

APASP Unit of Analysis Datasheet

Unit of Analysis: Energy Technology

Unit No: 156.00

College: Missoula College

Author: Tom Gallagher

Department: Appl Computing & Engineering

Degree: Associate

Major: Energy Technology

Program Information Data (Not a criterion, Not Weighted):

| Energy Technology | 2013 | 2014 | 2015 | 2016 | 2017 |
|-------------------------------------------------------|-----------|----------|----------|---------|---------|
| Instructional Faculty FTE (includes Grad Asst) | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| TT/T Instructional Faculty FTE | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Personnel Costs (w/o benefits) | \$172,577 | \$40,460 | \$33,547 | \$6,609 | \$4,357 |
| Total Personnel Benefit Cost | \$33,551 | \$13,510 | \$8,845 | \$2,166 | \$697 |
| Faculty Personnel Cost (w/o benefits) | \$99,793 | \$3,400 | \$3,400 | \$3,800 | \$3,660 |
| Research Faculty FTE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Criteria 2 Metric 1: 5 YA of SCH for Gen-Ed courses, total (2Y, UG) – Department Metric

| Department for Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | Quintile (score 1-5) |
|---------------------------------|------|------|------|------|------|----------------------|
| Energy Technology | 348 | 342 | 348 | 285 | 273 | 1 |

Criteria 2 Metric 2: 5 YA of SCH for Gen-Ed courses, per instructional FTE – Department Metric

| Department for Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | Quintile (score 1-5) |
|---------------------------------|------|------|------|------|------|----------------------|
| Energy Technology | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |

Criteria 2 Metric 3: 5 YA of SCH ratio of non-majors to total – Department Metric

| Department for Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | Quintile (score 1-5) |
|---------------------------------|---------|---------|---------|---------|---------|----------------------|
| Non-Major SCH | 1,172.0 | 1,042.0 | 891.0 | 842.0 | 828.0 | |
| Total SCH | 4,109.0 | 3,438.0 | 2,830.0 | 2,367.0 | 1,976.0 | 2 |
| Percent | 28.5% | 30.3% | 31.5% | 35.6% | 41.9% | |

Criteria 3 Metric 1: Number of Majors and Metric 2: Trend over 5 years

| Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg | Quintile (score 1-5) | |
|-----------------------------------------------|-------|------|------|------|------|----------|----------------------|--|
| Energy Technology | 118.0 | 90.0 | 66.0 | 54.0 | 30.0 | 71.6 | 3 | |
| Trend | | | | | | | | |
| Trend Analysis (slope of metric over 5 years) | | | | | | -1.0 | 1.0 | |

Concentrations

| | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg |
|--|-------------|-------------|-------------|-------------|-------------|-----------------|
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |

Minors

| | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg |
|--|-------------|-------------|-------------|-------------|-------------|-----------------|
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |

| | | | | | | |
|--|------|------|------|------|------|------|
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
|--|------|------|------|------|------|------|

Certificates

| | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg |
|--|------|------|------|------|------|----------|
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |

Criteria 3 Metric 5: 5YA of Degrees Awarded and Metric 6: Trend over 5 years

| Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg | Quintile (score 1-5) |
|-----------------------------------------------|------|------|------|------|------|----------|----------------------|
| Energy Technology | 14.0 | 5.0 | 10.0 | 2.0 | 4.0 | 7.0 | 1 |
| Trend | | | | | | | |
| Trend Analysis (slope of metric over 5 years) | | | | | | -0.6 | 1 |

Criteria 3 Metric 7: 5 YA of minors awarded

| Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg | Quintile (score 1-5) |
|------------------|------|------|------|------|------|----------|----------------------|
|------------------|------|------|------|------|------|----------|----------------------|

Criteria 5 Metric 1: UG SCH per instructional FTE – Department Metric

| Department for Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg | Quintile (score 1-5) |
|---------------------------------|-------|------|------|------|------|----------|----------------------|
| Energy Technology | 365.4 | 0.0 | 0.0 | 0.0 | 0.0 | 73.1 | 0 |

Criteria 5 Metric 2: UG SCH per T/TT Faculty FTE – Department Metric

| Department for Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg | Quintile (score 1-5) |
|---------------------------------|-------|------|------|------|------|----------|----------------------|
| Energy Technology | 347.0 | 0.0 | 0.0 | 0.0 | 0.0 | 69.4 | 0 |

Criteria 5 Metric 5: Expenditures Grants & Contracts per TT/T and Research Faculty and Metric 6: 5 year Trend – Department Metric

| Department for Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg | Quintile (score 1-5) | |
|------------------------------------------------------|----------|----------|------|------|------|----------|----------------------|--|
| Energy Technology | \$43,806 | \$33,734 | \$0 | \$0 | \$0 | \$15,508 | 0 | |
| Trend | | | | | | | | |
| Trend Analysis (slope of metric over 5 years) | | | | | | 0 | 0 | |

Criteria 5 Metric 7: IDC Generated per TT/T and Research Faculty – Department Metric

| Department for Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg | Quintile (score 1-5) |
|---------------------------------|----------|----------|------|------|------|----------|-------------------------|
| Energy Technology | \$18,398 | \$13,625 | \$0 | \$0 | \$0 | \$6,405 | 0 |

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Unit No: 156.00

College: Missoula College

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Degree: Certificate

Major: Energy Technology

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| Energy Technology | 2013 | 2014 | 2015 | 2016 | 2017 |
|-------------------------------------------------------|-----------|----------|----------|---------|---------|
| Instructional Faculty FTE (includes Grad Asst) | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| TT/T Instructional Faculty FTE | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Personnel Costs (w/o benefits) | \$172,577 | \$40,460 | \$33,547 | \$6,609 | \$4,357 |
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| Faculty Personnel Cost (w/o benefits) | \$99,793 | \$3,400 | \$3,400 | \$3,800 | \$3,660 |
| Research Faculty FTE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Criteria 2 Metric 1: 5 YA of SCH for Gen-Ed courses, total (2Y, UG) – Department Metric

| Department for Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | Quintile (score 1-5) |
|---------------------------------|------|------|------|------|------|----------------------|
| Energy Technology | 348 | 342 | 348 | 285 | 273 | 1 |

Criteria 2 Metric 2: 5 YA of SCH for Gen-Ed courses, per instructional FTE – Department Metric

| Department for Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | Quintile (score 1-5) |
|---------------------------------|------|------|------|------|------|----------------------|
| Energy Technology | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |

Criteria 2 Metric 3: 5 YA of SCH ratio of non-majors to total – Department Metric

| Department for Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | Quintile (score 1-5) |
|---------------------------------|---------|---------|---------|---------|---------|----------------------|
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| Total SCH | 4,109.0 | 3,438.0 | 2,830.0 | 2,367.0 | 1,976.0 | 2 |
| Percent | 28.5% | 30.3% | 31.5% | 35.6% | 41.9% | |

Criteria 3 Metric 1: Number of Majors and Metric 2: Trend over 5 years

| Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg | Quintile (score 1-5) |
|-----------------------------------------------|------|------|------|------|------|----------|----------------------|
| Energy Technology | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 0.8 | 0 |
| Trend | | | | | | | |
| Trend Analysis (slope of metric over 5 years) | | | | | | 0.0 | 0.0 |

Concentrations

| | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg |
|--|-------------|-------------|-------------|-------------|-------------|-----------------|
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |

Minors

| | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg |
|--|-------------|-------------|-------------|-------------|-------------|-----------------|
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |

| | | | | | | |
|--|------|------|------|------|------|------|
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
|--|------|------|------|------|------|------|

Certificates

| | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg |
|--|------|------|------|------|------|----------|
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |
| | #N/A | #N/A | #N/A | #N/A | #N/A | #N/A |

Criteria 3 Metric 5: 5YA of Degrees Awarded and Metric 6: Trend over 5 years

| Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg | Quintile (score 1-5) |
|-----------------------------------------------|------|------|------|------|------|----------|----------------------|
| Energy Technology | 0.0 | 2.0 | 0.0 | 2.0 | 8.0 | 2.4 | 0 |
| Trend | | | | | | | |
| Trend Analysis (slope of metric over 5 years) | | | | | | 0 | 0 |

Criteria 3 Metric 7: 5 YA of minors awarded

| Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg | Quintile (score 1-5) |
|------------------|------|------|------|------|------|----------|----------------------|
|------------------|------|------|------|------|------|----------|----------------------|

Criteria 5 Metric 1: UG SCH per instructional FTE – Department Metric

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|---------------------------------|-------|------|------|------|------|----------|----------------------|
| Energy Technology | 365.4 | 0.0 | 0.0 | 0.0 | 0.0 | 73.1 | 0 |

Criteria 5 Metric 2: UG SCH per T/TT Faculty FTE – Department Metric

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|---------------------------------|-------|------|------|------|------|----------|----------------------|
| Energy Technology | 347.0 | 0.0 | 0.0 | 0.0 | 0.0 | 69.4 | 0 |

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|------------------------------------------------------|----------|----------|------|------|------|----------|----------------------|--|
| Energy Technology | \$43,806 | \$33,734 | \$0 | \$0 | \$0 | \$15,508 | 0 | |
| Trend | | | | | | | | |
| Trend Analysis (slope of metric over 5 years) | | | | | | 0 | 0 | |

Criteria 5 Metric 7: IDC Generated per TT/T and Research Faculty – Department Metric

| Department for Unit of Analysis | 2013 | 2014 | 2015 | 2016 | 2017 | 5 Yr Avg | Quintile (score 1-5) |
|---------------------------------|----------|----------|------|------|------|----------|-------------------------|
| Energy Technology | \$18,398 | \$13,625 | \$0 | \$0 | \$0 | \$6,405 | 0 |