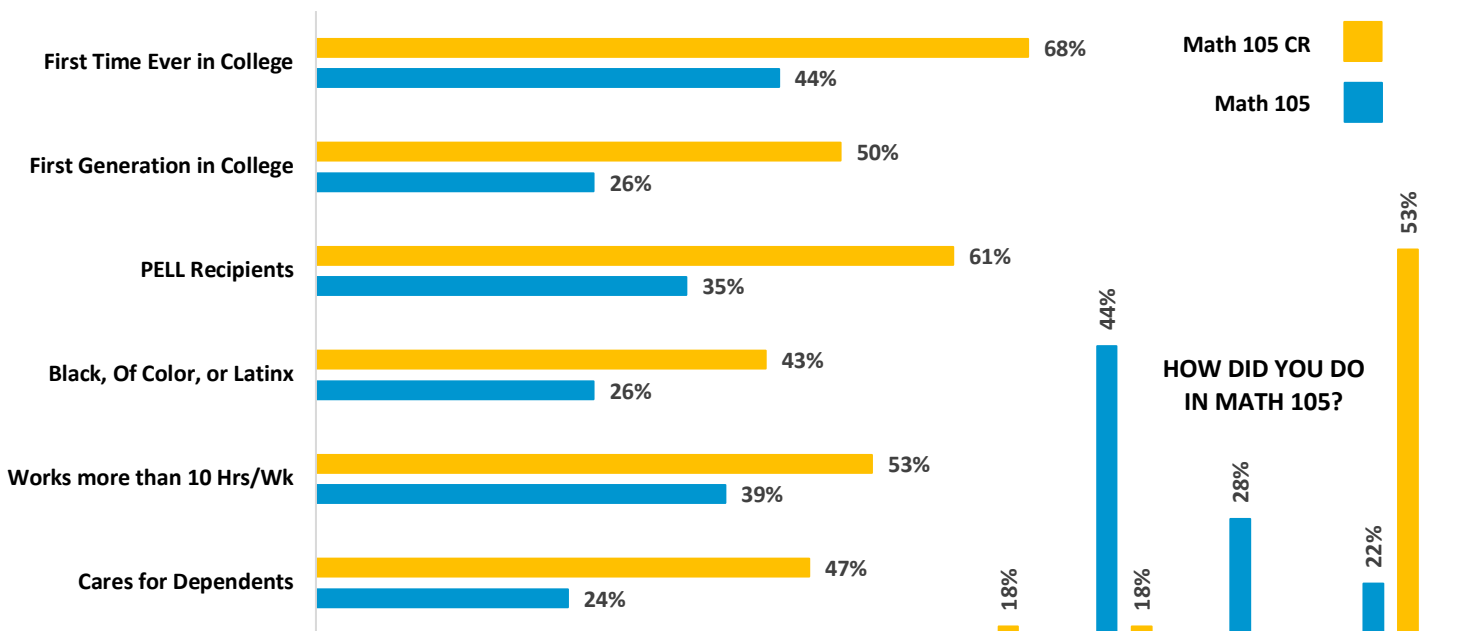
Corequisite Pathway Helps Students Complete Gateway Math

Math 105 is Lane’s gateway math course (first college level requirement) for award seeking students in non-STEM fields. Many students are required to complete a 5-credit prerequisite course, Math 98, prior to Math 105. Starting in Fall 2022, students placed into Math 98 had the option to enroll directly in Math 105 together with a **new, 1-credit, corequisite course where students review math and study skills and are connected with tutoring and other resources.** This could help Lane achieve its goal of supporting more students to complete gateway math within one year. To evaluate the new pathway, course success and survey data were compared between 2 sections of Math 105 CR (28 corequisite students) and two regular sections of Math 105 (34 students who came from Math 98 or placed directly into Math 105).

Corequisite pathway students successfully completed Math 105 at nearly the same rate as others.



First generation in college, first time in college, financially at risk (PELL), and minority students were all disproportionately represented among survey respondents in the corequisite group, attesting to the pathway’s value in promoting equity and respecting the cultural wealth and life skills of these students.



Among corequisite students who responded to the survey, 53% reported working more than 10 hours per week and 47% reported caring for dependents. By saving both time and money, the new pathway may particularly benefit working and caretaking students.

A particularly revealing survey item asked how students performed in Math 105 compared to their expectations. Responses dramatize both the lack of math learning confidence among non-STEM students placed below college level and the boost these students experience when supported to succeed in gateway math.

See more survey results at inside.lanecc.edu/ir.

