

1 Student content

1.1 Constance Hendrix

Greetings. My name is Constance Hendrix. I go-by Constance. I'm a wife, an electrical engineer, a 30-year Air Force veteran, and a current Engineering Security PhD student here at UCCS (see Canvas picture in Figure 1. I'm com-



Figure 1: Constance, about to be fed, while on a overdue retreat!

ing in with a Masters of Science degree in electrical engineering with a focus in navigation systems from the Air Force Institute of Technology and a Masters of Business Administration from the University of West Florida. I'm also a licensed electrical engineer in the state of Colorado and a certified Project Management Professional. My overarching goal for graduate school is to make a significant contribution to my engineering field and lay the foundation for a future in academia. My research interests include reliable and accurate navigation, secure satellite communications, biologically-influenced design, artificial intelligence, and signal processing. I have yet to specifically identify my security research topic, but know it will include artificial intelligence, signal processing, and/or edge computing. I hope to select a topic by next semester and will be preparing for my oral qualifier next Spring as well. My goal for this course is to narrow my research focus for my degree, learn new and efficient ways to conduct research, and develop research questions. Outside of school, I work part-time as a position, navigation and timing (PNT) engineer, enjoy reading, working on stained glass creations, quilting, camping, fly fishing, hiking, cooking, and gardening. Quilting is a tradition for the women in my family. Even though I just recently started, I am excited to carry on this tradition.

2 Example of Easy Tables

Time (s)	Rel. time (s)	X Pos	Rel X Pos	Raw Y Pos	Model Y Pos
43.97	0	734	528	14.22624	18.26294
44.01	0.04	731	525	14.11335	18.14345
44.04	0.07	729	523	14.03819	18.06389
44.07	0.1	726	520	13.9256	17.9447
44.11	0.14	720	514	13.70096	17.70686
44.14	0.17	718	512	13.62624	17.62774
44.17	0.2	714	508	13.47704	17.46974
44.21	0.24	711	505	13.36535	17.35145
44.24	0.27	706	500	13.1796	17.1547
44.27	0.3	700	494	12.95736	16.91926
44.31	0.34	696	490	12.8096	16.7627

Better formatted Tables

Time (s)	Rel. time (s)	Y Pos
43.97	0	18.26294
44.01	0.04	18.14345
44.04	0.07	18.06389
44.07	0.1	17.9447
44.11	0.14	17.70686
44.14	0.17	17.62774
44.17	0.2	17.46974
44.21	0.24	17.35145
44.24	0.27	17.1547
44.27	0.3	16.91926
44.31	0.34	16.7627