

TRANSFER ARTICULATION AGREEMENT

This TRANSFER ARTICULATION AGREEMENT ("**Agreement**") is made between Colorado School of Mines with offices at 1500 Illinois St., Golden, CO 80401 ("**Mines**") and the State of Colorado, Department of Higher Education, State Board for Community Colleges and Occupational Education, for the use and benefit of the Colorado Community College System with offices at 9101 E. Lowry Blvd. Denver, CO 80230 ("**CCCS**"). Mines and CCCS may each be referred to herein as "Party", and collectively as "Parties".

RECITALS

A. Mines is a public research university focused on science and engineering, where students and faculty together address the great challenges society faces today-particularly those related to the Earth, energy, and the environment.

B. Each of the thirteen community colleges that constitute the CCCS ("**CCCS School**") is a regionally-accredited post-secondary institution of higher learning that offers accredited programs that educate and qualify students to receive associate of arts ("**AA**") and associate of science ("**AS**") degrees, as well as other post-secondary degrees and certificates.

C. The Parties wish to collaborate on the terms set forth in this Agreement to promote and facilitate a program ("**Mines Transfer Program**") for the transfer of any student from a CCCS School ("**CCCS Student**") to Mines so that such student may be able to complete the courses needed to earn a bachelor's degree from Mines. In furtherance of this purpose, this Agreement, among other things, identifies the courses a CCCS Student must complete and any other requirements that must be satisfied in earning a CCCS Associate of Engineering Science ("**AES**") degree in order to qualify for the Mines Transfer Program assurance specified in Section 1.1 below.

NOW, THEREFORE, in consideration of the mutual promises and covenants set forth in this Agreement, the Parties agree as follows:

1. Elements of Mines Transfer Program.

1.1 A CCCS Student who meets the Mines transfer requirements outlined below will be considered for admission:

A. Admissions Requirements: Colorado School of Mines seeks to admit a diverse and dynamic student population representative of the State of Colorado, the nation, and beyond. Mines admits students who have demonstrated the ability to accomplish classroom and laboratory work and benefit from our programs. Admission is competitive and the decision to admit a student is based on our confidence in one's ability to earn a degree at Mines. An applicant to Mines is considered to be a transfer student if he/she/they has enrolled in coursework at another college after graduating from high school. The minimum requirements for admission consideration for all transfer students is outlined in the Mines catalog. The catalog that is in effect at the time of the student's initial enrollment at Mines will be used in determining

admission.

- B. Treatment of GPA: The grade point average of the transfer student for admission purposes will be as computed by the Mines Admissions Office and will be performed in accordance with the established procedures outlined in the version of the Mines Catalog that is in effect at the time of the student's initial enrollment at Mines. Once admitted and enrolled at Mines, the calculation of the student's grade point average will be determined only from the courses completed at Mines.
- C. Treatment of the AES degree will be evaluated for admission purposes using the course equivalencies established between CCCS and Mines. The explicit requirements for the AES from the CCCS are outlined in Appendix A.
- D. Application procedures and deadlines: A transfer student should apply for admission to Mines at the beginning of the final quarter or semester of attendance at their CCCS institution. Application deadlines are listed on the Mines website at <https://www.mines.edu/undergraduate-admissions/transferstudents/>. The application will be evaluated upon receipt of the completed application form, high school transcript or copy of the GED, transcripts covering all work taken from each university or college attended, and a list of courses in progress. All of these materials must be received at Mines no later than 28 days prior to the date of registration for the semester in which the student plans to enroll. Mines Admissions will notify the student about his/her/their admission status. Admission is subject to satisfactory completion of current courses in progress and submission of a final, complete transcript.

1.2 Any CCCS Student who is admitted to Mines through the Mines Transfer Program ("**CCCS Transfer Student**") will be subject to all of the remaining graduation requirements at Mines.

2. Transfers Outside the Mines Transfer Program.

2.1 Any CCCS Student who does not qualify for transfer to Mines under the Mines Transfer Program set forth in this Agreement may nevertheless apply to transfer to Mines and request that courses completed at a CCCS School be approved for credit in satisfaction of the course requirements for the Mines bachelor's degree program.

3. Rights and Obligations of Mines.

3.1 Mines will annually review and update each Transfer Guide and make them available on the Mines website.

3.2 Mines shall have the sole right and authority to determine those CCCS courses that qualify for transfer under the Mines Transfer Program and whether a CCCS Student meets all of the requirements for admission to Mines.

3.3 Both Parties acknowledge that it is typically in the best interest of the student to complete

their associate degree at his/her/their community college; both Parties will work together to support a student's completion of the associate degree at a CCCS college. Should a CCCS Student transfer to Mines prior to completing their associate's degree, Mines will encourage students to send transcripts back to CCCS for consideration of awarding of the associates degree through a reverse transfer.

4. Rights and Obligations of CCCS.

- 4.1 CCCS shall provide to Mines information regarding courses available through any CCCS School.
- 4.2 CCCS and the applicable CCCS School shall have the sole right and authority to determine whether a CCCS Student meets all the requirements that must be satisfied in order to receive a CCCS AA, AS, or AES degree, as applicable.

5. Mutual Rights and Obligations of the Parties.

- 5.1 Each Party reserves the right and authority to amend the conditions or requirements for admission, acceptance, retention, and eligibility to receive the academic degree in their respective programs that are the subject of this Agreement, at any time as may be necessary in the interests of the institution or the program, and in such event shall promptly give notice thereof to the other Party.
- 5.2 The Parties will collaborate with each other to promote the Mines Transfer Program by providing opportunities to communicate information about the Mines Transfer Program through the Parties' respective official websites. The Parties agree that any written materials, including online information, promoting the Mines Transfer Program shall not be published or otherwise used without the prior written approval of both Parties.
- 5.3 The Parties shall undertake an annual evaluation of the collaboration supported by this Agreement and use the findings to improve the process for CCCS Student participation in the Mines Transfer Program.

6. FERPA Compliance and Confidentiality of Student Education Records and Personally Identifiable Information ("PII").

- 6.1 The Parties shall comply with the Family Education Rights and Privacy Act (FERPA) with regard to collection and use of Student Education Records. Authorized employees of the Parties will have access to Student Education Records as defined under FERPA for eligible transfer students.
- 6.2 Mines shall use reasonable efforts to implement appropriate reasonable physical, administrative, and technical safeguards to prevent unauthorized use or disclosure of Student Education Records. Such measures will be no less protective than those used to secure Mine's own data of a similar type and in no event less than reasonable in view of the type and nature of

the data involved.

7. Gramm-Leach-Bliley Act Compliance.

7.1 The Parties shall comply with the Gramm-Leach-Bliley Act (GBLA) in their collection and use of student financial data. The Parties will use student financial data only for the purpose of fulfilling their respective duties under this Agreement for the student's benefit, and will not share such data with or disclose it to any third party except as provided for in this Agreement, required by law, or authorized in writing by the student.

8. Data Sharing between the Parties.

8.1 Information will be shared, in compliance with all applicable laws and regulations, as needed to allow transferring students to participate in the articulation/transfer program and to track student interest, persistence, and success.

8.2 Mines agrees to provide CCCS with certain de-identified data related to students participating in the Mines Transfer Program as more specifically outlined in Appendix C on an annual basis.

9. Legal Authority. Each Party warrants that it possesses the legal authority to enter into this Agreement, and that it has taken all actions required by its procedures, by-laws, and/or applicable law to exercise that authority, and to lawfully authorize its undersigned signatory to execute this Agreement.

10. Accreditation. Each Party warrants that as of the effective date of this Agreement, and during this Agreement's term, it is and will be fully accredited institutionally by a U.S. Department of Education recognized regional accrediting agency, which in the case of CCCS is the Higher Learning Commission and in the case of Mines is the Higher Learning Commission.

11. Independent Contractor Relationship. The Parties shall perform their duties hereunder as independent contractors and not as employees, agents, or servants of each other. No agent or employee of either Party shall be or shall be deemed to be an agent or employee of the other. The Parties shall pay when due all required employment taxes and income tax and local head tax on any of its employees. The Parties acknowledge that they and their employees are not entitled to unemployment insurance benefits unless they or a third party provides such coverage and that the other Party does not pay for or otherwise provide such coverage. Neither Party shall have authorization, express or implied, to bind the other Party to any additional agreements, liabilities, or understandings, except as expressly set forth in this Agreement. Each Party shall be solely responsible for the acts or omissions of its employees and agents. Furthermore, this Agreement shall not be construed to create any partnership or joint venture between the Parties.

12. Insurance.

12.1 Notwithstanding any other provision of this Agreement to the contrary, no term or condition of this Agreement shall be construed or interpreted as a waiver, express or implied, of any of the immunities, rights, benefits, protection, or other provisions of the Colorado Governmental Immunity Act, §§ 24-10-101, et seq., C.R.S., as it now exists or is hereafter amended ("CGIA"). The Parties understand and agree that liability for claims for injuries to persons or property arising out of the negligence of CCCS, its departments, institutions, agencies, boards, officials and employees is controlled and limited by the provisions of the CGIA, as it now exists or is hereafter amended, and the risk management statutes, §§ 24-30- 1501, et seq., C.R.S., as they now exist or are hereafter amended.

12.2 CCCS, as an entity of the State of Colorado, is self-insured for \$424,000 per person and \$1,195,000 per occurrence or such higher amounts as may be provided by law as more fully set forth in the Colorado Governmental Immunity Act, C.R.S. §§ 24-10-101, et seq. and State of Colorado Risk Management laws, C.R.S. §§ 24-30-1501, et. seq.

12.3 Mines shall maintain during the term of this Agreement (i) commercial general liability insurance coverage in the minimum amount of \$1,000,000 per occurrence and \$3,000,000 in the aggregate, and (ii) worker's compensation insurance and unemployment compensation insurance in the amounts required by law.

13. Licenses, Permits, and Responsibilities. Each Party warrants that, at the time of entering into this Agreement, each Party currently has in effect all necessary licenses, certifications, approvals, insurance, permits, and other requirements necessary to properly perform its obligations under this Agreement. Each Party also warrants that it will maintain all necessary licenses, certifications, approvals, insurance, permits, and other requirements necessary to properly perform its obligations under this Agreement. Additionally, all employees of either Party performing services under this Agreement shall hold the required licenses or certifications, if any, to perform their respective duties and responsibilities. Any revocation, withdrawal, or non-renewal of necessary licenses, certifications, approvals, insurance, permits, and other requirements necessary to properly perform under this Agreement shall be grounds for termination of this Agreement by any Party.

14. Compliance with Applicable Laws, Rules, and Regulations.

14.1 Each Party shall comply with any and all federal and state laws, rules and regulations, and county and municipal ordinances, rules and regulations applicable to each Party's performance of its obligations under this Agreement.

14.2 The Parties shall comply with all applicable federal and state anti-discrimination laws that prohibit discrimination on the basis of race, color, sex, age, religion, national origin, disability, or any other prohibited basis. In the event either Party, or any of its employees, agents or students is alleged to have violated any of such anti-discrimination laws while performing obligations

under this Agreement, the Parties agree to cooperate in conducting a subsequent investigation, including sharing investigative reports as permitted by law.

15. Termination.

- 15.1 This Agreement shall continue until terminated by either Party (i) without cause by giving at least one hundred twenty (120) days prior written notice to the other Party; or (ii) with cause based upon a breach of this Agreement (other than a breach of Section 10 based upon the termination of a Party's accreditation) by giving written notice of termination to the breaching Party specifying the reason(s) therefor, and giving the breaching Party an opportunity to cure the breach within thirty (30) days of the date of such notice. Unless otherwise agreed to by the Parties in writing, this Agreement shall be deemed terminated at the expiration of such thirty (30) day period if the breach is not cured within that time.
- 15.2 Upon any termination of this Agreement, Mines shall have no obligation to allow any additional CCCS Student to participate in the Mines Transfer Program to receive the assurance provided in Section 1.1 of this Agreement.
- 15.3 In the event either Party's accreditation, as required by Section 10 hereof, is terminated, the Party whose accreditation is terminated shall promptly give notice thereof to the other Party, and this Agreement shall be deemed terminated as of the date such accreditation is terminated.

16. Representatives and Notices.

- 16.1 For the purpose of providing a contact person for the general administration of this Agreement, the individuals identified below are hereby designated representatives of the respective Parties. Either Party may from time to time designate by notice in writing a new or substitute representative:

For Mines: Provost

For CCCS: Vice Chancellor for Academic and Student Affairs

- 16.2 All notices permitted or required to be given by the Parties hereunder shall be personally delivered, given by certified U.S. mail, postage prepaid, or delivered overnight by a nationally recognized courier service, delivery fee prepaid, to the individuals at the addresses set forth below. Either Party may from time to time designate by notice in writing substitute addresses or persons to whom such notices shall be sent.

For Mines:
Colorado School of Mines
1500 Illinois St.

Golden, CO
Attn.: Richard Holz, Provost

For CCCS:
Colorado Community College System
9101 E. Lowry Blvd.
Denver, CO 80230
Attn.: Landon Pirus, Vice Chancellor for Academic and Student Affairs

- 17. Assignment and Successors.** The Parties agree not to assign rights or delegate duties under this Agreement or subcontract any part of the performance required under this Agreement without the express written consent of the other, which shall not be unreasonably withheld. Except as herein otherwise provided, this Agreement shall inure to the benefit of and be binding upon the Parties hereto and their respective permitted successors and assigns.
- 18. Entire Understanding.** This Agreement is intended as the complete integration of all understandings between the Parties with respect to the subject matter hereof. No prior or contemporaneous addition, deletion, or other amendment hereto shall have any force or effect whatsoever, unless embodied herein in writing. No subsequent novation, renewal, addition, deletion, or other amendment hereto shall have any force or effect unless embodied in a writing executed by the Parties and approved in accordance with applicable law.
- 19. Modification and Amendment.** No modification of this Agreement shall be effective unless agreed to in writing by both Parties in an amendment to this Agreement that is properly executed by the Parties and approved in accordance with applicable law.
- 20. No State Funds.** This Agreement does not involve the expenditure of State funds. Any obligation under this Agreement that would require the expenditure of State funds requires the approval of the State Controller and an amendment to this Agreement.
- 21. Survival of Certain Contract Terms.** Notwithstanding anything herein to the contrary, the Parties understand and agree that all terms and conditions of this Agreement and any exhibit hereto which may require continued performance, compliance, or effect beyond the termination date of this Agreement shall survive such termination date and shall be enforceable as provided herein in the event of such failure to perform or comply by either Party.
- 22. Severability.** If any of the provisions of this Agreement shall be held invalid or unenforceable, such invalidity or unenforceability shall not invalidate or render unenforceable the entire Agreement, but rather the entire Agreement shall be construed as if not containing the particular invalid or unenforceable provision or provisions, and the rights and obligations of the Parties shall be construed and enforced accordingly, to effectuate the essential intent and purposes of this Agreement.
- 23. Waiver.** Neither Party may waive or release any of its rights or interests in this Agreement

except in writing. The failure of either Party to assert a right hereunder or to insist upon compliance with any term or condition of this Agreement shall not constitute a waiver of that right or excuse a similar subsequent failure to perform any such term or condition. No waiver by either Party of any condition or term in any one or more instances shall be construed as a continuing waiver of such condition or term or of another condition or term.

24. Applicable Law and Venue for Dispute Resolution. This Agreement shall be governed and construed exclusively in accordance with the laws of the State of Colorado, excluding its choice of law rules, and all claims relating to or arising out of this Agreement or the breach thereof, whether sounding in contract, tort or otherwise, shall likewise be governed exclusively by the laws of the State of Colorado, excluding its choice of law rules. Any controversy, claim, or dispute arising out of or related to this Agreement, or the breach thereof, shall be adjudicated in the courts of the county of Denver, Colorado, to which the parties consent to personal jurisdiction.

25. Consortium Agreement Disclosures. CCCS shall comply with the provisions of 34 C.F.R. § 668.5(e) and 34 C.F.R. § 668.43(a)(12) by providing each CCCS Transfer Student concurrently enrolled in a CCCS School and Mines under the Mines Transfer Program and each prospective student to the Mines Transfer Program a description of the written arrangements related to the Mines Transfer Program, including, but not limited to, the following information: (i) the portion of the educational program that the institution that grants the degree is not providing; (ii) the name and location of the institutions or organizations that are providing the portion of the educational program that the institution that grants the degree is not providing; (iii) the method of delivery of the portion of the educational program that the institution that grants the degree is not providing; and (iv) estimated additional costs CCCS Transfer Students may incur as the result of enrolling in an educational program that is provided, in part, under this Agreement.

26. Force Majeure. Neither Party shall be liable for failure to perform as required by this Agreement to the extent such failure to perform is due to circumstances reasonably beyond such Party's control, including, without limitation, failure of any legal, governmental, or accrediting agency approval required for full performance, any order, rule or regulation of any court or government agency, labor disturbances or labor disputes, wars, insurrections, terrorism or civil disorders, acts of God, or any other cause beyond the reasonable control of the Party whose performance is affected; provided, however, that the Party affected by such a condition shall promptly give notice to the other Party stating the nature of the condition, its anticipated duration, and any action being taken to avoid or minimize its effect. The suspension of performance shall be of no greater scope and no longer duration than is reasonably required, and the nonperforming Party shall use its commercially reasonable efforts to remedy its inability to perform; provided further, however, that in the

event the suspension of performance continues for more than thirty (30) days after the date of the occurrence, and such failure to perform would constitute a material breach of this Agreement in the absence of such force majeure event, the non-affected Party may terminate this Agreement immediately by written notice to the affected Party.

- 27. **Non-Exclusive Agreement.** This Agreement is non-exclusive and either Party may contract with third parties to provide other similar programs.
- 28. **Headings.** The section headings contained in this Agreement are for reference purposes only and shall not affect in any way the meaning or interpretation of this Agreement.

IN WITNESS WHEREOF, the Parties have executed this Agreement on this 2nd day of **October** 2023.



Richard Holz, Provost
Colorado School of Mines



Landon Pirius, Vice Chancellor
Colorado Community College System

Appendix A

Associates in Engineering Science (AES) between CCCS and Colorado School of Mines

The CCCS Associates in Engineering Science (AES) degree for articulation with the Colorado School of Mines (Mines) is **proposed** as a 2+3 Articulation agreement that encourages students from across the CCCS (plus Aims) to pursue opportunities at the Colorado School of Mines. Students completing the AES should have a pathway to graduate from Mines in no more than 3 years beyond the AES degree. Students completing coursework that maximizes the articulation of transfer credit may even be able to complete a Mines degree within 2 years beyond the AES.

Mines has revised its Core Curriculum required of all Mines students. The new core curriculum builds on existing strengths within the curriculum, while also providing an expanded range of opportunities for integrative, exploratory, experiential, interdisciplinary, and enhanced hands-on learning. It includes a greater focus on student wellness, with a process for recognizing the importance of activities that facilitate personal growth and encourage a balanced and healthy campus lifestyle.

The goal of this updated AES articulation to Mines is revise the transfer pathway to improve credit transfer efficiency while offering CCCS students more opportunity to personalize their learning. The AES will remain a 60 credit hour degree, consisting of 25 credit hours of General Education Credits (1 English course, 1 Philosophy Course, 2 Culture and Society electives, 1 Arts and Humanities/History course or 1 Social Sciences course, 1 Laboratory Science course and 1 Mathematics course). Beyond these 25 hours, there is considerable flexibility in specifying the remainder of the 60 credits in the AES.

Additionally, through the Mines-CCCS Transfer Articulation Agreement (MOU) being developed in association with the AES degree, we hope to establish a reverse transfer protocol that is opt-out and will be triggered upon the completion of a fixed number of credit hours at Mines to ensure that eligible students (under the Articulation Agreement) who transfer to Mines prior to AES degree completion will be awarded the AES degree upon completion of the degree requirements based on their completed coursework at Mines. This will require some additional thought as well as approval from CDHE but may serve as a model for targeted opt-out reverse transfer protocols in other highly specialized MOUs.

Associate of Engineering Science (AES) Degree Requirements (60.0 Hrs)

General Education Requirements (25.0 Hrs):

- 1) ENG1022 – English Composition II (3.0) **OR** ENG1031 – Technical Writing (3.0) **AND** PHI2018 Environmental Ethics (3.0)¹ [Mines HASS100]
- 2) HIS2015 – 20th Century World History **OR** SOC2007 – Environmental Sociology (3.0) **OR** POS2025 – Comparative Government (3.0) **OR** LIT2002 – World Lit after 1600 (3.0)² [Mines HASS200]
- 3) Culture and Society (6.0) – Two courses selected from approved list at <https://www.mines.edu/registrar/cccs-hass-courses/> [Mines CAS Electives]
- 4) MAT2410 – Calculus I (5.0)³ [Mines MATH111]
- 5) CHE1111 – College Chemistry I (5.0)⁴ [Mines CHGN121]

Engineering Science Requirements (24-26.0 Hrs)⁵:

- 1) 3 additional semester of Mathematics courses from
 - a. MAT2420 – Calculus II (5.0) [Mines MATH112]
 - b. MAT2430 – Calculus III (4.0) **OR** MAT2431 – Calculus III with Engineering Applications (5.0)⁶ [Mines MATH213]
 - c. MAT2561 – Differential Equations with Engineering Applications (4.0)⁷ **OR** MAT2560 – Differential Equations (3.0) **OR** MAT2562 – Differential Equations with Linear Algebra (4.0) [Mines MATH225]
- 2) PHY2111 – Physics I (5.0) [Mines PHGN100]
- 3) CSC1060 – Computer Science I (4.0) [Mines CSCI128]
- 4) EGT1110 – Introduction to Design and Engineering Applications (3.0) or EGG1040 Engineering Projects⁸ [Mines EDNS151]

Electives (19-20 Hrs) – chosen based on program(s) of interest at Mines⁹:

- 1) 1 additional laboratory science course not being applied to the Engineering Science requirements:
 - a. BIO1111 – Biology I (5.0) [Mines CBEN110]
 - b. CHE1112 – College Chemistry II (5.0) [Mines CHGN122]
 - c. GEY1111 – Physical Geology (4.0) [Mines GEGN101]
 - d. PHY2112 – Physics II (5.0) [Mines PHGN200]
- 2) Other Engineering-Specific courses developed in collaboration between Mines and CCCS faculty, including:
 - a. EGG2011 – Statics (3.0) [Mines CEEN241]
 - b. EGG2012 – Dynamics (3.0) [Mines MEGN315]
 - c. Other future courses developed in collaboration between CCCS and Mines faculty.
(Students interested in a degree program requiring one or more of these courses and who have the prerequisites to complete these courses are strongly encouraged to include them, as appropriate, in their AES degree. Students at a CCCS campus that does not offer these courses

¹ Either ENG1022 or ENG1020 plus PHI2018 currently transfer in as HASS100 in the 2023-2024 Mines Core.

² Any one of these courses transfers in as HASS200 in the 2023-2024 Mines Core.

³ While there will be four math courses required in total, we include Calculus I in the Gen Ed requirements since it is the entry-level mathematics course at Mines. Depending on mathematics placement on entry to the CCCS, a given student will complete the mathematics requirement in AES by taking MAT2410 (including any appropriate prerequisite courses).

⁴ Chemistry I (with lab) is required of all majors at Mines and CHE1111 has already been approved as equivalent to CHGN121 in the existing Mines Core.

⁵ Depending on choice of mathematics courses, the Engineering Science Requirements would constitute between 24.0 and 26.0 credits.

⁶ If possible, Mines would prefer that the student take MAT2431 for Calculus III credit as this course's syllabus is most consistent with our course.

⁷ If possible, Mines would prefer that the student take MAT2561 for Differential Equations credit as this course's syllabus is most consistent with our course.

⁸ Currently only select faculty at RRCC (EGT1110) and FRCC (EGG1040) have been approved to offer courses that satisfy the EDS department learning outcomes for this course at Mines. Mines plans to host faculty workshops to facilitate faculty development at other CCCS institutions to ensure that those courses are satisfactory for transfer to Mines for EDNS151 credit.

⁹ Elective credit hour requirement is dependent on choice of Engineering Science Requirements. General Education Requirements, Engineering Science Requirements and Electives should sum to at least 60.0 hours.

may have the opportunity to enroll remotely in the courses at a campus that does offer them. CCCS Advisors should be able to direct students to these course opportunities where appropriate.)¹⁰

- 3) CSC1061 – Computer Science II (4.0) [Mines CSC200]
 - 4) Activity-based courses in PED, OUT, DAN (2.0)¹¹ [Mines Success and Wellness Elective]
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¹⁰ Mines faculty are currently collaborating on the development of a few such courses with 2-year partners. If possible, these course opportunities may be extended system-wide via summer professional development opportunities at Mines of real-time remote delivery options.

¹¹ Beginning Fall 2023 each student at Colorado School of Mines will be required to complete a 1 credit hour Success and Wellness elective. The Success and Wellness elective requirement does not apply to veteran students with sufficient military experience, and this can be waived by sending in JST transcripts or their DD 214. Students transferring into Mines under this Articulation Agreement can meet the requirement through PED, OUT, DAN credits (The following courses do not transfer: special topics, independent study, internships and capstone. This includes OUT 1075, OUT 1087, OUT 2075, OUT 2087, OUT 2089, PED 1075, PED 2075, DAN 1075 and DAN 2075.)

Appendix B

Mines Core Curriculum & the Associates in Engineering Science

As part of meeting the Mines@150 vision, Mines has updated the core curriculum required of all Mines students. The new core curriculum builds on existing strengths within the curriculum, while also providing an expanded range of opportunities for integrative, exploratory, experiential, interdisciplinary, and enhanced hands-on learning. It includes a greater focus on student wellness, with a process for recognizing the importance of activities that facilitate personal growth and encourage a balanced and healthy campus lifestyle.

The new core changes apply to first year students entering Mines in Fall 2023. New transfer students will be required to follow the new core curriculum beginning in Fall 2024. Mines will continue to honor some courses taken to meet prior catalog requirements for a period of time. For more detailed information about what is changing, please see the Core Curriculum website at <https://www.mines.edu/registrar/core-curriculum/>

OVERVIEW: CORE COURSE REQUIREMENTS

The courses in the core curriculum are organized in the following topical areas:

1. **Math, Basic Sciences, & Computing**
2. **Culture and Society**
3. **Design and Innovation**
4. **Success and Wellness (S&W)**
5. **Student-Led Inquiry**

| Math, Basic Sciences, Computing | |
|--|---------|
| Course | Credits |
| MATH 111 – Calculus for Scientists & Engineers I | 4 |
| MATH 112 – Calculus for Scientists & Engineers II | 4 |
| MATH 213 – Calculus for Scientists & Engineers III | 4 |
| MATH 225 – Differential Equations* | 3 |
| CHGN 121 – Principles of Chemistry I | 4 |
| PHGN 100 – Physics I – Mechanics | 4 |
| CSCI 128 – Computer Science for STEM | 3 |
| *All majors require MATH225 Differential Equations except Economics and Business | |
| Design and Innovation | |
| EDNS 151 – Cornerstone Design | 3 |
| Culture and Society (CAS) | |

| | |
|---|---|
| HASS 100 – Nature and Human Values | 3 |
| HASS 200 – Global Studies | 3 |
| EBGN 321 – Engineering Economics* | 3 |
| Culture and Society Mid-level Electives (2)** | 6 |
| Culture and Society 400 level Elective*** | 3 |
| <p>*No CCCS transfer equivalent **See list of courses approved at https://www.mines.edu/registrar/cccs-hass-courses/ ***All majors will require one Culture and Society course at the advanced 400 level which must be taken at Mines.</p> | |
| Success and Wellness (S&W) | |
| CSM 101 – Freshman Success Seminar* | 1 |
| CSM 202 – Student Wellness and Well-being** | 1 |
| S&W Elective*** | 1 |
| <p>*Waived for students who have completed 30 or more hours at the college level **CSM202 is a new course that will provide students with skills and tools to focus on personal well-being, explore the seven dimensions of well-being, and help have a healthy personal/academic life balance. Currently no transfer equivalent ***Can be fulfilled by an activity-based course in PED, OUT or DAN</p> | |

APPENDIX C

The following is a list of de-identified data to be produced by Mines to CCCS on an annual basis for purposes of tracking student success in the Mines Transfer Program based on demographics:

- Continued enrollment vs. no longer enrolled
- Cumulative GPA
- Attempted credits
- Cumulative credits
- Earned credential
- Disaggregated by race/ethnicity and gender
- Disaggregated by program
- Comparison success data for non-transfer students