

MANUFACTURING ENGINEERING

GRADUATE SCHOOL OF ENGINEERING AND NATURAL SCIENCES

GRADUATE PROGRAMS



ABOUT THE PROGRAM

The Manufacturing Engineering Program deals with integrated science and technologies to develop and improve innovative products and manufacturing processes. This interdisciplinary program integrates fundamental science and knowledge from Mechanical, Industrial, Production, and Materials Engineering to research, design and develop manufacturing systems, processes, machines, tools, and equipment. The Manufacturing Engineering program focuses on advanced manufacturing technologies. The research areas include manufacturing processes and equipment, computer-aided design and manufacturing, integrated manufacturing systems, additive manufacturing (3D printing), nano-micro manufacturing, composite and polymer manufacturing, and manufacturing and technology strategies with special emphasis on industrial applications.



Research Areas

- Additive Manufacturing, 3D Printing
- Advanced Composite Materials
- AI and data science in manufacturing
- CAD/CAM Integration and Design for Manufacturing
- Computational Methods
- Digital manufacturing
- Machining and Machine Tools
- Precision manufacturing
- Robotics and Machine Vision
- Smart and unsupervised machining
- Unconventional Manufacturing

Faculty Members

- Adnan Kefal
- Bahattin Koç
- Bekir Dızman
- Burcu Saner Okan
- Erhan Budak
- Lütfi Taner Tunç
- Mehmet Yıldız
- Mustafa Ünel
- Serkan Ünal
- Yusuf Menceloğlu



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Benefits Provided for Graduate Students

- Full Tuition Waiver
- Monthly Stipend
- Housing/Transportation Support
- Private Health Insurance
- Conference Travel Funding
- Financial Incentives for Project and Research

Application Requirements

- Official Transcript
- Statement of Purpose
- CV
- Two Letters of Recommendation
- ALES / GRE / GAT Score
- English Proficiency Exam Score (TOEFL (IBT) / PTE / CAE / CPE / YDS / e-YDS / YÖKDİL / e-YÖKDİL)

Online Application

admission.sabanciuniv.edu

Contacts

Graduate Coordinator

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For more information

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