

TRANSFER ARTICULATION AGREEMENT

This TRANSFER ARTICULATION AGREEMENT (“**Agreement**”) is made between Metropolitan State University of Denver, 890 Auraria Parkway, Denver, CO 80204 (“**Institution**”). Metropolitan State University of Denver 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, a state system of thirteen (13) community colleges created under Colorado law with offices at 9101 E. Lowry Blvd. Denver, CO 80230 (“**CCCS**”). Institution and CCCS may each be referred to herein as “Party”, and collectively as “Parties”.

RECITALS

- A. Institution is a university which offers certificates and Bachelors and Masters degrees.
- 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 (“**Institution Transfer Program**”) for the transfer of any student from a CCCS School (“**CCCS Student**”) to Institution so that such student may be able to complete the courses needed to earn a bachelor’s degree from Institution. 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 AA or AS degree in order to qualify for the Institution 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 Institution Transfer Program.

- 1.1 A CCCS Student who completes the Associates of Engineering Science (AES) will be eligible for this transfer (see Exhibit A) .
- 1.2 Any CCCS Student who is admitted to Institution through the Institution Transfer Program (“**CCCS Transfer Student**”) will be subject to all of the remaining graduation requirements at Institution.

2. Transfers Outside the Institution Transfer Program.

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

3. Rights and Obligations of Institution.

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

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

3.3 Both Parties acknowledge that it is typically in the best interest of the student to complete their associate degree at his/her 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 Institution prior to completing their associate's degree, Institution 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 Institution 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 or AS 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 Institution Transfer Program by providing opportunities to communicate information about the Institution Transfer Program through the Parties' respective official websites. The Parties agree that any written

materials, including online information, promoting the Institution Transfer Program shall be 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 Institution 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 Institution 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 Institution’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.

7.0 Gramm-Leach-Bliley Act Compliance.

7.1 The Parties shall comply with the Gramm-Leach-Bliley Act (GBLA) in its 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.

8.0 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. Institution agrees to provide CCCS with certain de-identified data related to students participating in the Institution Transfer Program as more specifically outlined in Exhibit B 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 US Department of Education recognized regional accrediting agency, which in the case of CCCS is the Higher Learning Commission, and in the case of Institution 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.

13. Licenses, Permits, and Responsibilities. Each Party warrants that, at the time of entering into this Agreement, each Party has currently 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.

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, Institution shall have no obligation to allow any additional CCCS Student to participate in the Institution 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 Institution: Provost Ad Interim
Dr. Marie Mora, Ph.D

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 Institution:

Metropolitan State University of Denver
P.O. Box 173362
Denver, CO 80217-3362

For CCCS:

Colorado Community College System
9101 E. Lowry Blvd.
Denver, CO 80230
Attn.: Landon Pirius, 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.

21. 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.

22. 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.

23. 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.

24. 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.

25. 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.

26. 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.

27. 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 Institution under the Institution Transfer Program and each prospective student to the Institution Transfer Program a description of the written arrangements related to the Institution 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.

28. 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.

29. Non-Exclusive Agreement. This Agreement is non-exclusive, and either Party may contract with third parties to provide other similar programs.


30. Headings. The underlined 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 the day and year first written above.

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

Metropolitan State University of Denver

By:  _____

By:  _____

Nov. 16, 2023

January 23, 2024

Landon Pirius
Vice Chancellor for Academic and Student Affairs
Colorado Community College System

Dr. Marie Mora
Provost Ad Interim

EXHIBIT A

The following is a list of required courses for the Associates of Engineering Science degree.

Community College Courses

CC Course #	CC Course Name	Units	MSU Course #	MSU Course Name	Units
ENG 1021	English Comp I	3	ENG 1010	Composing Arguments	3
ENG 1022	English Comp II	3	ENG 1020	Research Arg. Writing	3
COM 1150	Public Speaking	3	COMM 1010	Presentational Speaking	3
*MAT 1440	Pre-calculus	5	MTH 1400	Pre-calculus	4
MAT 2410	Survey of Calculus I	5	MTH 1410	Calculus I	4
MAT 2420	Survey of Calculus II	5	MTH 2410	Calculus II	4
PHY 2111	Physics: Calculus-Based I	5	PHY 2311	General Physics I	4
			PHY 2321	General Physics Lab	1
PHY 2112	Physics: Calculus-Based II	5	PHY 2331	General Physics II	4
			PHY 2341	General Physics II Lab	1
CHE 1111	General College Chemistry	5	CHE 1100	General Chemistry	4
			CHE 1150	General Chem I Lab	1
**EGG 1040	Intro to Engineering	3	CET/EET/ MET 1040	Intro to Engineering	3
	***Engineering Elective	3			
	GT-SBS	3		GT-SBS	3
	†GT- AH-1	3		GT- AH -1	3
	††GT-History	3		GT- History	3
Total		60			58

* Students who have taken Pre-calculus before attending Community College will take 4 credits of Engineering electives instead. Students who have taken both Pre-calculus and Calculus before attending Community College will take 8 credit units of electives.

** EGG 1040 transfers to MSU Denver as either CET 1040, EET 1040, or MET 1040.

Computer Engineering students should take MAT 1260 Introduction to Statistics which transfers to MSU Denver as MTH 1210 which is required for Computer Engineering.

Environmental Engineering students should take ENV 1010 Environmental Science with Lab which transfers to MSU Denver as ENV 1200 Introduction to Environmental Science.

*** Computer Engineering students should take CSC 1060 Computer Science I which transfers to MSU Denver as CS 1050 Computer Science I.

†MSU Denver requires one 3-credit course to fulfill the Ethnic Studies and Social Justice (ESSJ) requirement that must be taken at the university. An additional 3-credit course is needed to fulfill the Global Diversity requirement.

The following 3-credit Arts and Humanities and History courses are recommended because they fulfill both the General Studies and Global Diversity requirements at MSU Denver.

ARTH 1600	World Art I: Art Prior to 1400
ART 1112	Art History - Renaissance - 1900
ART 1302	Painting II
HIS 1110	The World: Antiquity - 1500
HIS 1112	The World: 1500 – present
HIS 2300	The Middle Ages
HIS 2610	History of Modern China
HIS 1320	Western Civ: 1650-present
HIS 2200	History of Latin America
HIS 2005	Women in World History

MSU Courses: Civil Engineering Technology

Required Major Courses

CET 3120 - Engineering Economy	3
CET 1215 - Engineering Graphics	3
CET 2150 - Mechanics I-Statics	3
CET 3135 - Mechanics of Materials with Laboratory	4
CET 3170 - Introduction to Structural Analysis	3
CET 3185 - Fluid Mechanics I for Civil Engineering Technology	3
CET 3190 - Fluid Mechanics II for Civil Engineering Technology	3
CET 3330 - Environmental Technology Processes	3
CET 4130 - Soil Mechanics	4
CET 4135 - Foundation Engineering	3
CET 4150 - Highway Engineering and Surveying	3
CET 4570 - Engineering Law	3
JMP 2610 - Introduction to Technical Writing	3
MET 3110 - Thermodynamics	3
MET 3160 - Mechanics II-Dynamics	3
Total	47

Additional Required Courses

ARCH 2003 - Building Structures	3
EET 2350 - Advanced Technical Programming	3
MTH 2420 - Calculus III	4

CET 4100 - Capstone: Design Project I	1
CET 4110 - Capstone: Design Project II	2
Total	13

Select one of the two following concentrations:

Structures Concentration

CET 4120 - Concrete Design I	3
CET 4140 - Concrete Design II	3
CET 4400 - Steel Design I	3
CET 4410 - Steel Design II	3
CET 4450 - Timber Design	3
Approved Technical Electives	3
Approved Technical Electives	3
Total	21

Construction Concentration

CET 3100 - Construction Methods	3
CET 3110 - Construction Estimating	3
CET 4120 - Concrete Design I	3
CET 4400 - Steel Design I	3
CET 4450 - Timber Design	3
Approved Technical Electives	3
Approved Technical Electives	3
Total	21

Transfer credits	58
Required major credits	47
Required elective credits	13
Concentration	21
ESSJ Requirement	3
Total	142

MSU Courses: Computer Engineering

Required Major Courses

MTH 3130 - Applied Methods in Linear Algebra	4
MTH 3170 - Discrete Mathematics for Computer Science	4
CPE 1140 - DC Circuit Fundamentals	4
CPE 1150 - AC Circuit Fundamentals	4
CPE 2145 - Solid State Electronics	3
CPE 2165 - Solid State Electronics Laboratory	1
CPE 2310 - Digital Systems I	3
CPE 2350 - Programming for Engineers	3
CPE 3330 - Digital Systems II	3
CPE 3400 - Signals and Systems	3
CPE 3500 - Semiconductor Device Fundamentals	3
CPE 3620 - A&D Communications	3
CPE 4020 - Digital Circuits III - Hardware Description Language	3
CPE 4320 - Digital Filter Design	3
CPE 4370 - Embedded System Design I	3
CPE 4390 - Embedded System Design II	3
CPE 4600 - VLSI Circuits and Systems	3
CS 1400 - Computer Organization 1	4
CS 2050 - Computer Science 2	4
CS 2400 - Computer Organization 2	4
Approved Elective Credits	6

CPE 4700 - Senior Design I	1
CPE 4800 - Senior Design II	2
Total	74

Transfer credits	58
Required major courses	74
ESSJ Requirement	3
Total	135

MSU Courses: Electrical Engineering Technology

Required Major Courses

EET 1140 - Circuits	4
EET 1150 - Circuits II	4
EET 2145 - Electronics	3
EET 2165 - Electronics Laboratory	1
EET 2310 - Digital Circuits I	3
EET 2340 - Technical Programming	3
EET 2350 - Advanced Technical Programming	3
EET 3110 - Transform Methods in Circuit Analysis	4
EET 3120 - Advanced Analog Electronics	4
EET 3330 - Digital Circuits II	3
EET 3410 - Electric Machines	3
EET 3620 - Analog and Digital Communications	3
EET 3630 - Electromagnetic Fields	3
EET 3715 - Control Systems Analysis	4
EET 3730 - Process Control Systems	2
EET 3740 - Programmable Logic Controllers	2
EET 4340 - Interface Techniques	3
EET 4370 - Microcontrollers	3
JMP 2610 - Introduction to Technical Writing	3
EET 4100 - Senior Project I	1
EET 4110 - Senior Project II	2

Total **57**

EET Technical Electives

Students must complete 18 credits from the following list:

EET 3420 - Electric Power Distribution	3
EET 3430 - Power Generation Using Renewable Energies	3
EET 3690 - Fiber Optics	3
EET 3670 - Measurements for Communications Systems	3
EET 3980 - Internship in Electrical Engineering Technology <i>(A maximum of 4 credit hours can be applied to the EET major.)</i>	2-4
EET 4020 - Digital Circuits III - Hardware Description Language	3
EET 4320 - Digital Filters	3
EET 4330 - Data Communications	3
EET 4620 - Advanced Communications Systems	3
EET 4710 - Digital Control Systems Design	4
EET 4730 - Robotics	3

Transfer credits **58**

Required major courses **57**

Major electives **18**

ESSJ Requirements **3**

Total **136**

MSU Courses: Environmental Engineering

Required Major Courses

BIO 1080 - General Biology I	3
BIO 1090 - General Biology Laboratory I	1
CHE 1810 - General Chemistry II	4
CHE 1811 - General Chemistry II Laboratory	1
ENV 2100 - Environmental Sampling and Analysis	3
EVE 1215 - Engineering Graphics: Solid Modeling	3
EVE 2150 - Mechanics of Static Systems	3
EVE 3000 - Concepts in Environmental Engineering	3
EVE 3135 - Strength of Materials with Laboratory	4
EVE 3160 - Mechanics of Dynamic Systems	3
EVE 3185 - Fundamental Fluid Mechanics with Laboratory	4
EVE 3200 - Environmental Sustainability in Urban Context	3
EVE 3320 - Environmental Impact Statements in Engineering	3
EVE 3400 - Engineered Water	3
EVE 4160 - Geotechnical Engineering with Laboratory	4
EVE 4200 - Environmental Policy in Engineering	3
EVE 4420 - Wetland Studies	3
EVE 4450 - Wood in Engineering	3
MTH 2420 - Calculus III	4
MTH 3210 - Probability and Statistics	4

MTH 3420 - Differential Equations	4
SSE 1040 - Life Cycle and Systems Engineering - An Introduction	3
SSE 2350 - Engineering Programming	3
Approved Elective	4
EVE 4610 – Senior Design Project	3
Total	79

Transfer credits	58
Required major & elective courses	79
ESSJ Requirement	3
Total	140

MSU Courses: Mechanical Engineering Technology

Required Major Courses

CET 2150 - Mechanics I-Statics	3
CET 3135 - Mechanics of Materials with Laboratory	4
EET 2000 - Electric Circuits and Machines	3
EET 2350 - Advanced Technical Programming	3
EET 3010 - Industrial Electronics OR	4
EET 3730 - Process Control Systems (2) AND EET 3740 – Programmable Logic Controllers (2)	
JMP 2610 - Introduction to Technical Writing	3
MET 1010 - Manufacturing Processes	3
MET 1200 - Technical Drawing I	3
MET 1210 - 3D Modeling	3
MET 1310 - Principles of Quality Assurance	3
MET 2200 - Materials of Engineering	3
MET 3110 - Thermodynamics	3
MET 3160 - Mechanics II-Dynamics	3
MET 3185 - Fluid Mechanics	3
MET 3410 - Geometric Dimensioning and Tolerancing	3
MET 4000 - Project Engineering	3
MET 4100 - Senior Project I	1
MET 4110 - Senior Project II	2
Total	53

Select one of the following two concentrations:

Manufacturing Concentration

MET 2010 - CNC Machining & Inspection	3
MET 3000 - Manufacturing Analysis	4
MET 3250 - Tool Design and Production Tooling	3
MET 3300 - Statistical Process Control	3
MET 3330 - Robotics for Manufacturing	3
Upper Division Elective Units	3
MET 4080 - Computer Aided Manufacturing	3
Total	22

Mechanical Concentration

MET 3070 - Machine Design	3
MET 3125 - Heat Transfer with Laboratory	3
MET 3320 - Instrumentation Laboratory	3
MET 4070 - Computer Aided Design	3
MET 4280 - Advanced Energy Technology	3
Upper Division Elective Units	6
Total	21

Transfer credits	58
Required major courses	53
Concentration	21/22
ESSJ Requirement	3
Total	135/136

EXHIBIT B

The following is a list of de-identified data to be produced by Institution to CCCS on an annual basis for purposes of tracking student success in the Institution 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