



San José State
UNIVERSITY

Business Minor with Emphasis in Management for Industrial Technology Majors

The following curricular path is based on the recommendations of faculty and administrators from the College of Business and the Department of Aviation & Technology. Students are responsible for reviewing a current catalog for course descriptions and published prerequisites. To register for the minor, bring this form to the Business Student Advising Center (BSAC) in BBC 008. The BSAC is available by phone at (408) 924-3435. The BSAC website is <http://www.sjsu.edu/bsac/>.

The Business Management minor must include 15 semester units of courses.

BUS 090 Business Statistics

In terms of theory and application: collection and presentation of data; measures of central values and spread; probability as a measure of uncertainty; sampling and sampling distribution of the sample mean; confidence intervals; hypothesis testing; regression and correlation. Prerequisite: Math 70. (3 units)

BUS 141 Materials Management

Comprehensive survey of forecasting, inventory management (including just-in-time), purchasing, supplier relations, warehousing (tiered, centralized, decentralized) and distribution methods. Make-or-buy analysis and specification/standardization techniques. (3 units)

OR

BUS 144 Supply Chain Management

Addresses concepts/tools for effective and efficient management of supply chains. Topics include materials planning/control, sourcing strategy, strategic alliances, information technology role, quality/ customer issues, inventory management, and distribution/logistics management. (3 units)

BUS 142 Total Quality Management

Holistic approach to managing quality: interaction of production design, work design and the manufacturing process. International view and roles qualitative and quantitative techniques play in successful quality management programs. (3 units)

BUS 145 Global Operations Management

Studies operations management issues unique to manufacturers with extensive international operations. Educational objectives are to develop an understanding of: the strategic tradeoffs associated with global operations, total supply chain management and the economics of transnational logistics. (3 units)

OR

BUS 140 Fundamentals of Operations Management

Familiarizes students with processes that transform inputs into finished goods and services; helps students understand the importance of operations management and how it interacts with other parts of the organization; develops skills in applying appropriate analytical tools to business operations challenges. (3 units)

BUS 186 Professional and Business Ethics

Interdisciplinary study of types of ethical problems which arise within the contexts of business occupations and professions. Major ethical theories, critique of economic and criminal justice. Focus is on issues of justice and equality in the U.S. Case studies. Prerequisite: Completion of core GE, satisfaction of Writing Skills Test and upper division standing. (3 units)

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