

Emily Dux Speltz



Emily Dux Speltz, Ph.D., is an Assistant Professor in the Department of Humanities & Communication at Embry-Riddle Aeronautical University Worldwide. Dr. Dux Speltz's research explores applications of innovative technologies—including generative artificial intelligence, keystroke logging, and eye tracking—in the writing process and education. Her recent work has been supported by a National Science Foundation grant exploring text production and comprehension by human and artificial intelligence.

Dr. Dux Speltz earned her Ph.D. in Applied Linguistics and Technology, her MA in TESL/Applied Linguistics, and her BA in English from Iowa State University. During her time at Iowa State, she was a research assistant and co-instructor for [ENGL 222X \(Artificial Intelligence and Writing\)](#) with Dr. Abram Anders. She also taught ENGL/LING 120 (Computers and Language), English 150 (Critical Thinking and Communication), English 250 (Written, Oral, Visual, and Electronic Composition), and Honors 322 (a seminar about philosophy and ethics in NBC's *The Good Place*). She enjoyed working as a communication consultant and the graduate assistant director at the Writing and Media Center.