MABE Department fact sheet

FACULTY

Leadership
Dr. Matthew M. Mench
Department Head
1512 Middle Drive
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Phone: (865) 974-6751
mmench@utk.edu
@UTKMABE

Outstanding Faculty
The department includes Governor’s Chair of Advanced Composites Manufacturing Uday Vaidya, Governor’s Chair of Advanced Manufacturing Suresh Babu, Condra Chair of Excellence Matthew M. Mench, and H.H. Arnold Chair John D. Schmisseur.

• 5 Chaired Professorships
• 8 NSF Career or ONR Young Investigator Program Award Winners
• Richard Rosenberg Endowed Assistant Professor of Practice

Faculty for Fiscal Year 2018-2019
Professors 15
Associate Professors 12
Assistant Professors 14
Lecturer/Professor of Practice 7
Research Assistant Professor 7
Research Professor 2
Clinical Associate Professor 2
Total 59

Faculty Research Profile
MABE faculty members are funded by numerous government and private sources, including:

• Pratt & Whitney
• U.S. Department of Energy
• The National Science Foundation
• National Institutes of Health
• General Motors
• U.S. Air Force
• ExxonMobil
• Lockheed Martin
• U.S. Navy
• Boeing
• NASA
• Bosch

Nationally Recognized Leadership in Education and Research
Leading the $9.9 million NASA University Leadership Initiative (ULI) Project to produce a more aerodynamically capable aircraft

Leading the $259 million Institute for Advanced Composites Manufacturing Innovation (IACMI)

First engineering program in the world to open a synthetic cadaver lab

1 of 12 university teams to participate in the EcoCAR Mobility Challenge

STUDENTS

Enrolled Students (2018 Fall Semester)

<table>
<thead>
<tr>
<th>Level</th>
<th>Program</th>
<th>Number</th>
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<tbody>
<tr>
<td>Undergraduate</td>
<td>Mechanical Engineering</td>
<td>782</td>
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<tr>
<td></td>
<td>Aerospace Engineering</td>
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<tr>
<td></td>
<td>Biomedical Engineering</td>
<td>273</td>
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<tr>
<td>Master's</td>
<td>Mechanical Engineering</td>
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<td></td>
<td>Aerospace Engineering</td>
<td>21</td>
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<td>Total</td>
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UT SPACE INSTITUTE

Location: Woods Reservoir in Tullahoma, Tennessee

• 365-acre graduate education and research institution
• Eleven MABE faculty members located at UTSI
• Founded in 1964 to support Arnold Engineering Development Center at Arnold Air Force Base as a graduate education and research facility
• Internationally recognized for graduate study and research in engineering, physics, mathematics, and aviation systems
• More than 2,000 graduates, including 250 doctorates and nine astronauts

mabe.utk.edu