

Cal Lutheran Math Dept. -- Table 2: Correspondence of Outcomes Per Class and Assessment Type

| | Math Department Learning Outcomes | | | | | California Lutheran University's Student Learning Outcomes | | | | | | | | |
|--|-----------------------------------|---------------------------------|----------------------------|-------------------------------------|------------------------------------|--|----------------------------|--------------------------------|---------------------------|---------------------|----------------------|---------------------------------|-----------------------|-----------------------|
| | Use mathematical reasoning | Comprehend applications of math | Communicate mathematically | Use technology appropriate for math | Possess self-confidence about math | Communication: Written Skills | Communication: Oral Skills | Creative and Critical Thinking | Cross Cultural Competency | Identity and values | Information literacy | Interpersonal & teamwork skills | Quantitative literacy | Principled leadership |
| Courses in Department | | | | | | | | | | | | | | |
| Required Major Classes | | | | | | | | | | | | | | |
| Math 241 Discrete Math | FE | | | | | | | | | | | | | |
| Math 261 Calculus III | | FE | | | | | | | | | | | | |
| Math 474 Capstone Prep | | | OP | | | | OP | | | | WA | | | |
| Math 475 Capstone | CP | | OP, CP | | GP | CP | OP | | | | | | | |
| Upper divisions Electives | | | | | | | | | | | | | | |
| Math 320 Elem Analysis | WA | | WA | | | | | | | | | | | |
| Math 352 Prob Stats I | | CG | RP | | | RP | | | | | | | | |
| Math 381 Geometry | WA | | WA | | | | | | | | | | | |
| Math 382 Number Theory | WA | | WA | | | | | | | | | | | |
| Math 420 Real Analysis | CG | | CG | | | | | | | | | | | |
| Math 425 Abstract Algebra | CG | | CG | | | | | | | | | | | |
| Core (Gen Ed) Classes | | | | | | | | | | | | | | |
| Math 115 Finite Math | FE | FE | | | | | | | | | | | | |
| Math 128 Topics in Liberal Arts Math | FE | FE | | | | | | | | | | | | |
| Math 145 Business Math | FE | FE | | | | | | | | | | | | |
| Math 151 Precalculus | FE | FE | | | | | | | | | | | | |
| Courses Supporting other majors | | | | | | | | | | | | | | |
| Math 245 Applied Calculus | FE | FE | | | | | | | | | | | | |

KEY: FE = Final Exam, CG = Course Grade, WA = Written Assignment, OP = Oral Presentation, CP = Capstone Presentation, RP = Research Paper