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# Appendix D – Institutional Summary

This summary contains vital information about SDSM&T including address, president, provost, its organization and control.

## The institution

1. South Dakota School of Mines and Technology

501 E. Saint Joseph St.   
Rapid City, SD 57701

1. Dr. Heather Wilson, President

O’Harra building, room 215a

[Heather.Wilson@sdsmt.edu](mailto:Heather.Wilson@sdsmt.edu)

605-215-2411

1. Dr. Demitris Kouris, Provost and Vice President for Academic Affairs

O’Harra building, room 215b

[Demitris.Kouris@sdsmt.edu](mailto:Demitris.Kouris@sdsmt.edu)

605-394-2256

1. Organizations by which the institution is now accredited and the dates of the initial and most recent accreditation evaluations.

|  |  |  |
| --- | --- | --- |
| **Accreditation Unit** | **Date of Initial Accreditation** | **Date of Most Recent Accreditation or Approval** |
| Higher Learning Commission of the North Central Association | 1925 | 2014-2015 |
| Engineering Accreditation Commission of ABET, Inc. | 1936 | Mining Engineering 2010  Chemical Engineering 2011  Civil Engineering 2011  Computer Engineering 2011  Electrical Engineering 2011  Geological Engineering 2011  Industrial Engineering and Engineering Management 2011  Mechanical Engineering 2011  Metallurgical Engineering 2011 |
| American Chemical Society\* | 1950 | Chemistry 2007 (approval for 2015 review cycle is pending) |
| Computing Accreditation Commission of ABET, Inc. | 1992 | Computer Science 2014 |

\* The American Chemical Society “approves” programs in chemistry on a 5-year review cycle

## Type of control

State public university, governed by the South Dakota Board of Regents

## Educational unit

Academic Affairs at SD Mines is a single division without colleges. Fifteen departments (listed in Section 4 below) offer 16 undergraduate programs, 14 Master’s programs, and 9 Ph.D. programs (see <http://www.sdsmt.edu/Academics/Degrees/All-SD-Mines-Degrees/>). The department heads and program chairs or directors meet twice monthly with Dr. Kouris, Provost and Vice President for Academic Affairs, in the Academic Leadership Council (ALC). In addition, the department heads meet as needed on a one-on-one with the provost.

The department heads of all programs under review by the EAC of ABET, Inc. in the 2016-2017 cycle are members of the Academic Leadership Council (ALC) and, as such, report directly to the provost. The provost reports directly to Dr. Wilson, President of SD Mines. An associate provost, Dr. Kate Alley, and an associate provost for academic administration, Molly Moore, assist the provost but are not members of the ALC.

The Dean of Graduation Education, Dr. Doug Wells, reports to Dr. Kouris, Provost and Vice President for Academic Affairs and is a member of the ALC. (See the Office of Graduate Education at (<http://www.sdsmt.edu/GraduateEducation/>).

Additional units reporting directly to the provost include the [Center for Advanced Manufacturing and Production (CAMP)](http://www.sdsmt.edu/CAMP/), the Deveraux Library, Information Technology Services, Admissions and the Registrar and Academic Services, the Museum of Geology, Youth Programs, and the Women in Science and Engineering program.

The organizational chart for SD Mines is below in Figure D-1 and can be viewed in larger format online at

<http://www.sdsmt.edu/About/Office-of-the-President/Organizational-Chart/>

## Academic support units

The following are the department names and the names and titles of the individuals responsible for each of the units that teach courses required by the program being evaluated or may be taken by students in the program being evaluated:

[Chemical and Biological Engineering](http://www.sdsmt.edu/cbe/)

Dr. Robb M Winter, Head and Professor Chemical and Biological Engineering, Chemical and Biological Engineering building, room 2202A, (605) 394-1237, [robb.winter@sdsmt.edu](mailto:robb.winter@sdsmt.edu) secretary: [Lila.Baskerville@sdsmt.edu](mailto:Lila.Baskerville@sdsmt.edu), 605-394-2421

[Chemistry and Applied Biological Sciences](http://www.sdsmt.edu/Academics/Departments/Chemistry-and-Applied-Biological-Sciences/Chemistry-and-Applied-Biological-Sciences/)

Dr. Richard R Sinden, Head and Professor Chemistry and Applied Biological Sciences, Chemical and Biological building, room C219, (605) 394-1678, [Richard.Sinden@sdsmt.edu](mailto:Richard.Sinden@sdsmt.edu), secretary: [Tara.Huber@sdsmt.edu](mailto:Tara.Huber@sdsmt.edu) (605) 394-1238

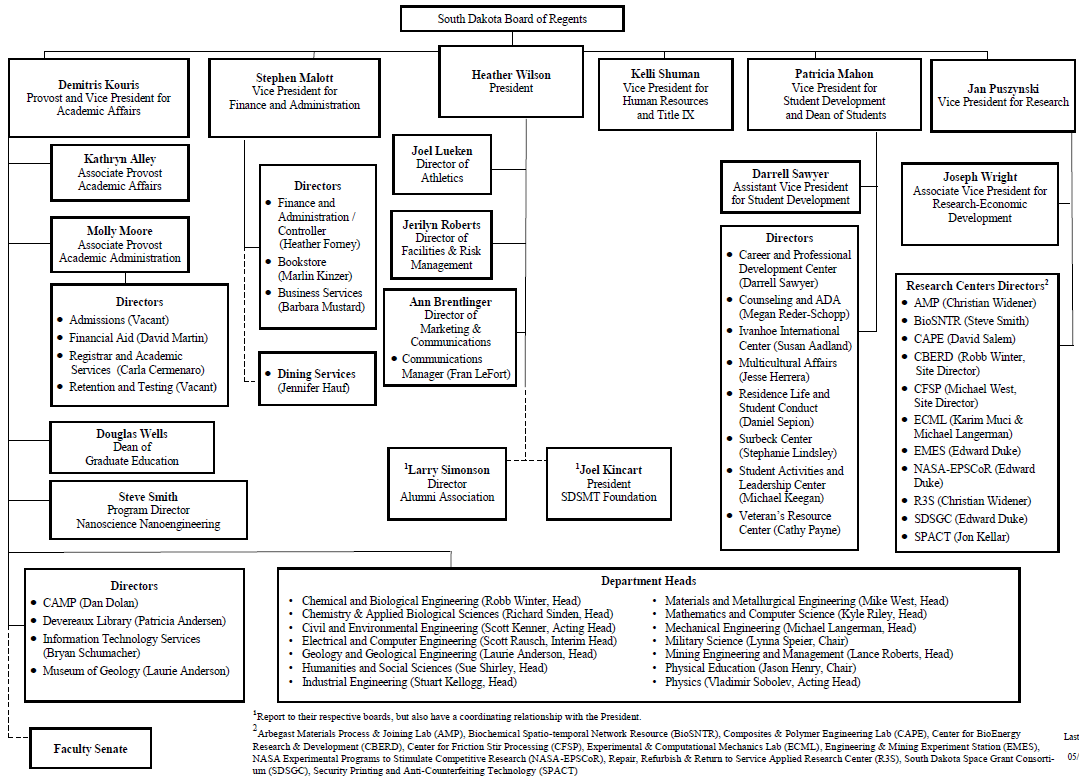


Figure D-1 Organizational Chart for SD Mines (updates 05/04/16)

[Civil and Environmental Engineering](http://www.sdsmt.edu/Academics/Departments/Civil-and-Environmental-Engineering/Civil-and-Environmental-Engineering/)

Dr. Scott J Kenner, Interim Department Head and Professor Civil and Environmental Engineering, Civil and Mechanical Engineering building, room 122, (605) 394-1697, [scott.kenner@sdsmt.edu](mailto:scott.kenner@sdsmt.edu) secretary: [Ellen.Haffner@sdsmt.edu](mailto:Ellen.Haffner@sdsmt.edu) (605) 394-2490

[Electrical and Computer Engineering](http://www.sdsmt.edu/Academics/Departments/Electrical-and-Computer-Engineering/Electrical-and-Computer-Engineering/)

Dr. Scott E Rausch, Interim Department Head and Instructor Electrical and Computer Engineering, Electrical and Computer Engineering building, room 318, (605) 394-1219, [Scott.Rausch@sdsmt.edu](mailto:Scott.Rausch@sdsmt.edu) secretary: [deb.tompkins@sdsmt.edu](mailto:deb.tompkins@sdsmt.edu) (605) 394-2451

[Geology and Geological Engineering](http://www.sdsmt.edu/Academics/Departments/Geology-and-Geological-Engineering/Geology-and-Geological-Engineering/)

Dr. Laurie C Anderson, Head and Professor Geology and Geological Engineering, Metallurgical building, room 303, (605) 394-1290, [Laurie.Anderson@sdsmt.edu](mailto:Laurie.Anderson@sdsmt.edu) secretary: [Cleo.Heenan@sdsmt.edu](mailto:Cleo.Heenan@sdsmt.edu) (605)-394-2461

[Humanities](http://www.sdsmt.edu/Academics/Departments/Humanities/Humanities/)

Dr. Sue Shirley, Head Social Sciences, Head and Professor Humanities, Classroom building, room 310, (605) 394-2482, [susan.shirley@sdsmt.edu](mailto:susan.shirley@sdsmt.edu) secretary: [debra.zeidler@sdsmt.edu](mailto:debra.zeidler@sdsmt.edu) (605) 394-2481

[Industrial Engineering](http://www.sdsmt.edu/IE/)

Dr. Stuart Kellogg, Department Head and Pietz Professor Industrial Engineering, Devereaux Library lower level, (605) 394-6152, [stuart.kellogg@sdsmt.edu](mailto:stuart.kellogg@sdsmt.edu) secretary: [c.krein@sdsmt.edu](mailto:c.krein@sdsmt.edu) (605) 394-1271

[Materials and Metallurgical Engineering](http://www.sdsmt.edu/Academics/Departments/Materials-and-Metallurgical-Engineering/Materials-and-Metallurgical-Engineering/)

Dr. Michael K West**,** Head and Associate professor Materials and Metallurgical Engineering, Metallurgical building, room 108, (605) 394-1283, [Michael.West@sdsmt.edu](mailto:Michael.West@sdsmt.edu) secretary [Jessica.Zacher@sdsmt.edu](mailto:Jessica.Zacher@sdsmt.edu) (605) 394-2341

[Mathematics and Computer Science](http://www.sdsmt.edu/Academics/Departments/Mathematics-and-Computer-Science/Mathematics-and-Computer-Science/)

Dr. Kyle L Riley, Head and Professor Mathematics and Computer Science, Math and Computer Science building, room 308, (605) 394-2471, [kyle.riley@sdsmt.edu](mailto:kyle.riley@sdsmt.edu) secretary: [Reta.Davies@sdsmt.edu](mailto:Reta.Davies@sdsmt.edu), (605) 394-2471

[Mechanical Engineering](http://www.sdsmt.edu/Academics/Departments/Mechanical-Engineering/Mechanical-Engineering/)

Dr. Michael A. Langerman, Head and Professor, Mechanical Engineering

Civil and Mechanical Engineering building, room 133, (605) 394-2408, [michael.langerman@sdsmt.edu](mailto:michael.langerman@sdsmt.edu), secretary: Leslee A Moore (605) 394-2401

[Military Science](http://www.sdsmt.edu/Academics/Departments/Military-Science/Military-Science/)

Col Lynna M. Speier, Classroom building room 115, (605)-394-2769, [Lynna.Speier@sdsmt.edu](mailto:Lynna.Speier@sdsmt.edu)

[Mining Engineering and Management](http://www.sdsmt.edu/Academics/Departments/Mining-Engineering-and-Management/Mining-Engineering-and-Management/)

Dr. Lance A. Roberts, Head and Professor Mining Engineering and Management, Metallurgical building, room 235B, 605-394-1973, [Lance.Roberts@sdsmt.edu](mailto:Lance.Roberts@sdsmt.edu) secretary: [cindy.hise@sdsmt.edu](mailto:cindy.hise@sdsmt.edu), (605) 394-2344

[Physical Education](http://www.sdsmt.edu/Academics/Departments/Physical-Education/Physical-Education/)

Jason P. Henry, Head Men's Basketball Coach/Assistant Athletic Director/Department Chair/Associate Professor, King Center building, room 118, (605) 355-3023, [Jason.Henry@sdsmt.edu](mailto:Jason.Henry@sdsmt.edu)

[Physics](http://www.sdsmt.edu/Academics/Departments/Physics/Physics/)

Dr. Andre Petukhov, Head and Professor Physics, Electrical and Computer Engineering building, room 235A, (605) 394-2364, [Andre.Petukhov@sdsmt.edu](mailto:Andre.Petukhov@sdsmt.edu) secretary: [Connie.Krosschell@sdsmt.edu](mailto:Connie.Krosschell@sdsmt.edu), (605) 394-2361

[Social Sciences](http://www.sdsmt.edu/SocialSciences/)

Dr. Sue Shirley, Head Social Sciences, Head and Professor Humanities, Classroom building, room 310, (605) 394-2482, [susan.shirley@sdsmt.edu](mailto:susan.shirley@sdsmt.edu) secretary: [debra.zeidler@sdsmt.edu](mailto:debra.zeidler@sdsmt.edu) (605) 394-2481

## Non-academic support units

The following are the department names and the names and titles of the individuals responsible for each of the units that provide non-academic support to the program being evaluated:

[Admissions](http://www.sdsmt.edu/Admissions/)

Molly Moore, O’Harra building room 216A, 605-394-5236, [Molly.Moore@sdsmt.edu](mailto:Molly.Moore@sdsmt.edu)

[Athletic Department](http://www.sdsmt.edu/Athletics/Hardrocker-Athletics/)

Joel Lueken, King Center room 113, 605-394-2352, [Joel.Lueken@sdsmt.edu](mailto:Joel.Lueken@sdsmt.edu)

[The Career and Professional Development Center](http://www.sdsmt.edu/CareerCenter/)

Darrell Sawyer, Surbeck Center, (605) 394-2667, [Darrell.Sawyer@sdsmt.edu](mailto:Darrell.Sawyer@sdsmt.edu)

[Dean of Students Office](http://www.sdsmt.edu/Campus-Life/Dean-of-Students/)

Dr. Patricia Mahon, Surbeck Center, (605) 394-2416, [Patricia.Mahon@sdsmt.edu](mailto:Patricia.Mahon@sdsmt.edu)

[Devereaux Library](http://www.sdsmt.edu/Academics/Library/Devereaux-Library/)

Patricia M Andersen, Library 213, (605) 394-1255,[Patricia.Andersen@sdsmt.edu](mailto:Patricia.Andersen@sdsmt.edu)

[Disability Services/ADA – Counseling](http://www.sdsmt.edu/Campus-Life/Student-Support/Counseling/)

Megan Reder-Schopp, Surbeck Center, 394-6988, [Megan.Reder-Schopp@sdsmt.edu](mailto:Megan.Reder-Schopp@sdsmt.edu)

[Information Technology Services](http://www.sdsmt.edu/its/)

Bryan J Schumacher, Electrical Engineering Building room 134, (605) 394-5102, [Bryan.Schumacher@sdsmt.edu](mailto:Bryan.Schumacher@sdsmt.edu)

[Ivanhoe International Center](http://www.sdsmt.edu/international/)

Susan R Aadland, Surbeck Center room IIC, (605) 394-6884, [Susan.Aadland@sdsmt.edu](mailto:Susan.Aadland@sdsmt.edu)

[Multicultural Affairs](http://www.sdsmt.edu/Campus-Life/Multicultural-Affairs/)

Jesse Herrera, Surbeck Center lower Level, (605) 394-1828, [Jesse.Herrera@sdsmt.edu](mailto:Jesse.Herrera@sdsmt.edu)

[Office of Residence Life](http://www.sdsmt.edu/Campus-Life/Housing-and-Dining/Residence-Life/Housing-Information/Residence-Halls/)

Dan Sepion, Surbeck Center, (605) 394-2348, [Daniel.Sepion@sdsmt.edu](mailto:Daniel.Sepion@sdsmt.edu)

[Office of the Registrar and Academic Services](http://www.sdsmt.edu/Registrar/)

Carla Cermenaro, O’Harra building room 201, 605-394-2649, [Carla.Cermenaro@sdsmt.edu](mailto:Carla.Cermenaro@sdsmt.edu)

[The Omniciye Bridge Program and Jump Start Program](http://www.sdsmt.edu/JumpStart/)

Jesse Herrera, Surbeck Center lower Level, (605) 394-1828, [Jesse.Herrera@sdsmt.edu](mailto:Jesse.Herrera@sdsmt.edu)

[Student Activities and Leadership Center](http://www.sdsmt.edu/Campus-Life/Student-Activities/)

Michael Keegan, Surbeck Center lower level, (605) 394-2336, [Michael.Keegan@sdsmt.edu](mailto:Michael.Keegan@sdsmt.edu)

[Testing, Tutoring and Academic Support](http://www.sdsmt.edu/Academics/Tutoring-and-Academic-Support/)

Tom Mahon, Devereaux Library room 110, (605) 394-2428, [Thomas.Mahon@sdsmt.edu](mailto:Thomas.Mahon@sdsmt.edu)

[Tiospaye in Engineering and Tiospaye in Science Program](http://www.sdsmt.edu/Academics/Cocurricular-Programs/Tiospaye/)

Dr. Carter J. Kerk, McLaury 104A, room 309, (605) 394-1291/(605) 394-6067, [carter.kerk@sdsmt.edu](mailto:carter.kerk@sdsmt.edu)

[University Counseling](http://www.sdsmt.edu/Campus-Life/Student-Support/Counseling/)

[Megan Reder-Schopp](mailto:Megan.Reder-Schopp@sdsmt.edu?subject=Website%20Inquiry) Megan Reder-Schopp [Megan Reder-Schopp [Megan Reder-Schopp Megan Reder-SchoppMegan Reder-Schopp[Megan Reder-Schopp](mailto:Megan.Reder-Schopp@sdsmt.edu?subject=Website%20Inquiry)](mailto:Megan.Reder-Schopp@sdsmt.edu?subject=Website%20Inquiry)](mailto:Megan.Reder-Schopp@sdsmt.edu?subject=Website%20Inquiry) Megan Reder-Schopp, Surbeck Center, 394-6988394-6988, [Megan.Reder-Schopp@sdsmt.edu](mailto:Megan.Reder-Schopp@sdsmt.edu)

[Veterans’ Resource Center](http://www.sdsmt.edu/Campus-Life/Veterans-Resource-Center/)

Cathy Payne, Surbeck Center lower level, (605) 394-2560, [catherine.payne@sdsmt.edu](mailto:catherine.payne@sdsmt.edu)

[Women in Science and Engineering (WiSE)](http://www.sdsmt.edu/WiSE/)

Lisa Carlson, McLaury room 202, (605) 394-5261, [Lisa.Carlson@sdsmt.edu](mailto:Lisa.Carlson@sdsmt.edu) **Lisa Carlson**  **Lisa Carlson**

1. **Credit unit**

One semester credit represents one class hour or three laboratory hours per week. One academic year normally represents at least 28 weeks of classes, exclusive of final examinations.

1. **Tables**

Tables D-1 and D-2 show enrollment data and summarize personnel data for the BS Metallurgical Engineering program.

## Table D-1  BS Metallurgical Engineering Program Enrollment and Degree Data

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Academic Year | FT/PT | Year of matriculation  (fall enrollment) | | | | | | Total  undergrad | Total  grad | Degrees awarded  (For one year period)) | | | |
| 1st | 2nd | 3rd | 4th | | 5th | Assoc  (N/A) | Bachelors  (Met Eng) | MS\* | PhD\* |
| 2015-16  (Current) | FT | 48 | 32 | 17 | | 25 |  | 122 | 20 |  | 17 | 6 | 0 |
| PT | 1 |  | 3 | | 7 |  | 11 | 14 |
| 2014-15 | FT | 42 | 17 | 17 | | 26 |  | 102 | 20 |  | 13 | 8 | 2 |
| PT |  | 2 | 4 | | 3 |  | 9 | 12 |
| 2013-14 | FT | 21 | 20 | 8 | | 27 |  | 76 | 19 |  | 7 | 5 | 2 |
| PT | 3 | 1 |  | | 2 |  | 6 | 10 |
| 2012-13 | FT | 15 | 12 | 17 | | 19 |  | 63 | 22 |  | 14 | 6 | 1 |
| PT |  | 1 |  | | 4 |  | 5 | 11 |
| 2011-12 | FT | 20 | 15 | 21 | | 19 |  | 75 | 22 |  | 16 | 7 | 1 |
| PT |  | 1 |  | |  |  | 1 | 9 |

\*Number of MES and Biomedical Engineering graduates having a MET ENG major thesis advisor

|  |  |  |  |
| --- | --- | --- | --- |
| Table D-2 Personnel in Metallurgical Engineering in 2015-16 | | | |
| Category | HEAD COUNT | | FTE | |
| FT | PT |
| Administrative  (West) | 1 |  | 0.5 | |
| Faculty (tenure-track)  (Crawford, Cross, Jasthi, Kellar, Safarzadeh, Salem, West, Widener) | 8 |  | 7.5 | |
| Other faculty  (Howard) |  | 1 | 0.3 | |
| Student teaching assistants |  | 5 | 5.0 | |
| Technicians/specialists  (Hong, Meruga, Qiung, Randle) | 3 | 1 | 4.064 | |
| Office/clerical employees  (Schweigerdt, Zacher) | 2 |  | 2.0 | |
| Others (none) |  |  |  | |

One FTE equals the institutional-defined full-time load. For student teaching assistants, one FTE equals 20 hours per week of work or service. For undergraduate and graduate students, one FTE equals 15 semester credit-hours per term of institutional course work.

Table D-3 SDSM&T executive metrics (cont’d)



Table D-3 SDSM&T executive metrics (cont’d)



Table D-3 SDSM&T executive metrics (cont’d)



Table D-3 SDSM&T executive metrics (cont’d)



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