

Transfer Agreement for Brewery Operations program
Between Metropolitan State University of Denver and
Front Range Community College

In accordance with Colorado Commission on Higher Education principles that Colorado public institutions facilitate the transfer of students among them, Metropolitan State University of Denver (MSU Denver) and Front Range Community College (FRCC) enter into this agreement to meet transfer policy goals and enhance mutual cooperation.

- ❖ Completion of the curriculum prescribed within this agreement does not guarantee admission to MSU Denver. Students must meet all admission and application requirements at MSU Denver including the submission of all required documentation by stated deadlines.
- ❖ Only courses with grades of C- or higher are guaranteed to transfer.
- ❖ Students under this agreement will complete an Associate of Science degree at a FRCC and transfer to complete a Bachelor of Science degree in Brewery Operations at MSU Denver.
- ❖ The credit and course transfer guarantees described in this agreement apply to the specific degree program covered by this agreement. MSU Denver will evaluate application of the courses designated in this agreement to other degree programs on a course-by-course basis.
- ❖ MSU Denver will apply credits earned at a Colorado Community College as lower division credits only. Coursework from a Colorado Community College may substitute for an upper division course as determined by the academic program receiving the course, but the credits will apply only at the lower division.
- ❖ Students who have earned an Associate of Arts or Associate of Science degree from a Colorado Community College will have completed most if not all of the MSU Denver General Studies program, depending on the coursework selected at the Community College. The Global Diversity requirement may not be specified in the prescribed curriculum and may still need to be fulfilled. Students are encouraged to review the degree requirements for the program to which they are transferring as there are often specified General Studies courses.

- ❖ Individual courses taken by students who do not complete an Associate of Arts or Associate of Science degree will be evaluated according to the prescribed curriculum in this agreement.

The transfer credit is guaranteed only under the conditions that the transferring institution maintains accreditation by a regional accrediting body, unless otherwise specifically noted in this agreement.

PRESCRIBED CURRICULUM

Required Courses that Fulfill General Education Requirements					43 credit hours
	Credit Hours	FRCC Course Number	FRCC Course Title	MSU Denver Course Number	MSU Denver Course Title
Written Communication	3 3	ENG 121 ENG 122	English Composition I English Composition II	ENG 1010 ENG 1020	Composing Arguments Freshman Comp: Analy, Rsrch, and Docu.
Quantitative Literacy (Math)	4	MAT 121	College Algebra	MTH 1110	College Algebra
Oral Communication	3	COM 115 OR COM 125	Public Speaking OR Interpersonal Comm.	CAS 1010 CAS 1710	Public Speaking OR Interpersonal Comm.
Arts & Humanities	6	Two gtPathways Arts and Humanities courses from one of the following AH categories: AH1, AH2, AH3, AH4*			
Historical	3	One gtPathways History course**			
Natural & Physical Sciences	5 5 5	BIO 111 BIO 112 CHE 101	Gen. College Biology I Gen. College Biology II Intro. to CHE w/Lab	BIO 1080/1090 BIO 1081/1091 CHE 1100/1150	General Biology I w/Lab General Biology II w/Lab Prin. Of CHE w/Lab
Social & Behavioral Sciences I (SS1 or SS2)	3	ECO 201	Principles of Macroeconomics	ECO 2010	Principles of Macroeconomics
Social & Behavioral Sciences II (SS3)	3	One gtPathways SS3 course			
Global Diversity	0	Recommended students satisfied within Historical			
*Students are recommended to complete LIT 205, 259, or MUS 125 to satisfy 3-credits of Arts and Humanities and also meet MSU Denver's Multicultural requirement.					
**Students are recommended to complete HIS 101, 102, 111, 112, 205, 243, 244, 249, or 255 for Historical and also meet MSU Denver's Global Diversity requirement.					
Additional Required Courses					17 credit hours
	Credit Hours	FRCC Course Number	FRCC Course Title	MSU Denver Course Number	MSU Denver Course Title
	4	ACC 121	Accounting Principles I	ACC 2010	Principles of Accounting I
	5	BIO 208	Gen. College Microbiology w/Lab	BIO 2400	General Microbiology
	8	FER 101 and FER 203	Craft Brewing Fermented Food Science	BVG 8000 BVG 8000	Craft Brewing Fermented Food Science
Total credit hours					60

This Agreement will remain in force for the lesser of 5 years or until such time as the curriculum of the degree program changes or a participating institution requests reconsideration of the terms of the Agreement. This agreement will go into effect beginning July 1, 2016.


Metropolitan State University of Denver

Front Range Community College

Printed Name: Carol Krugman

Printed Name: Louise Brown

Signature: 
Department Chair

Signature: 
Lead Faculty

Printed Name: Sandra Haynes, Ph.D

Printed Name: David Harrington, Ph.D

Signature: 
Dean

Signature: 
Dean

JUL 05 2016

Printed Name: Vicki Golich, Ph.D

Printed Name: Gillian McKnight-Tutein, Ph.D

Signature: 
Provost/Vice President

Signature: 
Vice President / CAO

6/29/16

Transfer Agreement between Metropolitan State University of Denver and Front Range Community College for an Associate of Science Degree and a Bachelor of Science in Brewery Operations

Front Range Community College Associate of Science Degree (semesters 1-4)		
Course #	Course Title	CRD.

MSU Denver Bachelor of Science in Brewery Operations (semesters 5-8)		
Course #	Course Title	CRD.

1st Semester		
ENG 121	English Composition I	3
COM 115 or 125	Public Speaking or Interp. Comm	3
BIO 111	General College Biology I w/Lab	5
MAT 121	College Algebra	4

5th Semester		
BVG 2350	Brewery Mechanics	3
CHE 2100/2150	Intro Org/Bio Chem w/Lab	5
GEG 1910	Global Water Concerns	3
MGT 2210	Legal Env. Of Business I	3
Electives	must be upper-division	3

ENG 122	English Composition II	3
BIO 112	General College Biology II w/Lab	5
Historical	GT-HI*	3

6th Semester		
BVG 3010	Beers of the World	3
BVG 3350	Brewery Operations	3
MGT 3000	Organizational Management	3
MTH 1210	Introduction to Statistics	4
Electives	must be upper-division	3

3rd Semester		
ACC 121	Accounting Principles I	4
BIO 208	General College Microbio w/Lab	5
Arts & Hum.	GT-AH1, AH2, AH3, AH4**	3
ECO 201	Principles of Economics	3
FER 101	Craft Brewing	4

7th Semester		
BVG 3810	Sensory Qual. Analy. Of Beer & Wine	3
BVG 3950	Beverage Promotion	3
BVG 4350	Brewing Science	3
MGT 4050	Purchasing & Supply Chain Mgmt	3
Electives	Must be upper-division	3

4th Semester		
CHE 101	Intro to Chemistry I w/Lab	5
Arts & Hum	GT-AH1, AH2, AH3, AH4	3
Soc/Beh Sci	GT-SS3	3
FER 203	Fermented Food Science	4

8th Semester		
BVG 4010	Beer Styles and Service	3
BVG 4220	Brewing Fermentation	3
BVG 4810	Brewing Quality Analysis	3
HTE 4000 or 4040	Hospitality Field Exp or Sen. Rsrch	3

Total Credit Hours 60

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Additional Notes:

- All students are required to graduate with a bachelor's degree with a minimum of 120-credits.
- All students are required to complete a minimum of 40-credits of upper-division hours (3000-4000 level courses) before they graduate from MSU Denver.
- MSU Denver students are required to complete at least one multi-cultural course.

*Course satisfies Global Diversity requirement at MSU Denver.

**Recommended to select course that will satisfy the multicultural requirement

TOTAL CREDIT HOURS REQUIRED FOR BACHELOR'S DEGREE= 120