

Graduate Certificate in Human Factors

The Graduate Certificate in Human Factors focuses on the design, use, maintenance and improvement of systems that rely on human interaction. Students gain practical, real-world experience in user experience design, applications and assessment protocols.

The certificate includes 12 graduate-level credits, which can be applied toward a master's degree at Embry-Riddle. Students may apply these credits toward the online Master of Science in Human Factors, which can be completed with an additional 18 graduate credits, or 21 credits for the thesis option.

Note: Certificate programs are not eligible for Title IV Federal Financial Aid unless taken as part of a degree program.

Program-Level Student Learning Outcomes

Students will:

- Evaluate human cognitive/psychological capabilities and limitations comprehensively across multiple human factors and ergonomics domains.
- Comprehensively evaluate human physiological capabilities and limitations across multiple human factors and ergonomics domains.
- Apply principles of ergonomic and bioengineering as related to human-machine design and performance.

Worldwide Certificate Requirements

HFCT 606	Human Cognition	3
HFCT 612	Human Performance, Limitation, and Error	3
HFCT 624	Ergonomics and Biomechanics	3
HFCT 640	Human Physiology and Adaptation	3
Total Credits		12