Trends, Salaries and Characteristics of ATMAE Accredited Faculty in 2019

Ahmad Zargari, PhD, Morehead State University
Caitlin Shwab-Falzone, ATMAE Accreditation Director
Fatemeh Davoudi, PhD, San Jose State University

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Charlotte, NC
Data Collection

The following data were obtained:

- Number of ATMAE faculty and status
- Gender, diversity, graduate, teaching responsibilities
- Degrees offered
- Qualifications expected of ATMAE faculty
- Field of preparation
- Employment status: tenured, on track, temporary, etc.
- Rank: instructor, assistant professor, associate professor, professor
- Salary
Importance of Annual Data Collection

The research data on trends and key characteristics of ATMAE faculty:

- will help institutions to focus on ways of preparing qualified faculty members and administrators for the future

- will enable ATMAE programs to look forward & address some very important issues affecting the development of the programs including the preparation of qualified faculty for the future
Institutional Accreditor (regional accrediting agency)
Program Information - Please check all degrees offered by your department

- Associates Degrees
- Baccalaureate Degree
- Masters Degrees
- Doctoral Degrees
- Other (please specify)
Programs in Engineering & Technology
## Students & Course Delivery Methods

<table>
<thead>
<tr>
<th>Degree</th>
<th>Total Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baccalaureate Degree</td>
<td>8,908</td>
</tr>
<tr>
<td>Masters Degree</td>
<td>358</td>
</tr>
<tr>
<td>Doctoral Degree</td>
<td>27</td>
</tr>
</tbody>
</table>

- All institutions have face-to-face courses.
- Out of all institutions, 29 offer on-line courses (82.86%), and 24 have hybrid course delivery method (68.57%).
Online Program Accreditation

Should ATMAE accredit on-line programs?

- Yes: 50.00%
- No: 10.00%
- Neutral: 40.00%

Responses
Impact of ATMAE Accreditation on Programs

Positive Impact of ATMAE Accreditation on the Program

- Faculty Recruitment and Retention
- Student Enrollment
- Graduate Placement
- Acceptance of Graduates by Companies
- Allocation of Resources
- Programs' Image
# Teaching Experience of Faculty

## Answer Choices

<table>
<thead>
<tr>
<th>Answer Choices</th>
<th>Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than one year teaching</td>
<td>54.29%</td>
</tr>
<tr>
<td>1 to 5 years teaching</td>
<td>74.29%</td>
</tr>
<tr>
<td>6 to 10 years teaching</td>
<td>85.71%</td>
</tr>
<tr>
<td>11 to 15 years teaching</td>
<td>77.14%</td>
</tr>
<tr>
<td>more than 15 years teaching</td>
<td>88.57%</td>
</tr>
</tbody>
</table>
Faculty Field of Preparation

- Engineering Technology: 265, 39%
- Engineering: 166, 25%
- Industrial Technology: 110, 16%
- Technology Management: 86, 13%
- Trade/Industrial/Vocational-Technical Education: 44, 7%
Faculty employment Status

Frequency

- 47% Tenured
- 33% Tenure-track
- 20% Temporary (non tenure-track)
Faculty ranks

- Professor: 28%
- Associate Professor: 18%
- Assistant Professor: 13%
- Instructor (full time): 29%
- Adjunct Lecturer (part time): 12%
Highest Degree Earned

Frequency

- Doctor of Philosophy: 37%
- Doctor of Education: 8%
- Doctor of Industrial Technology: 30%
- Education Specialist: 2%
- Master of Science: 7%
- Master of Arts: 1%
- Bachelor of Science: 15%
Faculty Breakdown by Racial/Ethnic Background

- African American: 3%
- Asian/Pacific Islander: 6%
- Caucasian: 9%
- Latino/Hispanic: 10%
- Middle Eastern/Arabic: 71%
- Multi-Ethnic: 0%
- Native American: 0%
Faculty Breakdown by time

Total full time faculty: 561

Total part time faculty: 304
Expected Qualifications for a New Faculty

Qualifications expected of new faculty (please rate the following in terms of their importance based on a scale of 1-5, with 1 being LEAST important and 5 being MOST important)
Faculty Recruitment Sources

How are new faculty recruited? (please check all that apply)

- University Placement Services: [Graph data]
- Industry Contacts: [Graph data]
- Professional Journals: [Graph data]
- Conferences: [Graph data]
- Advertisements: [Graph data]
- Websites: [Graph data]
- Other (please specify): [Graph data]

Responses
### 4-year Degree Program Salary Data

<table>
<thead>
<tr>
<th>Variable</th>
<th>Mean</th>
<th>Single Minimum</th>
<th>Median</th>
<th>Single Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate Dean/Associate Direct</td>
<td>155,556</td>
<td>122,000</td>
<td>150,000</td>
<td>200,000</td>
</tr>
<tr>
<td>Department Head/Chair (12-month con)</td>
<td>137,444</td>
<td>115,000</td>
<td>125,000</td>
<td>175,000</td>
</tr>
<tr>
<td>Professor (9-month contract)</td>
<td>107,806</td>
<td>87,000</td>
<td>101,000</td>
<td>150,000</td>
</tr>
<tr>
<td>Associate Professor (9-month con)</td>
<td>83,388</td>
<td>63,000</td>
<td>82,935</td>
<td>130,000</td>
</tr>
<tr>
<td>Assistant Professor (9-month con)</td>
<td>74,934</td>
<td>45,000</td>
<td>72,000</td>
<td>120,000</td>
</tr>
<tr>
<td>New Assistant Professor less than 2 years (9 month con)</td>
<td>75,780</td>
<td>42,500</td>
<td>81,000</td>
<td>110,000</td>
</tr>
<tr>
<td>Assistant Professors without Doctoral degree</td>
<td>70,000</td>
<td>40,000</td>
<td>68,500</td>
<td>100,000</td>
</tr>
<tr>
<td>Full-time Instructors (9-month con)</td>
<td>56,980</td>
<td>40,000</td>
<td>58,000</td>
<td>75,000</td>
</tr>
<tr>
<td>Lecturers/Adjunct Faculty (per course)</td>
<td>4,596</td>
<td>2,100</td>
<td>3,600</td>
<td>14,000</td>
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</tbody>
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## Projected Retirement of Faculty

<table>
<thead>
<tr>
<th>Answer Choices</th>
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<tbody>
<tr>
<td>Less than five years</td>
<td>82.86%</td>
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<tr>
<td>6 to 10 years</td>
<td>88.57%</td>
</tr>
<tr>
<td>11 to 15 years</td>
<td>71.43%</td>
</tr>
<tr>
<td>16 to 20 years</td>
<td>68.57%</td>
</tr>
<tr>
<td>More than 20 years</td>
<td>54.29%</td>
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<td>29</td>
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<td>31</td>
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<td>19</td>
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