



WHAT IS MANUFACTURING TECHNOLOGY?

Manufacturing Technology provides an opportunity to learn with self-paced, modular courses that provide you with essential skills, helping you keep track with the industry and enhance your career. Manufacturing technology refers to the commercial industrial production of goods for sale and consumption with the help of gadgets and advanced machine tools.

INTERESTS

(THINGS YOU LIKE TO DO)

- Mathematical reasoning
- Problem sensitivity
- Interacting with computers
- Systems analysis
- Active learning
- Making decisions and solving problems
- Design
- Category flexibility

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SKILLS

(THINGS YOU WILL LEARN & USE)

- Mechanical
- Computer aided design CAD software
- Computer aided manufacturing CAM software
- Enterprise resource planning ERP software
- Detail orientated
- Industrial control software
- Engineering and technology
- Critical thinking
- Mathematics

LAVC DEGREES & CERTIFICATES OFFERED

The Manufacturing Technology degree is housed under the Technology Department at LAVC. Manufacturing Technology is designed for the student who wishes to enter the workforce after graduation with a strong background in both traditional machining and numerical control. LAVC offers the following degrees and certificates:

- **Associate of Arts (AS) in Manufacturing Technology: Metal Machining**
- **Associate of Arts (AS) in Manufacturing Technology: Numerical Control**
- **Certificate of Achievement in Manufacturing Technology: Numerical Control**
- **Certificate of Achievement in Manufacturing Technology: Metal Machining**

TRANSFER RELATED MAJORS

- **Cal Poly Pomona:** Manufacturing Engineering
- **Cal Poly San Luis Obispo:** Manufacturing Engineering
- **Cal Poly San Luis Obispo:** Mechanical Engineering - Manufacturing
- **CSU Northridge:** Manufacturing Systems Engineering
- **UC Davis:** Mechanical Engineering - Manufacturing
- **UC Riverside:** Mechanical Engineering - Design and Manufacturing

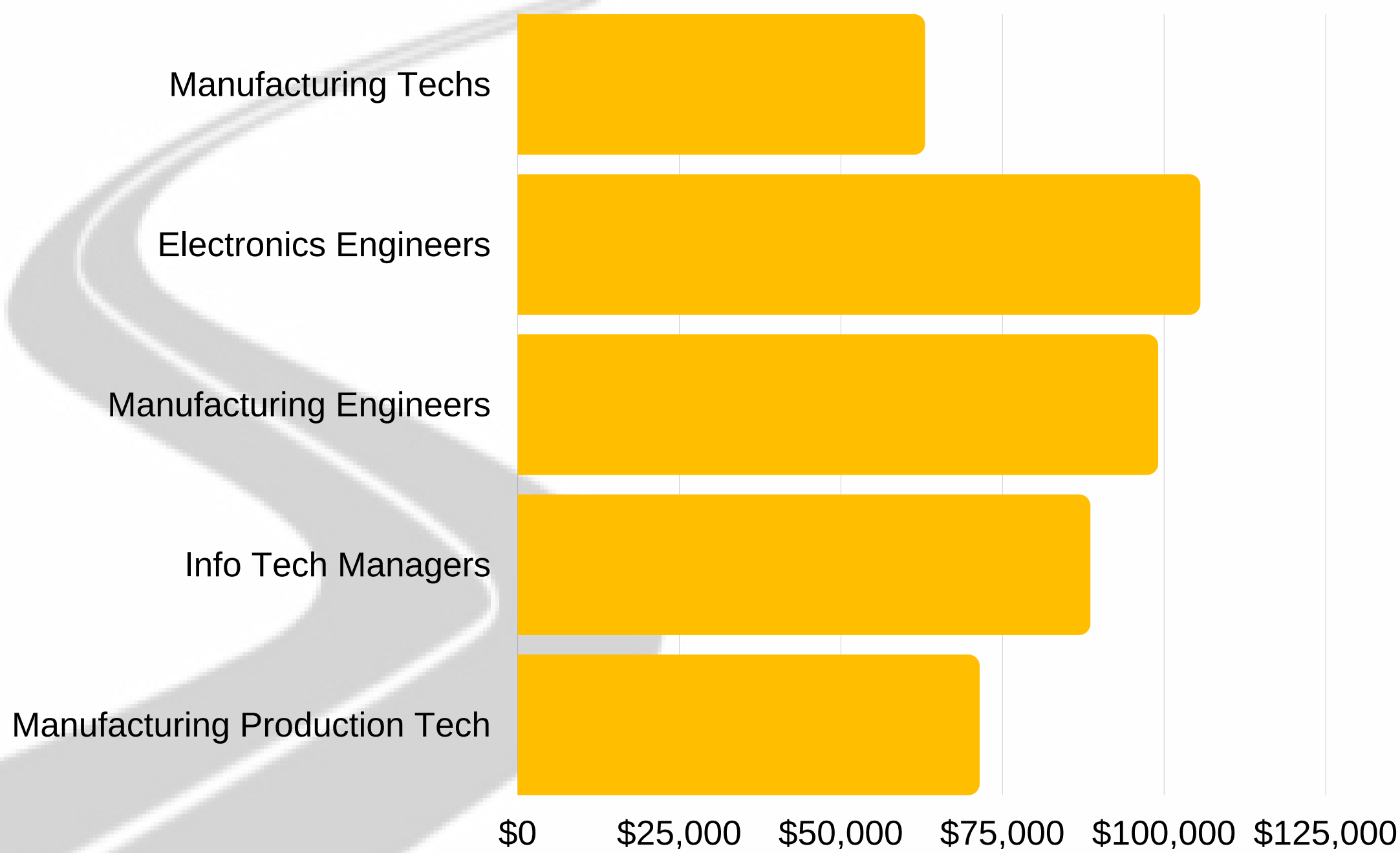


CAREER/TRANSFER CENTER

MANUFACTURING TECHNOLOGY: METAL MACHINING / NUMERICAL CONTROL

MAJOR GUIDE SHEET

EARNINGS*



*Earnings can vary by occupation and experience. The following are median wages as of 2018 in California based on CaliforniaCareerZone.org

FOR MORE INFORMATION

- www.lavc.edu/transfer
- www.lavc.edu/Technology-Department/Technology-Department-Home.aspx
- www.assist.org
- www.eureka.org
- www.czcareerzone.org
- www.onetonline.org
- <http://degrees.calstate.edu/>
- https://admission.universityofcalifornia.edu/counselors/files/undergraduate_majors_list.pdf

RELATED OCCUPATIONS

- Manufacturing/production engineer
- Geological sample test technician
- Material and structure specialist
- Medical and clinical laboratory technologist
- Materials engineer
- Industrial engineer
- Professor

POTENTIAL EMPLOYERS

- Entrepreneur
- Architectural, engineering, and related service
- Motor vehicle parts manufacturing
- Laboratories
- Industrial plantations
- Construction companies
- University/college
- Industrial companies
- Machine tool design industry

This general information is provided by the LAVC Career/Transfer Center. For specific information about majors and careers please make an appointment to see a counselor either online, in person at the Counseling Department (Student Services Annex) or by phone at (818) 947-2474.