COLLEGE OF ENGINEERING AND MINES
UNIVERSITY OF NORTH DAKOTA, GRAND FORKS, ND
APPLICATION FOR ADMISSION
TO THE PROFESSIONAL DEGREE PROGRAM

NAME: STUDENT
ID #:
SOC. SEC #: (if “EMPL ID” is unknown)

CURRENT ADDRESS:
CITY/STATE/ZIP

E-MAIL

PH:

PERMANENT ADDRESS:
CITY/STATE/ZIP

Indicate the degree program to which you are applying. If you wish to be considered in another degree program, place a “2” in the blank and a copy of your application will be forwarded.

Chemical Engineering
Civil Engineering
Electrical Engineering
Geological Engineering

I AM CURRENTLY:

[] Transferring to UND
[] UND Student
[] UND DEDP Student

Applications will not be considered until transcripts have been received at the UND Admissions Office from all colleges/universities you have attended. You, as the student, must request the “official transcripts” be sent to the UND Admissions Office, Twamley Hall Room 205, 264 Centennial Drive Stop 8357, Grand Forks, ND 58202.

List all the colleges/universities you have attended.

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<thead>
<tr>
<th>COLLEGE/UNIVERSITY</th>
<th>CITY/STATE</th>
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When all parts of this application have been completed, return your application* AND a copy of your current transcript to the department of your choice by mail or fax to UND SEM, Upson II Room 165, 243 Centennial Drive Stop 8155; Grand Forks, ND 58202-8115 or FAX 701-777-4838.

**DEADLINE:** March 1. Applications are reviewed once a year. Notification will be mailed to you by April 1.
### FOUNDATION REQUIRED COURSES

<table>
<thead>
<tr>
<th>UND Course Number/Title</th>
<th>Your Equivalent TRANSFER Course Number/Title</th>
<th># of Credits</th>
<th>Grade</th>
<th>Please Indicate: Currently Enrolled (CE) or taking in upcoming Summer Session (SS)</th>
<th>College/University Where completed</th>
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<tbody>
<tr>
<td>ENGL 110 – College Comp I</td>
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<td>✓ ENGL 120 – College Comp II OR ✓ ENGL125 – Tech. &amp; Business Writing</td>
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<td>PHYS 251/251L – University Physics I/Lab</td>
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<td>PHYS 252/252L – University Physics II/Lab</td>
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<td>Math 165 – Calculus I</td>
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<td>Math 166 – Calculus II</td>
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<td>Math 265 – Calculus III</td>
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### DEPARTMENT REQUIRED COURSES - See “Degree Program Foundation Courses” sheet attached. List only those required.

<table>
<thead>
<tr>
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If you are “conditionally” admitted, you have until the upcoming fall semester to complete your courses necessary to become “fully” admitted to the degree program of choice.

*I certify that all statements in this application are true and correct.*

APPLICANT’S SIGNATURE ______________________________ DATE ______________________________

Revised: 04/30/07
Any student desiring to apply for admission to one of the College of Engineering and Mines' Professional Degree Programs must complete or be in the process of completing the Foundation Course work as indicated below and earn at least a C grade in each of these courses.

### All programs require the following courses:

<table>
<thead>
<tr>
<th>Course Name</th>
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</thead>
</table>
| ENGLISH           | ~ Engl 110 – College Comp I
  ~ Engl 120 – College Comp II
  or
  Engl 125 – Tech. & Business Writing | PHYSICS          | ~ Phys 251 – University Physics I
(Calculus Based) | ~ Phys 252 – University Physics II |
| MATHEMATICS       | ~ Math 165 – Calculus I
  ~ Math 166 – Calculus II
  ~ Math 265 – Calculus III |               |                           |

IN ADDITION TO THE ABOVE COURSES, each department requires the following course work:

### CHEMICAL ENGINEERING
**Required Courses:**
- Fund. Of Chemistry Concepts ...........................................Chem 221/221L
- Fund. Of Chemistry Analysis ...........................................Chem 222 &222L
- Stoichiometry................................................................. ChE 201

Select **three** courses from the following:
- Intro. to ChE ................................................................. ChE 102
- Unit Operations ............................................................... ChE 206
- ChE Lab I ............................................................................ ChE 232
- Organic Chemistry I/Lab ..................................................Chem 341/341L
- Statics.................................................................Engr 201
- Elem. Differential Equations................................. Math 266

### CIVIL ENGINEERING
**Required courses:**
- General Chemistry I/Lab........................................... Chem 121/121L
- General Chemistry II/Lab ........................................ Chem 122 &122L
- OR General Biology I/Lab ........................................ Biol 150 & 150L

Select **four** courses from the following:
- Graphical Communications ........................................... Engr 101
- Computer Appl. in Engr................................................. Engr 200
- Statics............................................................................ Engr 201
- Dynamics ........................................................................... Engr 202
- Mechanics of Materials................................................. Engr 203

### GEOLOGICAL ENGINEERING
**Required courses:**
- Geology for Engineers.................................................. GeoE 203
- General Chemistry I.......................................................Chem 121/121L

Select **three** courses from the following:
- Computer Appl. in Engr................................................. Engr 200
- Statics............................................................................ Engr 201
- Dynamics ........................................................................... Engr 202
- Mechanics of Materials................................................. Engr 203
- Circuit Analysis ...............................................................EE 206

### ELECTRICAL ENGINEERING
**Required Courses:**
- Circuit Analysis ...............................................................EE 206
- Programming Course ......................................................... Advisor Approval
- General Chemistry I ......................................................... Chem 121/121L

Select **four** courses from the following:
- Elem. Differential Equations ........................................ Math 266
- Digital Logic................................................................. EE 201
- Computer Aided Meas.........................................................EE 304
  or a programming course
- Linear Electric Circuits....................................................EE 313
- Graphical Communications ........................................... Engr 101
- Statics............................................................................ Engr 201
- Dynamics ...................................................................... Engr 202
- Mechanics of Materials ................................................. Engr 203
- Materials Science .......................................................... ME 301
- Fluid Mechanics ............................................................. ME 306
- Thermodynamics ............................................................. ME 341

*Updated: 3/29/19*