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Model Curricula: University of Oklahoma

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Name of University

University of Oklahoma

Name of Academic Program

Aerospace Engineering

Level of Academic Program

Undergraduate/Graduate

Area of Emphasis

Intelligent Aerospace Systems

Names/Descriptions of Courses

In addition to the standard Aerospace Engineering courses, newly created or modified courses include Intro to Engineering and Computing, Intro to Aerospace Engineering, Intro to Computing Systems, Interactive Engineering Design Graphics, Digital Signals, Control of Stable Systems, Aerospace Computing Systems, Robotics Lab or Controls Lab, Systems Engineering, Space Science and Systems, Flight Dynamics, Managing Creativity (Elective). There is a two semester senior design course in either air or space system design.

Unique Features

A focus on computation as an integral part of aerospace systems design.

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