BACHELOR OF SCIENCE

INDUSTRIAL ENGINEERING

Industrial Engineering is a career for efficient problem-solvers who come up with creative solutions for complex situations. Students learn to design and conduct experiments as they examine the impact of engineering solutions on the global workplace. Today, the versatility of this career has increased exponentially, making it one of the most dynamic in the market. **Ready to start your journey? From here, it's possible!**

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- Manufacturing Engineer
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Jose Boschini
Industrial Engineering major

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Courses are subject to change

							Credit Hours
Term 1	Calculus I *	Chemistry I *	Chemistry Lab I *	Essential College Rhetoric	Art Appreciation		14
Term 2	Calculus II	Advanced College Rhetoric	American Government	Introduction to Engineering	SUMMER Texas Politics	SUMMER Physics I	13 / 7
Term 3	Calculus III	Engineering Design in Production Operations	Fundamentals of Electrical Engineering	Engineering Economics	Engineering Statistics		16
Term 4	Linear Algebra	Statistics	Engineering Graphics: Software A	Analysis & Design	Management Systems Control		14
Term 5	Professional Communication for Engineers	Physics II	Stock Models	Department Operations Research	Statistics II		16
Term 6	Engineering Ethics	Manufacturing Engineering	Engineering Data Analysis	Manufacturing Systems Control	Quality Assurance	SUMMER U.S. History to 1877	SUMMER U.S. History from 1877	16 / 6
Term 7	Fundamentals of Systems	Simulation Systems Modeling	Facilities Planning	IE Elective	Engineering Design for People		16
Term 8	Senior Project	IE or ENGR Elective	IE or ENGR Elective	IE Elective			12

Total Degree Hours:	130

* Based on completion of prerequisites