



# How do I Apply?

## Step 1. Declare

Fill out the attached form and return to Patsy Steffen, Education Department Program Chair.

## Step 2. Complete

Register for the additional math or science class(es). Complete with a "C" or better.

## Step 3. Apply

To apply for the reimbursement, contact:

**Patsy Steffen, Education Department Program Chair**  
**pesteffen@dmacc.edu or 515-965-7048.**

IT IS THE RESPONSIBILITY OF THE STUDENT TO APPLY FOR THE REIMBURSEMENT.

PLEASE NOTE: DEVELOPMENT COURSES ARE NOT ELIGIBLE FOR REIMBURSEMENT. REIMBURSEMENT IS BASED ON AVAILABLE FUNDS.

Yes! I am pursuing a STEM Certificate.

NAME (FIRST, MIDDLE & LAST)

DMACC STUDENT ID #

STEM CLASS

SEMESTER ATTENDING

NO. OF CREDITS

If you have any questions in regards to the STEM Scholarship, please contact:

**PATSY STEFFEN**

Education Department Program Chair

**pesteffen@dmacc.edu**

**or 515-965-7048**

Find DMACC on:



**DMACC**  
 DES MOINES AREA  
 COMMUNITY COLLEGE

**Life's Calling™**

**800-362-2127**  
**www.DMACC.edu**

DMACC AT PERRY VANKIRK CAREER ACADEMY | DMACC CAREER ACADEMY, HUNZIKER CENTER, AMES  
 DMACC TRANSPORTATION INSTITUTE | EVELYN K. DAVIS CENTER FOR WORKING FAMILIES  
 DMACC CENTER FOR CAREER & PROFESSIONAL DEVELOPMENT AT SOUTHRIDGE

**NONDISCRIMINATION POLICY** Des Moines Area Community College shall not engage in or allow discrimination covered by law. This includes harassment based on race, color, national origin, creed, religion, gender, sexual orientation, gender identity, age, disability and genetic information. Veteran status in educational programs, activities, employment practices or admission procedures is also included to the extent covered by law. Individuals who believe they have been discriminated against may file a complaint through the College Discrimination Complaint Procedure. Compliant forms may be obtained from any of the counselors/advisors or from the Provost's office. Persons who wish additional information or assistance may contact the Section 504/ADA Coordinator, 515-964-6857; the Title IX/Gender Equity Officer, 515-964-6850; or the EEO/AA Officer, Human Resources, Ankeny campus, Bldg 1, 515-964-6301.

DES MOINES AREA COMMUNITY COLLEGE



**DOROTHY A. WYANT**  
**ELEMENTARY EDUCATION**  
 SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS  
**(STEM) CERTIFICATE**  
**SCHOLARS PROGRAM**



Science Technology Engineering Math

**STEM**  
 Des Moines Area Community College

4540-6-13-500

## PRE-EDUCATION



### Elementary Education STEM Certificate Scholars Program supports Pre-Education students who pursue the DMACC STEM certificate.

Through a gift from the estate of Dorothy Wyant, students are eligible for reimbursement of STEM classes who:

- ▶ Enrolled in Education (EDU) courses at DMACC.
- ▶ Completed nine education credit hours (EDU 213, EDU 245) and one other education-related course) at DMACC.
- ▶ Plan to pursue the STEM Certificate by completing 10 additional courses in math or sciences and attend two STEM seminars.
- ▶ Have a GPA of 2.5 or better.

DMACC's Liberal Arts Associate of Arts and Associate of Science degrees provide the flexibility and opportunity to get a solid start on your four-year degree in Education while earning an associate degree.

To become a teacher, a student must graduate from an accredited teacher training institution. Students attend DMACC and then transfer to a public or private college to complete a teacher education program.

#### DMACC Core Courses (RECOMMENDED)

ENG 105	Composition I .....	3 credits
ENG 106	Composition II .....	3 credits
SPC 101	Fundamentals of Oral Communication* .....	3 credits
PSY 111	Introduction to Psychology .....	3 credits
PSY 121	Developmental Psychology .....	3 credits
PSY 251	Social Psychology .....	3 credits
SOC 120	Marriage & Family .....	3 credits
MAT 114	Elementary Educators Math I .....	3 credits
MAT 116	Elementary Educators Math II .....	3 credits

#### DMACC Education Courses (RECOMMENDED)

EDU 213	Introduction to Education* .....	3 credits
EDU 218	Initial Field Experience .....	2 credits
EDU 245	Exceptional Learner* .....	3 credits
PSY 281	Educational Psychology .....	3 credits
LIT 105	Children's Literature .....	3 credits
ART 102	Arts for Elementary Education .....	3 credits
ECE 170	Early Childhood Development.....	3 credits

\*It is recommended that students complete SPC 101 and either EDU 213 or EDU 245 as part of a DMACC Learning Community Block.

It is recommended that students check with receiving transfer institutions on required core and education-related courses.

#### Additional Information:

1. The prerequisite for EDU 218 is a 2.0 GPA, EDU 213 and instructional approval.
2. Individual DMACC transfer planning sheets are available that are tailored for Drake University, Grand View University, Iowa State University, University of Northern Iowa, Simpson College and Upper Iowa University.
3. Praxis, C-Base or other tests must be passed before being accepted into any teacher college in Iowa. Take this test by fall of your sophomore year.
4. Check with your transfer institution on specific requirements.

# EDUCATIONAL PARTNERSHIPS

## STEM CAREER PATHS AT DMACC DRAKE UNIVERSITY TEP

Semester 1		Semester 2			
ENG 105	Comp I .....	3	PSY 111	Intro to Psychology .....	3
EDU 213	Intro to Ed.....	3	ENG 106	Comp II.....	3
PHY 106	Survey Physics .....	4	*HIS 150	.....	4
SDV 108	College Experience .....	1	SPC 101	Fund of Speech.....	3
MAT 114	Math Elem. Ed. I .....	3	Math 116	Math Elem. Ed. II.....	3
<b>TOTAL.....</b>		<b>14</b>	<b>TOTAL.....</b>		<b>16</b>

Term 1 Summer: Take an additional course (Math elect 3 or 4 credit)

Semester 3		Semester 4			
EDU 245	Except Learner .....	3	PHS 152	Astronomy .....	4
PSY 251	Soc PSY .....	3	PSY 281	Ed PSY .....	3
BIO 104	Intro Bio/Lab .....	3	*HIS112	.....	4
*ART101	Art Appr.....	3	EDU 218	Initial Field Teaching.....	2
LIT 110	American Lit .....	3	GEO 111	Intro to Geo.....	3
<b>TOTAL.....</b>		<b>15</b>	<b>TOTAL.....</b>		<b>16</b>

## DMACC PRE-EDUCATION PROGRAM STEM CERTIFICATES INITIATIVE

The schedule to the left refers to candidates interested in Elementary Education that will transfer to Drake's Teacher Education Program. Students complete 10 or more elective credit hours in suggested math and/or science coursework at DMACC, attend 2 STEM seminars and complete STEM portfolio work will be eligible to continue in the STEM Initiative Certificate Pathway established between DMACC and Drake.

Students enrolled in College Preparatory courses may need additional time to complete the above schedule.

\*64 credits needed for AA from DMACC

\*Course options—Instead of ART 101 student can choose MUS 100 or DRA 101  
 Instead of HIS 150 student can choose HIS 153  
 Instead of HIS 112 student can choose HIS 113  
 Instead of PHY152 student can choose ENV115 & ENV116

GPA minimum requirement at Drake may be higher than 2.5. Check with Drake University on actual requirement.

Take the college of education assessment in semester 3 or 4. Praxis I, minimum scores: Reading 171, Math 169, Writing 171. Take this test during the sophomore year.

Additional Information: Individual DMACC transfer planning is available at [www.drake.edu/advantage/academics/equivalency-guides/](http://www.drake.edu/advantage/academics/equivalency-guides/). Check with your transfer institution on specific requirements. Foreign language requirements are 4 years of high school or 2 years of college

Please contact Patsy Steffen, Program Chair Education, at [psteffen@dmacc.edu](mailto:psteffen@dmacc.edu) or 515-965-7048 for additional information or to transfer to a public or private college to complete a teacher education program.

## ELEMENTARY EDUCATION PROGRAM

The UNI/DMACC teacher education program is singly focused on the offering of a course sequence at DMACC Ankeny, Boone and Carroll campuses that will lead to a degree from the UNI in Elementary Education.

#### Program Requirements

All students must meet the regular requirements as specified by the University of Northern Iowa. This includes:

1. The students will move through the program in groups called cohorts.
2. Completion of an AA degree or equivalent course work.
3. Enter UNI with a minimum 2.5 GPA.
4. Tuition will be the regular UNI tuition for UNI classes and DMACC tuition for DMACC classes.
5. Program and course requirements will be the same as those required of UNI campus-based students.
6. Minimum of 130 credits : 74 DMACC, 56 UNI.
7. Satisfactory completion of PRAXIS I for admission to Teacher Ed.
8. Satisfactory completion of PRAXIS II before graduation for licensure recommendation.
9. Maintain 2.5 GPA throughout program.
10. All methods of teaching classes must be taken from UNI—no exceptions.
11. To graduate with honors from UNI, a total of 60 UNI credits must be completed.
12. Completion of either the Middle Level major plus 2 endorsements OR just completing 1 or more endorsement.