

Abstract Submitted
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Recognizing and Engineering Routes Around the Cognitive Obstacles Encountered by Non-majors in Introductory Calculus-based Physics - Part 3 NORMA CHASE¹, MCPHS University - Boston — In Parts 1 and 2 of this work, we provided insights into routes around a host of common cognitive challenges – ranging from difficulties with spatial visualization to struggles in dealing with abstractions. In this work, we focus on strategies for guiding students towards being willing and able to execute multi-step reasoning processes to solve complicated problems.

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