BRPELS
BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS & LAND SURVEYORS

Exam Qualifications Committee

December 11, 2024 | 10:00 a.m.

Virtually via Microsoft Teams:
Meeting ID: 261 932 519 999
Passcode: L2hmtk
Dial in by phone
+1 564-999-2000,262790629# United States, Olympia
(833) 322-1218,262790629# United States (Toll-free)
Phone conference ID: 262 790 629#

In-person:
Board of Registration for Professional Engineers and Land Surveyors
605 11th Ave SE, Suite 201
Olympia, WA 98501

Committee: Mike Harney, PE, Chair
James Wengler, PLS, CFedS
Maureen Jackson, PE
Matthew Rasmussen, PE, PLS

Support staff: Kristina Horton, PLS, Deputy Director
Vonna Cramer, Licensing Lead
Shanan Gillespie, Regulatory Board Manager

Discussion topics

- PE by exam – ENG2402365
- PE by comity – ENG2402433
- PE by exam - ENG2402711
- Decoupling
  - RCW
  - WAC
  - NCEES Attestation examples
    - Attestation: staff examples
- Action item review from the Oct 2024 committee meeting
  - **Action Item:**
    - Once the Board approves moving forward with decoupling the committee to begin reviewing language in 18.43 concerning the decoupling of the PE exams and create attestations for NCEES. PLS & SE decoupling will be returned to the Survey & Structural Committees for follow-up. *(in progress)*
  - **Action Item**
    - The committee is to consider using the California Seismic exam for all civil discipline licensees. *(further discussion required)*

- **Action Item**
  - The committee should consider using an attestation for initial or comity applicants stating they are aware of the Washington State and other applicable jurisdictional building codes. *(in progress)*
- **Action items**
  - Staff to send a mock-up of PE application language updates for review *(completed)*

Strategic Planning Items

- Review comity regulations for each profession and how they relate to other states
- Investigate decoupling all exams

ENG2402365

The applicant is requesting PE by exam, experience, and verifications to be reviewed and verified by EQC.

NCEES record

- 4yr, 6 mo.
- Education
    - BS – Architectural Engineering
        - University of Colorado
        - ABET accredited
- *Exams*
    - FE
        - CO
        - May, 2018

[redacted]

All work experience reviewed by two licensed professionals

[redacted]

GENERAL

Date of Birth
[redacted]

Phone Number
[redacted]

Birthplace
Pendleton, Oregon, United States

Email
c.strieper@gmail.com

Applying To
Washington

Application Type
PE Exam
Documentation

Application Date
11/08/2024

Citizenship
United States

SUMMARY

Engineering Experience after EAC degree
4 years, 6 months

Total Engineering Experience
4 years, 6 months

Experience under licensed engineer
4 years, 6 months

Disciplinary Action
None reported

ABET EAC

FE EXAM

4+

EDUCATION

Bachelors in Architectural Engineering (EAC)
University of Colorado, Boulder
August 2014–May 2018

EXAMS

Fundamentals of Engineering (FE)
Colorado
May 2018

REFERENCES

Scott Alan Hager P.E.
SCOTTHAGER@HOTMAIL.COM | (303) 728-1935

Natalie Jo Wilkie P.E.
natalie.wilkie@gmail.com | (206) 883-0085

Marc Alan Jacques P.E.
marc.jacques@wsp.com | (206) 382-6344

Jamie Lynn Tills P.E.
jamie.tills@gmail.com | (206) 701-2561

Eileen Thomas
eileen.thomas@wsp.com | (206) 382-5217

[redacted]

[redacted]

All work experience reviewed by two licensed professionals

WORK EXPERIENCE

Francis Krahe & Associates
California (United States)
Lighting Designer
June 2018—October 2018

Verified by [redacted]

Experience Summary
Full-Time
Engineering: (0%)
Experience under licensed engineer: None

TASKS

Unable to recall

REPRESENTATIVE PROJECTS

Unable to recall

WORK EXPERIENCE

Corey Electrical Engineering
Colorado (United States)
Project Engineer
November 2018—May 2021

Verified by
Alexander John Wolke
awolke@coreyeng.com

Experience Summary
Full-Time
Engineering: 2 years, 6 months
Post EAC degree: 2 years, 6 months
Experience under licensed engineer: 2 years, 6 months

TASKS

Responsible for the communication and coordination of Lighting & Electrical Design using Revit BIM 360 and other tools. Back-checking PDF sets before sending stamped sets.

For smaller, tenant-improvement type projects, I often travelled to the project location and surveyed the existing conditions which sometimes included conducting circuit-tracing for establishing existing load conditions and load-justification on/for panel schedules.

REPRESENTATIVE PROJECTS

Denver International Airport Concourse A & B West Expansion. Denver, Colorado, (2018 - 2021 and probably ongoing) - I calculated watts per square foot for energy code compliance forms, I supplied emergency lighting based on photometric calculations, I coordinated routing for electrical conduits and conductors. I sized equipment based on ampacity/loads. I circuited electrical and lighting luminaires in Revit to panel schedules while maintaining proper size. I responded to RFI's and reviewed submittals during the construction administration phase of the project and attended site punch walks. I surveyed existing conditions at the Denver International Airport while escorted. I generated many PDF "exhibits" for client facing communication of engineering design and intent. Mostly worked with James Enright, P.E., but would like to be confirmed by other colleagues at Corey Electrical Engineering I also worked with.

WORK EXPERIENCE

BCER
Colorado (United States)
Project Designer
June 2021—September 2021

Verified by
[redacted]

Experience Summary
Part-Time
Engineering: (0%)
Experience under licensed engineer: None

TASKS

Unable to recall

REPRESENTATIVE PROJECTS

Unable to recall

WORK EXPERIENCE

Rushing
Washington (United States)
Lighting Designer
September 2021—January 2022

Verified by
[redacted]

Experience Summary
Full-Time
Engineering: (0%)
Experience under licensed engineer: None

TASKS

Unable to recall

REPRESENTATIVE PROJECTS

Unable to recall

WORK EXPERIENCE

Glumac
Washington (United States)
Lighting Designer
March 2022—March 2024

Verified by
Jamie Lynn Tills
jtills@glumac.com

Experience Summary
Full-Time
Engineering: 2 years
Post EAC degree: 2 years
Experience under licensed engineer: 2 years

TASKS

Responsible for finding suitable mounting style for each type of luminaire, sizing lumen output and doing engineering/lighting photometric calculations to achieve the correct number of footcandles in a given space. Conducted watts per square foot analysis to determine if project meet energy code(s). Responsible for basis of design narrative and lighting control intent. Responsible for lighting control matrix and lighting sequence of operations. Responsible for providing Lighting Design, Layouts, Calculations, Photometrics; as well as Lighting Controls. Responsible for creating luminaire schedules and considering wattage and location of remote drivers. Responsible for finding concept imagery and applying them in a schematic design package. Responsible for finding and supplying cut sheets/data sheets for luminaire products and providing packages for associated projects. Met with lighting representatives.

REPRESENTATIVE PROJECTS

Contra Costa County West County Reentry, Treatment and Housing (WRTH), (California), (2023 - 2024) - I provided a utility-based lighting design for a low-level prison/rehabilitation facility in California. I conducted photometric calculations using AGi32 and placed these calculations in the project using AutoCAD and Revit. I was point of contact for lighting design and often made design decisions in conjunction with contractors, engineers (MEP - mechanical, electrical, sometimes plumbing).

Sioux Falls South Dakota Men's Correctional Facility (Sioux Falls, South Dakota), (September 2023 - March 2024) - I applied previous experience from CCWRTH for a fully secure/maximum-security new prison located in South Dakota.

Cal Poly Humboldt Building (Arcata, California), (August 2023 - September 2023) - I found suitable mounting style for each type of luminaire, as well as determined lumen output; and I engineered/conducted lighting photometric calculations to achieve the correct number of footcandles in a given space. I conducted watts per square foot analysis to determine if project meet energy code(s).

WORK EXPERIENCE

WSP
Washington (United States)
Consultant Electrical Engineer
May 2024—October 2024

Verified by
Cory Strieper (Self)

Experience Summary
Full-Time
Engineering: (0%)
Experience under licensed engineer: None

TASKS

Responsible for the communication and coordination of Lighting & Electrical Design using Revit BIM 360 and other tools. Back-checking PDF sets before sending stamped sets.

For smaller, tenant-improvement type projects, I often travelled to the project location and surveyed the existing conditions which sometimes included conducting circuit-tracing for establishing existing load conditions and load-justification on/for panel schedules.

REPRESENTATIVE PROJECTS

Amtrak CUS Mail Platform (Chicago, IL, 2024 - ongoing)

I calculated watts per square foot for energy code compliance forms, I supplied emergency lighting based on photometric calculations, I coordinated routing for electrical conduits and conductors. I sized equipment based on ampacity/loads. I circuited electrical and lighting luminaires in Revit to panel schedules while maintaining proper size. I responded to RFI's and reviewed submittals during the construction administration phase of the project and attended site punch walks. I surveyed existing conditions at project sites. I generated many PDF "exhibits" for client facing communication of engineering design and intent.

ADDITIONAL INFORMATION

QUESTIONS

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Electrical (Power)

Other Disciplines

Have you ever been disciplined by a professional licensing jurisdiction or voluntarily surrendered a professional license in lieu of disciplinary action? If yes, identify jurisdiction(s) and explain. The term 'disciplinary action' shall mean any final written decision or settlement taken against an individual or firm by a licensing board based upon a violation of the board's laws or rules. Disciplinary actions include reprimands, administrative fines, the board's refusal to issue, restore or renew a license, Settlement Agreements or Consent Orders, probation, suspension, revocation or any combination thereof. If the action has been resolved a yes answer is still needed.
No

ADDITIONAL INFORMATION

TIME GAPS

Start Date	End Date	Explanation
May 2013	July 2014	University of Colorado Boulder (2014 - 2018)

EMPLOYMENT VERIFICATION

Generated on June 03, 2024
[redacted]

VERIFICATION

Work Experience
Glumac
Washington (United States)
Mar. 2022 — Mar. 2024

Verifier
Jamie Lynn Tills
jtills@glumac.com
(206) 701-2561

Verification Date
06/03/2024 05:14pm EDT

VERIFIER INFO

Position in firm
Lighting Engineer

Known applicant
2 years

Relationship
Colleague

Related to applicant
No

Licensed engineer

Board	California
License Number	E20508
Date of Licensure	05/29/2013
Discipline	Electrical

Licensed surveyor
No

EXPERIENCE DESCRIPTION

Knowledge of the applicant's work during the time covered by this endorsement	Yes
The description above accurately reflects the work personally performed by the applicant	Yes
The time claimed by the applicant for this experience accurate	Yes

COMMENTS

⊘ None

EMPLOYMENT VERIFICATION

Generated on May 23, 2024
[redacted]

VERIFICATION

Work Experience
Corey Electrical Engineering
Colorado (United States)
Nov. 2018 — May. 2021

Verifier
Alexander John Wolke
awolke@coreyeng.com
(720) 347-9482

Verification Date
05/23/2024 10:02am EDT

VERIFIER INFO

Position in firm
Principal

Known applicant
2 years

Relationship
Supervisor

Related to applicant
No

Licensed engineer

Board	Colorado
License Number	46607
Date of Licensure	06/07/2012
Discipline	Electrical

Licensed surveyor
No

EXPERIENCE DESCRIPTION

Knowledge of the applicant's work during the time covered by this endorsement	Yes
The description above accurately reflects the work personally performed by the applicant	Yes
The time claimed by the applicant for this experience accurate	Yes

COMMENTS

One comment: 11/17 to 5/18 [redacted] as technically at [redacted] but as a contract employee. So his information is accurate, but technically for those 6 months he was employed through a recruiter to us as contract if that matters.

LETTER OF EXPLANATION

Generated on May 22, 2024
[redacted]

SELF-VERIFICATION

Work Experience
BCER
Jun. 2021 — Sep. 2021

Verifier
[redacted]

Verification Date
05/21/2024 08:35pm EDT

EXPLANATION

Unable to recall

LETTER OF EXPLANATION

Generated on May 22, 2024
[redacted]

SELF-VERIFICATION

Work Experience
Rushing
Sep. 2021 — Jan. 2022

Verifier
[redacted]

Verification Date
05/21/2024 08:35pm EDT

EXPLANATION

Unable to recall

LETTER OF EXPLANATION

Generated on May 23, 2024
[redacted]

SELF-VERIFICATION

Work Experience
Francis Krahe & Associates
Jun. 2018 — Oct. 2018

Verifier
[redacted]

Verification Date
05/23/2024 07:44pm EDT

EXPLANATION

Unable to recall

LETTER OF EXPLANATION

Generated on October 02, 2024
[redacted]

SELF-VERIFICATION

Work Experience
WSP
May. 2024 — Oct. 2024

Verifier
Cory Strieper (Self)

Verification Date
10/02/2024 11:55am EDT

EXPLANATION

This is my current role thus far and should be sufficient in providing any issue regarding gap in work history. Thank you.

NAME: [redacted]
STUDENT NR:
PRINT DATE: 06/25/2024

BIRTHDATE [redacted]

Issued To: DOCUMENTID: 005301371
National Council of Examine...
200 Verdae Blvd
Greenville, SC 29607

Requested By: [redacted]

Degrees, Certificates and Licensure

Bachelor of Science in Architectural Engineering — MAY 10, 2018
CU Boulder
Coll Engineering & AppSci UGRD
Major : Architectural Engineering

Other Institutions Attended:

SECONDARY SCH : Pueblo West High School
GRAD: XX/XXXX
Pueblo West CO

HIGHER EDUC. INSTITUTIONS: Colorado State Univ-Pueblo
Pueblo CO 08/13 - 08/14

Transfer,Test and/or Study Abroad Credit Applied:

Colorado State Univ-Pueblo
Pueblo CO
UGRD SEM TRANSFER CREDIT 34.0

International Baccalaureate		Year	Credit
Equivalent Credit transfer to Term Fall 2014 CU Boulder		*2013*	
BADM 2999TC	*Business Adm/Comm*		3.0
Bus & Man Higher Level			
Equivalent Credit transfer to Term Fall 2014 CU Boulder			
BCOR 1015	*The World of Business*		3.0
		2013	
Equivalent Credit transfer to Term Fall 2014 CU Boulder			
HIST 1025	*Hist of US Since 1865*		3.0
History Americas High Level			
Equivalent Credit transfer to Term Fall 2014 CU Boulder			
HIST 1999TC	*LD History*		3.0
English A: Literature HL		*2013*	
Equivalent Credit transfer to Term Fall 2014 CU Boulder			
ENGL 1500	*Masterpieces-British Lit*		3.0
IB Elective Credit		*2013*	
Equivalent Credit transfer to Term Fall 2014 CU Boulder			
XTCR 2999TC	*LD Boulder Transfer*		9.0

COURSE TITLE	CRSE NR	UNITS	GRADE	PNTS
--------- Fall 2014 CU Boulder ---------				
College Arts & Sciences UGRD Astronomy				
Calculus 3 for Engineers	APPM 2350	4.0	D+	5.20
Calculus 3 Computer Lab	APPM 2450	1.0	P	0.00
Calculus 3 Work Group	COEN 2350	1.0	P	0.00
Masterpieces-Amer Lit	ENGL 1600	3.0	A-	11.10
General Physics 1	PHYS 1110	4.0	C-	6.80
GT-SC2 -Natural & Physicl Sci:Lec Crse w/o Req Lab				
ATT 13.0 EARNED 13.0 GPAHRS 11.0 GPAPTS 23.10 GPA 2.100				
--------- Spring 2015 CU Boulder ---------				
College Arts & Sciences UGRD Astronomy				
Intro Diff Eq W/Lin Alg	APPM 2360	4.0	C-	6.80
Thermodynamics	AREN 2110	3.0	C+	6.90
Intro to Geomatics	CVEN 2012	3.0	B+	9.90
General Physics 2	PHYS 1120	4.0	B-	10.80
GT-SC1 - Natural & Physcal Sci:Lec Crse w/ Req Lab				
ATT 14.0 EARNED 14.0 GPAHRS 14.0 GPAPTS 34.40 GPA 2.457				
--------- Summer 2015 CU Boulder ---------				
College Arts & Sciences UGRD Astronomy				
Analytical Mechanics 1	CVEN 2121	3.0	B	9.00
Calculus 3	MATH 2400	4.0	C+	9.20
ATT 7.0 EARNED 7.0 GPAHRS 7.0 GPAPTS 18.20 GPA 2.600				
--------- Fall 2015 CU Boulder ---------				
College Arts & Sciences UGRD Astronomy				
Matrix Methods/Applicats	APPM 3310	3.0	C-	5.10
Building Materials and Systems	AREN 2050	3.0	A-	11.10
General Chemistry 1	CHEM 1113	4.0	C+	9.20
Laboratory Gen Chem 1	CHEM 1114	1.0	C+	2.30
Hist & Thry of ENVD: Buildings	ENVD 3114	3.0	A-	11.10
Writing/Science-Society Topics in Writing	WRTG 3030	3.0	C	6.00
ATT 17.0 EARNED 17.0 GPAHRS 17.0 GPAPTS 44.80 GPA 2.635				

Kristi Wold-McCormick, Ph.D., University Registrar
University of Colorado Boulder

NAME: [redacted]
STUDENT NR: [redacted]
PRINT DATE: 06/25/2024

COURSE TITLE	CRSE NR	UNITS	GRADE	PNTS
--- Spring 2016 CU Boulder --- College Arts & Sciences UGRD Astronomy				
Sci Computing in Matlab	APPM 3050	(3.0)	W	0.00
Fluid Mech & Heat Transf	AREN 2120	3.0	B+	9.90
Intro Engineering Computing	CHEN 1310	3.0	B+	9.90
Hist & Thry of ENVD: Precincts	ENVD 3134	3.0	C	6.00
ATT 9.0 EARNED 9.0 GPAHRS 9.0 GPAPTS 25.80 GPA 2.867				
--- Summer 2016 CU Boulder --- College Arts & Sciences UGRD Astronomy				
Meaning of Info Technology	ATLS 2000	3.0	A	12.00
General Physics 1	PHYS 1110	4.0	B-	10.80
GT-SC2 -Natural & Physicl Sci:Lec Crse w/o Req Lab				
ATT 7.0 EARNED 7.0 GPAHRS 7.0 GPAPTS 22.80 GPA 3.257				
--- Fall 2016 CU Boulder --- College Arts & Sciences UGRD Astronomy				
Sound	ATLS 3200	3.0	A	12.00
Special Topics Materials	ATLS 3519	3.0	A	12.00
Elec/Elec Circs Non-Maj	ECEN 3030	3.0	B-	8.10
ATT 9.0 EARNED 9.0 GPAHRS 9.0 GPAPTS 32.10 GPA 3.567				
--- Spring 2017 CU Boulder --- Coll Engineering & AppSci UGRD Architectural Engineering				
Web	ATLS 2200	3.0	B	9.00
Analytical Mechanics 2	CVEN 3111	3.0	B+	9.90
Mechanics of Materials 1	CVEN 3161	3.0	B	9.00
Introduction to Construction	CVEN 3246	3.0	B+	9.90
ATT 12.0 EARNED 12.0 GPAHRS 12.0 GPAPTS 37.80 GPA 3.150				
--- Summer 2017 CU Boulder --- Coll Engineering & AppSci UGRD Architectural Engineering				
Film Analysis/Non-Majors	FILM 1002	3.0	A	12.00
SpTp: Mechnical Engineering 3D Bioprinting/Biofabrication	MCEN 4228	3.0	B	9.00
ATT 6.0 EARNED 6.0 GPAHRS 6.0 GPAPTS 21.00 GPA 3.500				

COURSE TITLE	CRSE NR	UNITS	GRADE	PNTS
--- Fall 2017 CU Boulder --- Coll Engineering & AppSci UGRD Architectural Engineering				
Architectural Apprec & Design	ARCH 4010	5.0	B-	13.50
Mech Systems for Bldg	AREN 3010	3.0	B	9.00
Illumination 1	AREN 3540	3.0	A	12.00
Electrical Systems	AREN 4570	3.0	B	9.00
Structural Analysis	CVEN 3525	3.0	C+	6.90
ATT 17.0 EARNED 17.0 GPAHRS 17.0 GPAPTS 50.40 GPA 2.965				
--- Spring 2018 CU Boulder --- Coll Engineering & AppSci UGRD Architectural Engineering				
HVAC Design	AREN 4110	3.0	C+	6.90
Architectural Engineering Dsgn	AREN 4317	5.0	A-	18.50
Illumination 2	AREN 4550	3.0	C	6.00
Lumin Radiative Trans	AREN 4560	3.0	C	6.00
Special Topics Lighting Controls	AREN 4830	3.0	A-	11.10
ATT 17.0 EARNED 17.0 GPAHRS 17.0 GPAPTS 48.50 GPA 2.853				

CUMULATIVE CREDITS :

	TR UNITS	CU UNITS	TOT UNITS	QUAL UNITS	QUAL PTS	GPA
UGRD	58.0	128.0	186.0	126.0	358.90	2.848

***** END OF ACADEMIC RECORD *****

Kristi Wold-McCormick, Ph.D., University Registrar
University of Colorado Boulder

UNIVERSITY OF COLORADO GUIDE TO TRANSCRIPT EVALUATION

CAMPUS LOCATIONS

University of Colorado Boulder
20 UCB
Boulder, CO 80309-0020
303-492-6970
transcriptinfo@colorado.edu

University of Colorado Colorado Springs
1420 Austin Bluffs Parkway
Colorado Springs, CO 80918-3733
719-255-3361
registrar@uccs.edu

University of Colorado Denver
Campus Box 116
P.O. Box 173364
Denver, CO 80217
303-315-2600
transcripts@ucdenver.edu

University of Colorado Anschutz Medical Campus
13120 E 19th Avenue
Campus Box A054
Aurora, CO 80045
303-724-8000
registrar@cuanschutz.edu

The University of Colorado at Denver and the Health Sciences Center were consolidated into a single institution, University of Colorado at Denver and Health Sciences Center (UCDHSC) on July 1, 2004, and renamed to University of Colorado Denver (CU Denver) on October 29, 2007. The institution's campuses are now known as the University of Colorado Denver and the University of Colorado Anschutz Medical Campus.

ACCREDITATION

The University of Colorado is accredited by the Higher Learning Commission (hlcommission.org), a regional accreditation agency recognized by the U.S. Department of Education.

ISSUING CAMPUS FOR TRANSCRIPTS

Each campus has the authority to produce and issue a complete transcript that contains all courses attempted at all University of Colorado campuses, including their Continuing Education/Extended Studies Divisions. Official transcripts include the complete undergraduate, graduate, professional and non-degree academic record of all credit-based courses taken at all campus locations or divisions of the University of Colorado. Students may request a career-based transcript that produces a partial record. Questions concerning the issuance or authenticity of this transcript should be directed to the issuing campus. Questions concerning courses, grades, degrees, or other academic information on the transcript should be directed to the campus the student attended.

STUDENT PRIVACY/RELEASE OF INFORMATION

In accordance with the Family Educational Rights and Privacy Act of 1974, this transcript is provided upon the condition that the receiver or those acting on behalf of the receiver do not disclose or provide access to the information contained in it to any other party without explicit consent of the student.

TRANSCRIPT FORMAT

The academic record of a student enrolled both before and after 1988 may be composed of two separately formatted transcripts. If "SEPARATE RECORD OF PRIOR WORK ATTACHED" appears at the beginning of a transcript, both transcript formats must be present for the transcript to be complete.

TRANSCRIPT AUTHENTICITY

Electronic PDF transcripts bear the Adobe@ Blue Ribbon certification and a GeoTrust CA electronic certificate.

TRANSCRIPT NOTATIONS

Effective Fall 1995, Dean's List notations appear at the end of each term earned. Students are considered to be in good standing with the university and eligible to re-enroll unless stated otherwise on the transcript. Students who have been expelled or who have active non-academic suspensions from a CU campus have transcript notations that may indicate the general type of sanction, the effective date and duration of the separation/exclusion, and the issuing department. For more information, contact the appropriate department on the issuing campus.

GRADE POINT AVERAGE (GPA)

Grades earned in repeated courses are included in the GPA and cumulative totals unless otherwise noted. The GPA is computed by dividing the total grade points by the total of credit hours in which grade points were recorded. Transfer credit is not included in the University of Colorado GPA. In Fall 2019, Boulder and Denver and in Fall 2020, Colorado Springs implemented varying grade replacement and forgiveness policies. From Fall 2001 to Summer 2010 Boulder had a different course repetition policy. See respective campus for policy details.

ACADEMIC CALENDAR

Beginning Fall 1951, all campuses are on a 16-week fall and spring semester system unless otherwise noted. Summer terms, Study Abroad Programs, and Independent Learning vary in length but are reported in semester hours. As of Fall 2010, all prior coursework taken on a quarter system calendar at the Health Sciences Center (now Anschutz Medical Campus) has been retroactively converted to a semester system calendar.

UNIT/CREDIT HOURS

While there can be some variation to this structure amongst the campuses and programs, in most cases, the unit or credit hour is the numeric measure of the instructional, research and/or other academic work over the length of a semester, and the value of a unit is calculated based upon standard semester credit hour formulas.

CUMULATIVE CREDITS

Before 1972, cumulative totals were total hours and credit points used for calculation of the GPA only. After 1988, cumulative credits include hours earned and GPA based on the level of the student (undergraduate, graduate, graduate non-degree and professional careers). A student's transcript may include credits in more than one career level.

GT PATHWAYS PROGRAM

The Colorado State Legislature approved a set of general education courses guaranteed to transfer between state institutions. These courses appear on the transcript with the notation of "GT" followed by two characters that identify the subject area. See https://highered.colorado.gov/academics/transfers/gtpathways/curriculum.html.

RECIPROCAL AGREEMENT PROGRAM

Graduate credit taken through a reciprocal exchange agreement with another Colorado institution is indicated by a department listing of RCPR, RCSM, RCSU, and RUNC. Discontinued in Fall 2020.

COURSE DESCRIPTIONS

The four University of Colorado campuses do not share a common course catalog. Current catalogs and course descriptions may be found by accessing the home pages of each campus.

TRANSFER, STUDY ABROAD AND TEST CREDIT

Beginning 2016, accepted external credit is labeled "Transfer, Test and/or Study Abroad Credit Applied." Transfer credit converted from the prior student information system may appear as summary data on the transcript. This information is labeled "Advanced Standing."

For Study Abroad credit, beginning in 1988, a generic course number was used with the first digit of the course number followed by nines and an extension of SA. The first digit designated the level of the course. Although actual dates of enrollment may have varied, the courses were listed to coincide with the CU calendar. Effective Summer 2016, at the Boulder campus, Study Abroad courses appear as transfer credit earned under "Transfer, Test and/or Study Abroad Credit Applied" with a "See Study Abroad Credit" note in the semester the student studied abroad.

Test credit accepted, including International Baccalaureate (IB), College Level Examination Program (CLEP) and Advanced Placement (AP), reflects earned credit based on the equivalent course offered by the university. Effective Fall 2017, exam and equivalent course details, course number and title, are recorded on the transcript.

Credit earned through institutional course challenge exams is recorded as institutional credit in the term completed. CR is recorded to denote earned credit. The transcript reflects the name, catalog number and credits of the course(s) successfully challenged.

COURSE NUMBERING SYSTEM

Fall 1975 to Summer 1988, courses numbered 0–99 were remedial, 100–199 freshmen level, 200–299 sophomore level, 300–399 junior level, 400–499 senior level (open to graduates), 500–599 graduate level (open to qualified undergraduates), 600–699 graduate level, 700 master's thesis, and 800 doctoral dissertation.

From Fall 1975 to Summer 1988, only courses numbered 500 and above were offered for graduate credit. (Exception: Independent Study courses were numbered 900–929 for lower division, 930–949 for upper division, and 950–979 for graduate level.)

Beginning Summer 1988, the course numbering system changed from three digits to four digits for all campuses except Colorado Springs. Courses since Summer 1988 are numbered 1000–2999 for lower division; 3000–4999 for upper division; 5000–6999 for graduate, master's level or first and second year professional; and 7000–8999 for graduate, doctoral level or third and fourth year professional. As of Fall 2010, all campuses use the four-digit course numbering standard.

GRADING SYSTEM

Standard Grades		Grade Points	Numeric Grades (Law)
A	Superior/Excellent	4.0	93–99
A-		3.7	90–92
B+		3.3	86–89
B	Good/Better than Average	3.0	83–85
B-		2.7	80–82
C+		2.3	76–79
C	Competent/Average	2.0	73–75
C-		1.7	70–72
D+		1.3	66–69
D		1.0	63–65
D-	Minimum Passing	0.7	60–62
F		0.0	50–59

***	Student is currently enrolled in the course or a final grade has not been submitted
ALX	Accommodates conversion of pre-1988 statistics. Placeholder classes created with three-character grades that equate to students' pre-1988 GPA.
CN	Conditional F until cleared (Discontinued Fall 1974)
CR	Credit (Excluded from GPA)
H	Honors/Highest Achievement (Specified courses at the Anschutz Medical Campus or for Honors Department courses on other campuses. Excluded from GPA)
HP	High Pass (School of Medicine at the Anschutz Medical Campus. Excluded from GPA)
I	Incomplete (Converted to F if not completed within one year. Effective Spring 2009); Law School converts to F if not completed in succeeding term (excludes summer).
IC	Incomplete (Discontinued Fall 1974)
IF	Incomplete (Converted to F if not completed within one year. Discontinued Fall 2008)
IP	In Progress (Thesis/dissertation at the graduate level or other specified courses)
IW	Incomplete (Converted to W if not completed within one year. Discontinued Fall 2008)
NC	No Credit or Audit (Excluded from GPA and credit totals)
NP	No Pass (Used with the P+/P/NP grading basis. Denver and Anschutz campuses, Spring and Summer 2020. Excluded from GPA)
NR	Not Reported (Class grades were not submitted when final grades were processed)
P	Passing (Under Pass/Fail option, undergraduate/graduate grades of D- and above convert to a P. P is equivalent to D+, D or D- beginning Spring 2020. See P+ below. Specified courses may also be graded on a Pass/Fail basis. Law School requires a grade of 72 or above to Pass. Excluded from GPA)
P+	Pass (Under Pass/Fail option, undergraduate/graduate grades of C- and above converted to P+ beginning Spring 2020 to address non-standard grading during a global pandemic. Excluded from GPA)
PR	Pass with Remediation (Anschutz Medical Campus. Excluded from GPA)
S	Satisfactory (Course requirements satisfied or expectations met. Excluded from GPA)
U	Unsatisfactory (Course requirements not satisfied or expectations not met. Excluded from GPA)
W	Withdrew
Y	Class grades not submitted by instructor (Discontinued 1988)

CU DENVER

Beginning 1970, students enrolled at the CU Denver Downtown Campus have been able to cross register for courses at Metropolitan State University of Denver and Community College of Denver. These courses are identified on University of Colorado transcripts by notations of "MSC," "CCD," "4M," or "Course Offering of Metropolitan State Univ of Denv" in the course titles. Since Spring 1988, Metropolitan State University of Denver courses are not included in the University of Colorado grade point average, but are included in the hours earned at the University of Colorado. Students must transfer in any credit earned through the Community College of Denver, which will appear as transfer credit hours earned, and are not included in the University of Colorado grade point average. Questions regarding such listings should be referred to the CU Denver Registrar's Office.

LAW SCHOOL GRADING AND RANKING

Effective with students matriculating in Fall 2010 or later, by action of the faculty, the mandatory median grade in each Law School course is B+. From 1994 to 2010, the recommended median grade was 84 (B). Prior to 1994, the median grade was typically 78 (C+) in first-year courses, and 80 (B-) in large, upper-division courses, and higher than 80 in smaller courses. GPAs are calculated from letter grades using the conversion table. Prior to Fall 2010, numeric grades were used to calculate GPAs. Since Fall 2010, the Law School has used the Letter Points to calculate GPAs. Numeric GPAs were carried out to two decimal points and were not rounded up to the nearest whole number, i.e., 84.75 not 85. Good standing and eligibility to continue are based on the numeric GPAs. A 2.0 average is generally required to be in good standing and to graduate. Class ranking displays on Law career transcripts for students in the top third of the class based on grades. University of Colorado Law School: 401 UCB, Boulder, CO 80309, 303-492-8047 or www.colorado.edu/law/academics/rules-law-school.

ADDITIONAL INTERPRETATION OF TRANSCRIPTS OF PRE-1988 RECORDS

To the left of the course title is the code designating the CU campus attended:

- 1 – University of Colorado Boulder – "SAVE" indicates enrollment on Boulder Campus via Continuing Education registration
- 3 – University of Colorado Health Sciences Center (on quarter hours through Summer 1988)
- 4 – University of Colorado Denver
- 5 – University of Colorado Colorado Springs
- 9 – Division of Continuing Education
- W – Boulder Continuing Education
- X – Denver Continuing Education
- Y – Colorado Springs Continuing Education
- Z – Health Sciences Center Continuing Education

NCEES

VERIFICATION OF EXAMINATION

[redacted] [redacted]

EXAMS

Exam	Hours	Exam Date	Verification
NCEES FE	6.0	May 2018	Verified by NCEES on behalf of Colorado on 05/09/2018

PROFESSIONAL REFERENCE

Generated on June 04, 2024 [redacted]

REFERENCE VERIFICATION

Verifier
Eileen Thomas
eileen.thomas@wsp.com
(206) 382-5217

Verification Date
06/04/2024 01:34pm EDT

VERIFIER INFO

Employer
WSP

Known applicant
2 months

Position
Vice President

Related to applicant
No

Relationship
Colleague

Licensed engineer
No

Licensed surveyor
No

PERSONAL EXPERIENCE WITH APPLICANT

From personal knowledge, I verify that the applicant has appropriate experience in the following areas:

- Technical competency and engineering judgment
- Integrity and ethics
- Independent decision making
- Project management / communications

Would you entrust this applicant with responsibility for an important engineering/surveying project involving the health, safety, and welfare of the public?
yes

Would you recommend this applicant for licensure as a Professional Engineer/Surveyor?
yes

COMMENTS

we are very happy that [redacted] has recently joined the Team at WSP - he is a wonderful asset.

PROFESSIONAL REFERENCE

Generated on May 22, 2024
[redacted]

REFERENCE VERIFICATION

Verifier
Jamie Lynn Tills
jamie.tills@gmail.com
(206) 701-2561

Verification Date
05/21/2024 10:06pm EDT

VERIFIER INFO

Employer
Glumac

Position
Lighting Engineer

Relationship
Former Colleague

Known applicant
Since 2022

Related to applicant
No

Licensed engineer

Board	California
License Number	E20508
Date of Licensure	05/29/2013
Discipline	Electrical

Licensed surveyor
No

PERSONAL EXPERIENCE WITH APPLICANT

From personal knowledge, I verify that the applicant has appropriate experience in the following areas:

Would you entrust this applicant with responsibility for an important engineering/surveying project involving the health, safety, and welfare of the public?
Yes

Would you recommend this applicant for licensure as a Professional Engineer/Surveyor?
Yes

COMMENTS

⊘ None

PROFESSIONAL REFERENCE

Generated on May 22, 2024
[redacted]

REFERENCE VERIFICATION

Verifier
Marc Alan Jacques
marc.jacques@wsp.com
(206) 382-6344

Verification Date
05/22/2024 11:14am EDT

VERIFIER INFO

Employer
WSP

Position
Senior Vice President

Relationship
supervisor

Known applicant
2 months

Related to applicant
No

Licensed engineer

Board	Washington
License Number	37958
Date of Licensure	06/28/2001
Discipline	Electrical

Licensed surveyor
No

PERSONAL EXPERIENCE WITH APPLICANT

From personal knowledge, I verify that the applicant has appropriate experience in the following areas:

- Technical competency and engineering judgment
- Integrity and ethics
- Independent decision making
- Project management / communications

Would you entrust this applicant with responsibility for an important engineering/surveying project involving the health, safety, and welfare of the public?
yes, at the level appropriate for his current career position.

Would you recommend this applicant for licensure as a Professional Engineer/Surveyor?
yes, I believe Cory will have the ability to meet the requirements of licensure when he has met the requirements to sit.

COMMENTS

⊘ None

PROFESSIONAL REFERENCE

Generated on September 05, 2024
[redacted]

REFERENCE VERIFICATION

Verifier
Natalie Jo Wilkie
natalie.wilkie@gmail.com
(206) 883-0085

Verification Date
09/05/2024 12:08pm EDT

VERIFIER INFO

Employer
WSP USA

Position
Lead Consultant - Electrical Engineering

Relationship
Colleague

Known applicant
6 months

Related to applicant
No

Licensed engineer

Board	Washington
License Number	48351
Date of Licensure	05/26/2011
Discipline	Electrical

Licensed surveyor
No

PERSONAL EXPERIENCE WITH APPLICANT

From personal knowledge, I verify that the applicant has appropriate experience in the following areas:

- Technical competency and engineering judgment
- Integrity and ethics
- Independent decision making
- Project management / communications

Would you entrust this applicant with responsibility for an important engineering/surveying project involving the health, safety, and welfare of the public?
Yes

Would you recommend this applicant for licensure as a Professional Engineer/Surveyor?
Yes

COMMENTS

⊘ None

PROFESSIONAL REFERENCE

Generated on September 28, 2024
[redacted]

REFERENCE VERIFICATION

Verifier
Scott Alan Hager
SCOTTHAGER@HOTMAIL.COM
(303) 728-1935

Verification Date
09/27/2024 10:55pm EDT

VERIFIER INFO

Employer
WSP

Position
assistant vice president - electrical lead

Relationship
Colleague

Known applicant
6 months

Related to applicant
No

Licensed engineer

Board	Washington
License Number	53819
Date of Licensure	05/25/2016
Discipline	Electrical

Licensed surveyor
No

PERSONAL EXPERIENCE WITH APPLICANT

From personal knowledge, I verify that the applicant has appropriate experience in the following areas:

- Technical competency and engineering judgment
- Integrity and ethics
- Independent decision making

Would you entrust this applicant with responsibility for an important engineering/surveying project involving the health, safety, and welfare of the public?
Yes

Would you recommend this applicant for licensure as a Professional Engineer/Surveyor?
Yes

COMMENTS

⊘ None

ENG2402433

The applicant is requesting PE by comity, based on FE & SE exams only. EQ & SE previously determined that an applicant must have taken and passed the Principles and Practice exam (PE) to be granted licensure for PE by comity. The SE examination is qualifying for SE licensure only.

NCEES record

- 13yrs, 4mo experience
- MLE
- Education
    - BS – Mechanical Engineer
        - University of Missouri
    - MS – Civil and Environmental Engineering
        - Massachusetts Institute of Technology
- Exams
    - FE
        - MO
        - Oct, 2009
    - SE
        - IL
        - Oct, 2017

[redacted]

All work experience reviewed by two licensed professionals

[redacted]

GENERAL

Date of Birth
[redacted]

Phone Number
[redacted]

Birthplace
St. Louis, Missouri, United States

Email
[redacted]

Applying To
Washington

Application Type
Comity - PE

Application Date
10/04/2024

Citizenship
United States

SUMMARY

Engineering Experience after EAC degree
13 years, 4 months

Total Engineering Experience
13 years, 4 months

Experience under licensed engineer
13 years, 4 months

Disciplinary Action
None reported

EDUCATION

Bachelors in Mechanical Engineering (EAC)
University of Missouri, St. Louis
June 2005–December 2009

Masters in Civil and Environmental Engineering
Massachusetts Institute of Technology
August 2010–June 2011

EXAMS

Fundamentals of Engineering (FE)
Missouri
October 2009

Structural (SE)
Illinois SE
October 2017

REFERENCES

Kyle Joseph Linenfelser P.E.
Klinenfelser@caseengineeringinc.com | (636) 349-1600

Ardeshir E Mansouri P.E.
amansouri@caseengineeringinc.com | (636) 349-1600

Aziz Kadric P.E.
aziz@kadriceng.com | (314) 258-4252

Conner Lee Stephens P.E.
cstephens@caseengineeringinc.com | (636) 349-1600

Stephen Joseph Sacco P.E.
ssacco@caseengineeringinc.com | (314) 265-2528

LICENSES

Initial License
Illinois SE
Issued: December 2017
Expires: November 2024

Additional Licenses
MO

[redacted]

[redacted]

WORK EXPERIENCE

Alper Audi, Inc.
Missouri (United States)
Structural Engineer
June 2011—May 2014

Verified by
andre audi
andre.audi@alperaudi.com

Experience Summary
Full-Time
Engineering: 2 years, 11 months
Post EAC degree: 2 years, 11 months
Experience under licensed engineer: 2 years, 11 months

TASKS

I performed site visits during the planning and construction phases of projects to observe site conditions, prepare reports of construction progress, and discuss field issues. I also performed performance inspections as part of regular monitoring, and I inspected buildings with damage to determine causes and remedies. These site visits/inspections required an engineering understanding of soils, masonry, wood, concrete, and steel. I provided design calculations, drawing packages, and/or letters as appropriate.

During the construction administration phase of projects, I responded to contractor RFIs and reviewed shop drawings. I reviewed and marked up shop drawings for concrete, steel, rebar, masonry, joists, and metal deck.

As a regular part of project coordination, I corresponded with architects, contractors, owners, and other engineering disciplines via e-mail, phone, and conference meetings during all phases of the project.

I performed design calculations and prepared drawing packages for renovations, additions, tenant improvements, and ground-up structures. I designed concrete, cold-formed steel, structural steel (including connection design), wood, and masonry structures or elements of structures. I also designed non-building structures such as retaining walls, concrete stairs, underground infrastructure, and signposts.

REPRESENTATIVE PROJECTS

When I first started working at Alper Audi, I performed small tasks as part of larger projects led by other engineers in the office. I checked shop drawings, designed retaining walls, and engineered other isolated elements of the project. After a period of time, I began leading my own projects under the supervision of a PE/SE. In addition to the tasks described above, I performed other construction administration tasks including responding to RFIs, attending site visits, corresponding with clients, and resolving field issues for each project I led. My experience ranged from minor structural modifications to inspections to ground-up buildings to specialty engineering.

One of the first jobs I led was an inspection of Pevely Elementary school in the Dunklin R-5 School District located south of St. Louis, MO. It was constructed of steel bar joists and masonry, with a brick veneer. We were brought in to investigate cracks in the masonry walls. I met the facilities manager and school superintendent on site to walk through the building and discuss the issues and possible causes. After returning to the office, I shared my observations and photographs with my supervisor, and together we determined the likely cause of the cracking. I wrote a letter explaining my findings and recommendations in December 2011.

I designed a car wash for a Moto Mart in Cahokia, IL. I designed the hollow core concrete roof planks and CMU walls. This was in a high seismic region, so special seismic detailing of the CMU was required. I designed this 1,100 square foot stand-alone structure in late 2011.

McKendree University in Lebanon, IL needed to expand their existing locker room. I designed the steel bar joists, structural steel, and masonry for this structure. Special seismic detailing was again required for the CMU shear walls. This addition was approximately 1,800 square feet, which I designed in the summer of 2012.

I designed a 5500 +/- square foot ground-up indoor batting facility for St. Louis University using masonry, structural steel, and pre-fabricated wood roof trusses. Special seismic detailing of the masonry shear walls, as well as seismic bracing of interior walls was required. I designed and prepared drawings for this structure in late 2013.

As part of St. Louis City's requirements for cornice inspections, I performed an inspection and wrote an observation report, which

included fixes for issues seen, on the Cupples Apartment Building in downtown St. Louis. This was a 7-story structure constructed of wood and brick. I performed this work in March and April of 2013.

I performed site visits and measured existing structural roof framing on several buildings, and analyzed them to support new rooftop equipment or hanging equipment. Occasionally, the roof framing did not have the requisite capacity, so I designed the necessary reinforcing. A couple examples of this include: Walgreens distribution center in Waxahachie, TX, and an office building in St. Louis, MO. The distribution center in Waxahachie, TX was a 600,000 +/- square foot warehouse. I calculated design loads, joist capacities, and joist reinforcement (where required) for approximately 21 RTU's from September-November 2013. In January 2014, I visited a multi-story office building on S. Woods Mill Rd in St. Louis, MO, and measured existing steel bar joists to support a suspended folding partition. I designed the steel support system for the partition and analyzed the bar joists for the additional load. I engineered and detailed the bar joist reinforcement as well.

I designed structural steel connections and steel stairs for a number of projects. The 40,000 +/- square foot AMC Theater project in St. Charles, MO was broken up into six sequences of connection design and fabrication for steel braced bays. Using Descon Design Software, I designed and detailed dozens of connections for axial, shear, and moment loading in March and April 2014. I also designed and detailed braced bay connections and steel stair connections for the 28,000 +/- square foot 6-story Washington University School of Medicine building in St. Louis, MO in March 2014.

WORK EXPERIENCE

AEdifica Case Engineering
Missouri (United States)
Structural Engineer
May 2014—June 2019

Verified by
Kyle Joseph Linenfelser
klinenfelser@caseengineeringinc.com

Experience Summary
Full-Time
Engineering: 5 years, 1 month
Post EAC degree: 5 years, 1 month
Experience under licensed engineer: 5 years, 1 month

TASKS

conducting site surveys; preparing proposals for work; responding to requests for qualifications; performing structural engineering for new buildings, renovations to existing buildings, tenant fit-outs, etc...; project management; training of other engineers and designers; representing the firm at training sessions and presenting the lessons learned to the engineers at my office; developing office standards including general notes and typical details.

REPRESENTATIVE PROJECTS

I began with the firm working on tenant fit-outs for Wingstop Restaurants throughout the country. This consisted of analyzing existing roof structures for loads imposed by RTU's, makeup air units, and hanging hoods. If necessary, we would provide reinforcing the roof members, which varied from steel bar joists, wood trusses, wood joists, metal studs, and steel beams (2014-2016).

After a short time, I began engineering buildings from the ground up. I was involved in the design and planning process from start to finish including kick-off calls, design team meetings with the architect, contractor, and/ or owner, preliminary design, final engineering design, and construction administration. I have designed and worked on structures built of most every construction material including concrete, steel, masonry, wood, and cold-formed steel. (2015-2019)

Since our company works all over the USA, I am proficient in designing buildings in high snow regions, high seismic areas, and coastal regions with high wind loads. I understand the code requirements for special seismic design and detailing and have designed several buildings requiring special seismic calculations and detailing. A few examples include: Building 900 at Northwest Plaza in St. Ann, MO (2016); Eight Points Retail in Poplar Bluff, MO (2016-2017); and, Cole Haan outlet store tenant fit-out in San Clemente, CA (2017).

I am involved in the construction administration phase of the projects I work on. This includes responding to RFI's, reviewing shop drawings, answering contractor questions, and occasionally providing supplementary engineering solutions if the contractor encounters an issue during construction (2014-2019).

I am responsible for the project management and engineering of Aldi grocery stores in the O'Fallon division, which covers part of the Midwest of the country. These stores are constructed mostly of structural light gauge load-bearing metal studs. Lateral systems consist of plywood shear walls and/ or flat strap x-bracing and/ or steel braced bays (2015-2019).

I am currently overseeing a younger engineer as she designs a ground up building constructed of wood and steel. I guide her in the design process, answer questions she has, review her calculations and details, and make any corrections necessary. This is just one example of several where I train and guide younger engineers (2016).

I recently completed the design of a 50,000 square foot building in Durham, NC that serves as a secure building for money counting. As the structural project manager, I served as the main contact for our client, and also managed a third party consultant who performed some deferred engineering for the structure. The shell was designed using steel bar joists, and tilt-up concrete panels (2017-2018).

One of my larger projects was a 118,000 sf retail center in Rolla, MO constructed of bar joists, CMU, and steel. I served as project manager of a team of 10 in our office and the main point person between our team and the architect (2017-2018),

My largest project with AEdifica Case was a ground-up warehouse structure in Washington, MO used for office space and manufacturing. The walls were tilt-up (engineered by others) with steel bar joists, joist girders, and steel braced bays. A second

floor mezzanine was concrete over metal deck with steel vertical braces for lateral resistance. I designed the structure to account for crane travel. And my team developed a detail that served as an expansion joint without the need for an extra line of steel framing. I served as project manager for our office. The building was 370,000 sf (2018-2019).

I designed intermediate foundations including push piers, helical piles, and micropiles for several years. I trained one other engineer on these designs and served as the main point of contact with our clients and overall project manager for all of these jobs (2016 - 2019). Some representative projects include 20 micropiles at Sheldon Plaza in Missouri (2016); 291 helical piles at Papa John's Stadium in Kentucky (2017); 42 push piers at Francis Vigo Elementary School in Indiana (2018).

WORK EXPERIENCE

Case Engineering, Inc.
Missouri (United States)
Structural Department Manager
June 2019—October 2024

Verified by
Kyle Joseph Linenfelser
klinenfelser@caseengineeringinc.com

Experience Summary
Full-Time
Engineering: 5 years, 4 months
Post EAC degree: 5 years, 4 months
Experience under licensed engineer: 5 years, 4 months

TASKS

My tasks and duties include conducting site surveys; preparing proposals for work; responding to requests for qualifications; performing structural engineering for new buildings, renovations to existing buildings, tenant fit-outs, etc...; project management; training of other engineers and designers; representing the firm at training sessions and presenting the lessons learned to the engineers at my office; developing office standards including general notes and typical details.

I was promoted to department manager in August 2022 after 8 years with the company (AEdifica Case became Case Engineering, Inc in June 2019). The responsibilities of that role include all of the tasks above as well as preparing proposals for much larger projects; performing internal QA/QC review of projects prior to sealing; attending workflow meetings to assign and redistribute projects; providing input for employee performance reviews; providing formal training sessions to the department on various projects and organizing other presenters; making purchases of code books and design resources; providing input on hiring new employees and handling performance issues.

REPRESENTATIVE PROJECTS

I have been designing intermediate foundations including push piers, helical piles, and micropiles for several years. I have trained 3 younger engineers on these designs and I serve as the main point of contact with our clients and overall project manager for all of these jobs (2019 - present). Some representative projects include 23 push piers for a retail shop in Arkansas (2019); 201 helical piles at Northeast Iowa Community College (2020); and 16 micropiles for renovations to a residence in Fort Lauderdale, FL (2023).

I completed the design for (2) 3-story ground-up wood-framed multi-family residential budlings as part of a larger development. Some steel design was required. I was in regular contact with the architect and GC throughout the design and construction phases. The total area for these were 42,426 and 33,223 square feet. I performed the connection engineering for the steel elements as well (2019-2022).

I completed a ground-up partial 2-story structure for a fire department in St. Louis, MO. Part of the design included a FEMA-rated storm shelter designed in accordance with ICC 500 criteria. I served as the overall project manager for our office and managed a team of 6. (2020-2022).

I designed a 2-story ground-up structure for CTS and the American Red Cross in Maryland Heights, MO. It was constructed of tilt-up concrete walls (designed by others), CFS roof and floor trusses, and structural steel. Extensive coordination with the GC, architect, truss supplier, and mechanical engineer was required due to the layout of the mechanical and storage equipment. Total area was 120,321sf (2021-2023).

A portion of my work involves assessing buildings that have been damaged by a vehicle impact, weather, or other forces. I visit the site, assess the structure to determine the structural condition, and work with the owner, architect, and/ or contractor to develop the necessary repairs. One example is a strip center that was struck by a vehicle in St. Louis where we subsequently discovered other structural issues with the building columns that had to be repaired (2022-2023).

I designed the structure for an outdoor music venue that includes a stage and 2 pavilions. The stage was designed using bar joists and steel. The pavilions were design with structural steel, and incorporated a tensile fabric covering that required coordination with the supplier. I had to design the structure for both the condition of the tensile fabric being in place, and not, and designed the connections of the tensile fabric to the framing (2022-2023).

I managed a project for the US Military. It involved several smaller design components including the following: analyzing existing

structures from WW2 era for new sprinkler pipes; analyzing slabs for storage racks and moving loads; crane design (overseeing a younger engineer), along with other scope. A lot of coordination was required with the GC, architect, other trades, and the military, and we had to pay very close attention to their specifications regarding deliverables. I oversaw a team of 3 in our office (2022-2024).

I worked on a project for a justice center in southeast Missouri that was managed by another engineer in our office. My role was the design of the FEMA/ ICC 500 storm shelter. During the course of this design, I attended ICC 500 meetings as an "interested party" (2022-2023).

I designed an approx. 125,000sf warehouse and office for a cold storage company in Foristell, MO. The structural systems consisted of bar joists, structural steel, tilt-up concrete panels (panel design was by others), steel braced frames, and plywood shear walls over cold-formed steel stud walls. I coordinated closely with the architect and owner to address the thermal factors related to a cooler & freezer storage area, which contained heavy and tall storage racks. This was the first stage of a 3-stage build. Phases 2 and 3 will occur in the future, but I accounted for lateral loading and snow drift loading on phase 1 in anticipation of the future expansions. Phase 1 is currently under construction (2023-presnet).

ADDITIONAL INFORMATION

QUESTIONS

Has your original license lapsed? If yes, explain.
No

Have you ever been denied licensure by a jurisdiction? If yes, explain.
No

Have you ever been convicted of a misdemeanor? If yes, explain.
No

Have you ever been convicted of a felony? If yes, provide a brief letter of explanation and court documents.
No

Select the disciplines in which you are currently practicing. If more than 1% of time is devoted to a discipline, it must be included.
Disciplines
Structural

Other Disciplines

Have you ever been disciplined by a professional licensing jurisdiction or voluntarily surrendered a professional license in lieu of disciplinary action? If yes, identify jurisdiction(s) and explain. The term 'disciplinary action' shall mean any final written decision or settlement taken against an individual or firm by a licensing board based upon a violation of the board's laws or rules. Disciplinary actions include reprimands, administrative fines, the board's refusal to issue, restore or renew a license, Settlement Agreements or Consent Orders, probation, suspension, revocation or any combination thereof. If the action has been resolved a yes answer is still needed.
No

ADDITIONAL INFORMATION

TIME GAPS

Start Date	End Date	Explanation
January 2010	July 2010	This was the time between graduating from college and beginning graduate school. I took classes in the Spring of 2010 and did not work.

EMPLOYMENT VERIFICATION

Generated on October 03, 2024
[redacted]

VERIFICATION

Work Experience
Case Engineering, Inc.
Missouri (United States)
Jun. 2019 — Oct. 2024

Verifier
Kyle Joseph Linenfelser
klinenfelser@caseengineeringinc.com
(636) 349-1600

Verification Date
10/03/2024 04:11pm EDT

VERIFIER INFO

Position in firm
Principal

Known applicant
10 years

Relationship
Supervisor

Related to applicant
No

Licensed engineer

Board	California
License Number	C 72338
Date of Licensure	01/25/2008
Discipline	Civil

Licensed surveyor
No

EXPERIENCE DESCRIPTION

Knowledge of the applicant's work during the time covered by this endorsement	Yes
The description above accurately reflects the work personally performed by the applicant	Yes
The time claimed by the applicant for this experience accurate	Yes

COMMENTS

[redacted] is an excellent, knowledgeable, and thorough engineer. He is well versed in wind and seismic lateral loading, and can design in various materials such as steel, concrete, CMU, wood and metal studs.

EMPLOYMENT VERIFICATION

Generated on May 16, 2023 [redacted]

VERIFICATION

Work Experience
AEdifica Case Engineering
Missouri (United States)
May. 2014 — Jun. 2019

Verifier
Kyle Joseph Linenfelser
klinenfelser@caseengineeringinc.com
(636) 349-1600

Verification Date
05/16/2023 03:06pm EDT

VERIFIER INFO

Position in firm
Principal

Known applicant
9 years

Relationship
Supervisor

Related to applicant
No

Licensed engineer

Board	California
License Number	C 72338
Date of Licensure	01/25/2008
Discipline	Civil

Licensed surveyor
No

EXPERIENCE DESCRIPTION

Knowledge of the applicant's work during the time covered by this endorsement	Yes
The description above accurately reflects the work personally performed by the applicant	Yes
The time claimed by the applicant for this experience accurate	Yes

COMMENTS

[redacted] is a very thoughtful and thorough engineer and is well versed in concrete, steel, masonry and wood design.

EMPLOYMENT VERIFICATION

Generated on March 12, 2018 [redacted]

VERIFICATION

Work Experience
Alper Audi, Inc.
Missouri (United States)
Jun. 2011 — May. 2014

Verifier
andre audi
andre.audi@alperaudi.com
(314) 432-8600

Verification Date
03/12/2018 02:58pm EDT

VERIFIER INFO

Position in firm
president

Relationship
ex-employer

Known applicant
I knew him for two years, and that was around four years ago.

Related to applicant
No

Licensed engineer

Board	Missouri
License Number	023879
Date of Licensure	03/01/1990
Discipline	Civil

Licensed surveyor
No

EXPERIENCE DESCRIPTION

Knowledge of the applicant's work during the time covered by this endorsement	Yes
The description above accurately reflects the work personally performed by the applicant	Yes
The time claimed by the applicant for this experience accurate	Yes

COMMENTS

None

Massachusetts Institute of Technology

Registrar's Office
Building 5-117

77 Massachusetts Avenue
Cambridge, Massachusetts
02139–4307

Phone 617–253-4784
Fax 617–253-7459
http://web.mit.edu/registrar

How to Authenticate This Official Transcript From the Massachusetts Institute of Technology

This official transcript has been transmitted electronically to the recipient, and is intended solely for use by that recipient. If you are not the intended recipient, please notify the MIT Registrar's Office. It is not permissible to replicate this document or forward it to any person or organization other than the identified recipient. Release of this record or disclosure of its contents to any third party without written consent of the record owner is prohibited.

This official transcript has been digitally signed and therefore contains special characteristics. If this document has been issued by MIT, and this document is viewed using Adobe® Acrobat version 6.0 or greater, or Adobe® Reader version 6.04 or greater, it will reveal a digital certificate that has been applied to the transcript. This digital certificate will appear in a pop-up screen or status bar on the document, display a blue ribbon, and declare that the document was certified by MIT with a valid certificate issued by GeoTrust CA for Adobe®. This document certification can be validated by clicking on the Signature Properties of the document.

The blue ribbon symbol is your assurance that the digital certificate is valid, the document is authentic, and the contents of the transcript have not been altered.

If the transcript does not display a valid certification and signature message, reject this transcript immediately. An invalid digital certificate display means either the digital signature is not authentic, or the document has been altered. The digital signature can also be revoked by the transcript office if there is cause, and digital signatures can expire. A document with an invalid digital signature display should be rejected.

Lastly, one other possible message, Author Unknown, can have two possible meanings: The certificate is a self-signed certificate or has been issued by an unknown or untrusted certificate authority and therefore has not been trusted, or the revocation check could not complete. If you receive this message make sure you are properly connected to the internet. If you have a connection and you still cannot validate the digital certificate on-line, reject this document.

The transcript key and guide to transcript evaluation is the last page of this document.

The current version of Adobe® Reader is free of charge, and available for immediate download at http://www.adobe.com.

If you require further information regarding the authenticity of this transcript, you may email or call the MIT Registrar's Office at records@mit.edu or 617-253-2658.

Massachusetts Institute of Technology

Academic Transcript

Registrar's Office

77 Massachusetts Avenue
Cambridge, Massachusetts
02139-4307

[redacted]

MIT ID: 912 590 386

Admitted as a Regular Student for Fall Term 2010-2011
from UNIV MISSOURI ST LOUIS
ST LOUIS, MO

Subject	Subject Name	Lvl	Cred	Grade
FALL TERM 2010-2011	COURSE: 1 P		GRADUATE STUDENT	
1.133	Mech Engr Concepts Engr Prac	H	9	A
1.541	Mech & Dsgn:Concrete Strctures	H	12	A
1.571	Structural Analysis & Control	H	12	A
1.572	Structural Systems	H	6	A
1.58	Steel Bridge Competition	G	4	A
1.581	Struct Dynamics & Vibrations	H	12	B
	* * *			
SPRING TERM 2010-2011	COURSE: 1 P		GRADUATE STUDENT	
1.561	Motion-Based Design	H	12	A
1.562	High-Performance Struct Proj	H	15	A
1.58	Steel Bridge Competition	G	4	A
1.582	Steel Structures	H	6	A
1.THG	Thesis	H	12	A
2.094	Finite Element Analysis II	H	12	B
	* * *			

****

03-JUN-2011 Awarded the Degree of Master of Engineering in
Civil and Environmental Engineering

****

Graduate Cumulative GPA: 4.8 (on a 5.0 scale)

****

-- END OF RECORD --

-- No Entries Valid Below This Line --

OFFICIAL TRANSCRIPT: ISSUED 03-JAN-2018
Order #: AVOW:16341995 Page 1 of 1

Issued to

NCEES

Unofficial without signature
Mary R. Callahan, Registrar

Mary R. Callahan

This transcript is printed on security paper and does not require a raised seal. To confirm authenticity, see reverse side. Information must not be disclosed to other parties without prior written consent of the student.

Authentication of Transcript
This official transcript is available in electronic or paper versions. The e-transcript is authenticated using secure Portable Document Format technology developed by Adobe. The paper version is printed on security paper, does not require a raised seal, and bears the date issued and the facsimile signature of the Registrar. The document will stain when touched by chemicals. The back of the paper document contains a watermark, hold at an angle to view. A black and white document is not an original and should not be accepted as official.

Academic Terms, Student Classification, and Courses
MIT's academic calendar has fifteen-week Fall and Spring Terms including exams, a ten-week Summer Term, and a four-week January Term.

Classification: Undergraduate students (Freshman, Sophomore, Junior, Senior) and Graduate students are matriculated in MIT degree programs; Special students, Exchange students, and Cross-registered students are not. Non-resident graduate students are working on doctoral thesis away from MIT.

Course: The student's Course (degree program) begins with a department or program code as listed below, followed by an option within the department. Undergraduate program options can indicate specialty area. Option codes used in graduate programs starting in Fall 1994 include: M, P, or A, Master's; D,
Doctoral; CT, Transportation; RE, Real Estate Development; W, Joint with Woods Hole Oceanographic Institution. Freshmen are not permitted to register in a department. Transfer students generally enter as Sophomores.

Subject, Level, and Credit
Subject: Consists of a department or program code (see list below) followed by a period and a number. *Level* (Lvl): Subjects included in undergraduate cumulative record: **U**. Subjects included in graduate cumulative record: subject approved for (higher) graduate degree credit: **H** (through Summer 2015); other subject accepted for graduate degree credit: **G**; subject in graduate program but not accepted for graduate degree credit: **N.** *Credit*: A credit unit represents one hour of class (lecture/recitation), laboratory/design/fieldwork, or preparation per week for fourteen weeks. Three MIT credit units = one Semester Hour.

Explanation of Grades since 1980

A	Exceptionally good performance, demonstrating a superior understanding of the subject matter, a foundation of extensive knowledge, and a skillful use of concepts and/or materials.
B	Good performance, demonstrating capacity to use the appropriate concepts, a good understanding of the subject matter, and an ability to handle the problems and materials encountered in the subject.
C	Adequate performance, demonstrating an adequate understanding of the subject matter, an ability to handle relatively simple problems, and adequate preparation for moving on to more advanced work in the field.
D	Minimally acceptable performance, demonstrating at least partial familiarity with the subject matter and some capacity to deal with relatively simple problems, but also demonstrating deficiencies serious enough to make it inadvisable to proceed further in the field without additional work.
F	Failed.
J,U	**J** Satisfactory progress that term. **U** Progress not satisfactory that term. Final grade in same subject in a later term also covers this term (e.g., J/B or U/A).
P	Prior to Fall 1990: reflects performance at any of the levels A, B, C, or D. Fall 1990 through Summer 1992: for first-year undergraduates reflects performance at any of the levels A, B, or C; for other than freshmen reflects performance at any of the levels A, B, C, or D. Fall 1992 and after: reflects performance at any of the levels A, B, or C, with students graded on a P/D/F basis.
I	Incomplete. When work completed, final grade follows I (e.g., I/B).
O	Absent from the final examination, did not turn in the final paper or project, and/or was absent during the last two weeks of the term. Equivalent to a grade of F.
OX	Absence satisfactorily explained and excused. When work is completed final grade replaces the OX.
SA	Satisfactorily completed doctoral thesis.
S	Credit awarded for work done elsewhere.
URN	Subject in Undergraduate Research Opportunities Program taken for pay or as a volunteer rather than academic credit (the one unit shown does not count for degree credit).
VIS	Research subject taken as a non-degree visiting student.
&	Grade ending in & indicates Advanced Standing Exam (not included in GPA).
#	Grade ending in # indicates ROTC (not included in degree credit; not included in GPA after Summer 1994).
MG	Indicates grade not submitted by instructor.
IP	Indicates subject "in progress" in current term.
PE	Reflects performance at any of the levels A, B, or C, under an emergency closure.
IE	Incomplete. Indicates a portion of the subject requirements has not been fulfilled, due to a major disruption of academic activities. When work completed, final grade follows (e.g., IE/B).

Freshman Grading
Prior to Fall 1990: Freshmen graded on P/F basis with F grade not recorded on transcript. Fall 1990 to Summer 2002: Freshmen graded on P/D/F basis with non passing D and F grades not recorded on transcript. Fall 2002 and after: Freshmen graded in their second semester on A/B/C/D/F basis with non-passing D and F grades not recorded on transcript.

Cumulative Grade Point Averages
Calculated on a 5.0 scale with A = 5, B = 4, C = 3, D = 2, F and O = 0. P, PE, SA, S, URN, MG, and IP, as well as non-passing grades in Freshman year, not included in GPA. J, U, I, IE, and OX grades not included in GPA until completed. Undergraduate Cumulative GPA includes subjects at Level U and Graduate Cumulative GPA includes subjects at Level H, G, and N, and up to a maximum of 24 units of thesis.

Department and Program Codes since 1980

1	Civil and Environmental Engineering (Civil Engineering prior to Fall 1992)
2	Mechanical Engineering
3	Materials Science and Engineering
4	Architecture
5	Chemistry
6	Electrical Engineering and Computer Science
7	Biology
8	Physics
9	Brain and Cognitive Sciences (Psychology prior to Fall 1986)
10	Chemical Engineering
11	Urban Studies and Planning
12	Earth, Atmospheric, and Planetary Sciences (Earth and Planetary Sciences prior to Fall 1984)
13	Ocean Engineering (through Spring 2007)
14	Economics
15	Management
16	Aeronautics and Astronautics
17	Political Science
18	Mathematics
19	Meteorology and Physical Oceanography (through Summer 1983) (Meteorology through Summer 1980)
20	Biological Engineering (Applied Biological Sciences through Summer 2003) (Nutrition and Food Science prior to Fall 1985)
21	Humanities
21A	Anthropology (Anthropology/Archaeology from Summer 1989 through Summer 1996)
21F	Foreign Languages and Literatures (through Summer 2015)
21G	Global Studies and Languages
21H	History
21L	Literature
21M	Music and Theater Arts
21W	Writing and Humanistic Studies (Writing from Summer 1989 through Summer 1991)
22	Nuclear Science and Engineering (Nuclear Engineering through Spring 2005)
24	Linguistics and Philosophy
25	Interdisciplinary Science (to Spring 1983)
BE	Biological Engineering (through Summer 2006) (**BEH** Bioengineering and Environmental Health from Fall 1998 through Summer 2002; **TOX** Toxicology from Spring 1989 through Summer 1998)
CDO	Computation for Design and Optimization
CMS	Comparative Media Studies
CSB	Computational and Systems Biology
EM	Engineering Management
ESD	Engineering Systems Division
HPM	Health Policy and Management (1983-1990)
HST	Harvard-MIT Division of Health Sciences and Technology
IDS	Institute for Data, Systems, and Society
MAS	Media Arts and Sciences
OR	Operations Research
PEP	Professional Education Programs (**ASP** Advanced Study Program through Summer 2006; **CAES** Center for Advanced Educational Services from Spring 1996 through Summer 2003; **EN** Center for Advanced Engineering Study prior to 1995)
RED	Real Estate Development
SCM	Supply Chain Management
SDM	System Design and Management (through Summer 2010)
STS	Science, Technology, and Society
TPP	Technology and Policy Program (through Summer 1999)
UND	Undesignated Sophomore (not yet declared Course)

Used for subjects only: **SEM** Undergraduate Seminar; **CTS** Center for Transportation Studies; **SP** Special Programs; **AS/MS/NS** ROTC; **SRE** Division for Study and Research in Education; **EC** Edgerton Center; **WGS** Women's & Gender Studies.
Subjects taken under a Cross-registration arrangement begin with the following school codes: **BU** Boston U; **HA** Harvard U; **MC** Mass College of Art and Design; **SM** School of Museum of Fine Arts; **TU** Tufts U; **W** Wellesley College.

Privacy
In accordance with the Family Educational Rights and Policy Act of 1974, as amended, information on this transcript may not be released to or accessed by any other party without the prior written consent of the student concerned. For questions please contact the MIT Registrar's Office, (617) 253-2658.
Revised July 2016

University of Missouri – St. Louis

Official Transcript

Name: [redacted]
Student ID: 12151035
Date of Birth:
Soc. Sec. Number: [redacted]

This transcript has been produced for:

NCEES
NCEES

Course Number	Course Title	Grade	Hours	Remarks

Degrees Awarded
University of Missouri - St. Louis
Mechanical Engineering BSME 12-19-2009
(MAGNA CUM LAUDE)

FALL 2004	**Saint Louis University Main Campus**			
Eng	X190	Adv Strat of Rhet & Rsch	A	3.0
Fr	X115	Comm in French II	A	3.0
WINT 2005	**Saint Louis University Main Campus**			
Eng	X202	Intr to Literary Studies	A	3.0
Mt	X142	Analytic Geom & Calc I	A	4.0
SUM 2005	**Univ of MO-StL**		Ug ENGR	UGRD
Hist	1002	Amer Civ 1865 to Pres	B	3.0

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	3.0	3.0	9.00	3.000
UGRD Campus CUM	3.0	3.0	9.00	3.000
UGRD CUM:	3.0	16.0	9.00	3.000

FALL 2005	**Univ of MO-StL**		Ug ENGR	UGRD
Chem	1111	Introductory Chemistry I	B-	5.0
Honors	1130	West Trad: Soc & Beh Sci	A	3.0
Honors	1200	Fresh Symp: Cult Trad I	A	3.0
Math	1900	Anal Geom & Calculus II	A	5.0

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	16.0	16.0	57.50	3.594
UGRD Campus CUM	19.0	19.0	66.50	3.500
UGRD CUM:	19.0	32.0	66.50	3.500

Course Number	Course Title	Grade	Hours	Remarks

WINT 2006	**Univ of MO-StL**		Ug ENGR	UGRD
Chem	1121	Intro Chemistry II	B-	5.0
Honors	1310	Non-West Trad:Humanities	A	3.0
Honors	2030	Inq in Soc & Beh Science	A	3.0
Math	2000	Anal Geom & Calc III	A	5.0

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	16.0	16.0	57.50	3.594
UGRD Campus CUM	35.0	35.0	124.00	3.543
UGRD CUM:	35.0	48.0	124.00	3.543

SUM 2006	**Univ of MO-StL**		Ug ENGR	UGRD
Phil	3380	Philosophy of Science	B+	3.0

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	3.0	3.0	9.90	3.300
UGRD Campus CUM	38.0	38.0	133.90	3.524
UGRD CUM:	38.0	51.0	133.90	3.524

FALL 2006	**Univ of MO-StL**		Ug ENGR	UGRD
Cmp Sci	1250	Intro to Computing	B+	3.0
Honors	2020	Inq Fine & Perfm Arts	A	3.0
Math	2020	Intro Differential Equat	A-	3.0
Physics	2111	Physics:Mechanics & Heat	A	5.0

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	14.0	14.0	53.00	3.786
UGRD Campus CUM	52.0	52.0	186.90	3.594
UGRD CUM:	52.0	65.0	186.90	3.594

WINT 2007	**Univ of MO-StL**		Ug ENGR	UGRD
Engr	2310	Statics	A-	3.0
Honors	3010	Adv Hon Sem in Humanitie	A	3.0
Math	1320	Applied Statistics I	A	3.0
Physics	2112	Phys:Elec, Magn & Optics	B-	5.0

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	14.0	14.0	48.60	3.471
UGRD Campus CUM	66.0	66.0	235.50	3.568
UGRD CUM:	66.0	79.0	235.50	3.568

SUM 2007	**Univ of MO-StL**		Ug ENGR	UGRD
Honors	4915	Indep Stdy:Online Intern	A	6.0 *

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	6.0	6.0	24.00	4.000
UGRD Campus CUM	72.0	72.0	259.50	3.604
UGRD CUM:	72.0	85.0	259.50	3.604

Theresa L Keuss

Registrar, Theresa Keuss

UNIVERSITY OF MISSOURI - ST LOUIS
Office of the Registrar
One University Blvd.
St. Louis, Missouri 63121
314-516-5676

Credit is expressed i[redacted]

UNDERGRADUATE GRADING SYSTEM

Effective September, 1960
+/- effective Fall Semester 1994

A	- 4.0 grade points
A-	- 3.7 grade points
B+	- 3.3 grade points
B	- 3.0 grade points
B-	- 2.7 grade points
C+	- 2.3 grade points
C	- 2.0 grade points
C-	- 1.7 grade points
D+	- 1.3 grade points
D	- 1.0 grade points
D-	- 0.7 grade points
P Passing	- 0 grade points

(Pass/Fail Option: Pass grade has no numerical value in the cumulative grade point average but will satisfy hourly graduation requirements).

F Failure - 0 grade points
FN Failure, non-participation (effective FS2011)

S/U Option Effective Fall 1985:
S Satisfactory - 0 grade points
Satisfactory/Unsatisfactory option:
S grade (equivalent to A-C-) had no numerical value in the cumulative grade point average but will satisfy hourly graduation requirements.
U Unsatisfactory - 0 grade points
U grade (equivalent to D or F) does not satisfy hourly graduation requirements nor is it computed in the grade point average.

DL or (6) Delayed or Incomplete
E, EX or (0) - Excused from course
EX-F - Excused from course, but failing
H or HR, AU or HE - Auditor, receives no credit toward degree
Y Unauthorized withdrawal - No basis for Evaluation
CR Credit by exam
IP In progress courses
PR Pre-registered
NR GradeNotReported.

GRADUATE AND PROFESSIONAL SCHOOL GRADING SYSTEM

A	B+	C+	F
A-	B	C	DL or (6)
	B-	C-	EX or (0)
			EX-F

S/U Option Effective Fall 2006 (see above for description)

COURSE NUMBERS

001 to 024 - course open to freshmen
025 to 099 - course primarily for sophomores
100 to 199 - course primarily for upperclassmen
200 to 299 - course primarily for undergraduates and graduate students except those whose graduate major is in the department in which the course is given.
300 to 399 - course for undergraduates and for graduate students without restriction as to the students' graduate major.
400 to 499 - primarily for graduate students
500 to 599 - primarily for first professional students

COURSE NUMBERS(EFFECTIVE SS2003)
0001 - 0999 Courses not awarded credit towards a baccalaureate degree.
1000 - 1999 Course primarily for freshmen, but may be taken by sophomores, juniors and/or seniors. Cannot be taken for graduate credit.
2000 - 2999 Course primarily for sophomores, but may be taken by juniors and/or seniors. Cannot be taken for graduate credit.
3000 - 3999 Course open to juniors and seniors.
4000 - 4999 Course open to senior and/or graduate students (so long as a graduate program provides for the inclusion of a designated number of undergraduate hours).
5000 - 5999 Course open to graduate students and undergraduate students with permission.
6000 - 6999 Course open to graduate students only.
7000 - 7999 Course open to graduate students in doctoral programs only.
8000 - 8999 Course open to students in the College of Optometry.

REMARKS

G - course approved for graduate credit
N - course not approved for graduate credit
R - course repeated: removed from grade point average.
* - grade change

In accordance with the Family Educational Rights and Privacy Act of 1974, information from this transcript may not be released to a third party without written consent of the student.

To Confirm Authenticity

The background of the face of this document should consist of a repetition of the words University of Missouri in white from edge to edge on a light blue background. When photocopied in color or on the darker settings of black and white copiers, the word COPY will appear several times in large letters. A black and white document without the official watermark is not an original and should not be accepted as official. The signature of the Registrar and the official seal are preprinted on the face of the transcript.

University of Missouri – St. Louis

Official Transcript

Name: [redacted]
Student ID:
Date of Birth:
Soc. Sec. Number:

This transcript has been produced for:

NCEES
NCEES

Course Number		Course Title	Grade	Hours	Remarks
FALL 2007	**Univ of MO-StL**		Ug ENGR	UGRD	
Engl	3130	Technical Writing	A	3.0	
Engr	2320	Dynamics	A	3.0	
J Cmp Sc	1002	Intr Comp Tools: Matlab	S	1.0	
J E Math	3170	Engineering Mathematics	A	4.0	
J M Engr	2410	Mech Deformable Bodies	A	3.0	

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	13.0	14.0	52.00	4.000
UGRD Campus CUM	85.0	86.0	311.50	3.665
UGRD CUM:	85.0	99.0	311.50	3.665

WINT 2008	**Univ of MO-StL**		Ug ENGR	UGRD	
Honors	2030	Inq in Soc & Beh Science	A-	3.0	
J E Engr	2300	Intro to Electricl Netwk	A-	3.0	
J M Engr	3200	Thermodynamics	B+	3.0	
J M Engr	3700	Fluid Mechanics	A	3.0	

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	12.0	12.0	44.10	3.675
UGRD Campus CUM	97.0	98.0	355.60	3.666
UGRD CUM:	97.0	111.0	355.60	3.666

SUM 2008	**Univ of MO-StL**		Ug ENGR	UGRD	
J M Engr	3250	Material Science for Jme	A	4.0	
J M Engr	4170	Dynamic Resp of Phy Sys	A	2.0	
J M Engr	4180	Dynamic Response Lab	B+	2.0	

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	8.0	8.0	30.60	3.825
UGRD Campus CUM	105.0	106.0	386.20	3.678
UGRD CUM:	105.0	119.0	386.20	3.678

Course Number		Course Title	Grade	Hours	Remarks
FALL 2008	**Univ of MO-StL**		Ug ENGR	UGRD	
J E Engr	2330	Elec & Electronc Cir Lab	A	3.0	
J M Engr	1413	Intro to Engr Design-Cad	A	2.0	
J M Engr	3221	Mech Design & Mach Elemn	A	4.0	
J M Engr	3710	Prin of Heat Transfer	A	3.0	
J M Engr	3721	Fluid Mechanics Lab	A	1.0	

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	13.0	13.0	52.00	4.000
UGRD Campus CUM	118.0	119.0	438.20	3.714
UGRD CUM:	118.0	132.0	438.20	3.714

SPNG 2009	**Univ of MO-StL**		Ug ENGR	UGRD	
J C Engr	4740	Economic Decsns in Engr	A	3.0	
J C Engr	4950	Fund of Engineer Review	S	1.0	
J M Engr	1414	Intro to Engr Desgn-Proj	A	2.0	
J M Engr	3010	Computer Aided Design	A-	3.0	
J M Engr	3722	Heat Transfer Lab	A	1.0	
J M Engr	4820	Air-Cond Sys/Equip II	B+	3.0	

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	12.0	13.0	45.00	3.750
UGRD Campus CUM	130.0	132.0	483.20	3.717
UGRD CUM:	130.0	145.0	483.20	3.717

SUM 2009	**Univ of MO-StL**		Ug ENGR	UGRD	
J M Engr	4110	Mech Engr Design Proj	A-	4.0	
J M Engr	4120	Design of Thermal Systems	A	3.0	

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	7.0	7.0	26.80	3.829
UGRD Campus CUM	137.0	139.0	510.00	3.723
UGRD CUM:	137.0	152.0	510.00	3.723

FALL 2009	**Univ of MO-StL**		Ug ENGR	UGRD	
Honors	4100	Indep Portfolio Writing	A	1.0	
J C Engr	3410	Structural Analysis	B+	3.0	
J M Engr	4041	Curr Top in Eng Design	A	1.0	
J M Engr	4310	Control Systems I	C+	3.0	
J M Engr	4810	Air-Cond Sys/Equip I	A	3.0	
J M Engr	4900	Engineering Project Mgmt	A-	3.0	

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	14.0	14.0	47.90	3.421
UGRD Campus CUM	151.0	153.0	557.90	3.695
UGRD CUM:	151.0	166.0	557.90	3.695

Pierre Laclede Honors College Certificate Awarded

SPNG 2010	**Univ of MO-StL**		Ug ENGR	UGRD	
J C Engr	3420	Structural Design	A	3.0	
J C Engr	4660	Adv Dsgn-Concrete Struct	B+	3.0	

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	6.0	6.0	21.90	3.650
UGRD Campus CUM	157.0	159.0	579.80	3.693
UGRD CUM:	157.0	172.0	579.80	3.693

Theresa L Keuss

Registrar, Theresa Keuss

UNIVERSITY OF MISSOURI - ST LOUIS
Office of the Registrar
One University Blvd.
St. Louis, Missouri 63121
314-516-5676

Credit is expressed i[redacted]

UNDERGRADUATE GRADING SYSTEM

Effective September, 1960
+/- effective Fall Semester 1994

A	- 4.0 grade points
A-	- 3.7 grade points
B+	- 3.3 grade points
B	- 3.0 grade points
B-	- 2.7 grade points
C+	- 2.3 grade points
C	- 2.0 grade points
C-	- 1.7 grade points
D+	- 1.3 grade points
D	- 1.0 grade points
D-	- 0.7 grade points
P Passing	- 0 grade points

(Pass/Fail Option: Pass grade has no numerical value in the cumulative grade point average but will satisfy hourly graduation requirements).

F Failure - 0 grade points
FN Failure, non-participation (effective FS2011)

S/U Option Effective Fall 1985:
S Satisfactory - 0 grade points
Satisfactory/Unsatisfactory option:
S grade (equivalent to A-C-) had no numerical value in the cumulative grade point average but will satisfy hourly graduation requirements.
U Unsatisfactory - 0 grade points
U grade (equivalent to D or F) does not satisfy hourly graduation requirements nor is it computed in the grade point average.

DL or (6) Delayed or Incomplete
E, EX or (0) - Excused from course
EX-F - Excused from course, but failing
H or HR, AU or HE - Auditor, receives no credit toward degree
Y Unauthorized withdrawal - No basis for Evaluation
CR Credit by exam
IP In progress courses
PR Pre-registered
NR GradeNotReported.

GRADUATE AND PROFESSIONAL SCHOOL GRADING SYSTEM

A	B+	C+	F
A-	B	C	DL or (6)
	B-	C-	EX or (0)
			EX-F

S/U Option Effective Fall 2006 (see above for description)

COURSE NUMBERS

001 to 024 - course open to freshmen
025 to 099 - course primarily for sophomores
100 to 199 - course primarily for upperclassmen
200 to 299 - course primarily for undergraduates and graduate students except those whose graduate major is in the department in which the course is given.
300 to 399 - course for undergraduates and for graduate students without restriction as to the students' graduate major.
400 to 499 - primarily for graduate students
500 to 599 - primarily for first professional students

COURSE NUMBERS(EFFECTIVE SS2003)
0001 - 0999 Courses not awarded credit towards a baccalaureate degree.
1000 - 1999 Course primarily for freshmen, but may be taken by sophomores, juniors and/or seniors. Cannot be taken for graduate credit.
2000 - 2999 Course primarily for sophomores, but may be taken by juniors and/or seniors. Cannot be taken for graduate credit.
3000 - 3999 Course open to juniors and seniors.
4000 - 4999 Course open to senior and/or graduate students (so long as a graduate program provides for the inclusion of a designated number of undergraduate hours).
5000 - 5999 Course open to graduate students and undergraduate students with permission.
6000 - 6999 Course open to graduate students only.
7000 - 7999 Course open to graduate students in doctoral programs only.
8000 - 8999 Course open to students in the College of Optometry.

REMARKS

G - course approved for graduate credit
N - course not approved for graduate credit
R - course repeated: removed from grade point average.
* - grade change

In accordance with the Family Educational Rights and Privacy Act of 1974, information from this transcript may not be released to a third party without written consent of the student.

To Confirm Authenticity

The background of the face of this document should consist of a repetition of the words University of Missouri in white from edge to edge on a light blue background. When photocopied in color or on the darker settings of black and white copiers, the word COPY will appear several times in large letters. A black and white document without the official watermark is not an original and should not be accepted as official. The signature of the Registrar and the official seal are preprinted on the face of the transcript.

University of Missouri – St. Louis

Official Transcript

Name: [redacted]
Student ID:
Date of Birth:
Soc. Sec. Number:

This transcript has been produced for:

NCEES
NCEES

Course Number	Course Title	Grade	Hours	Remarks

Course Number	Course Title	Grade	Hours	Remarks
SUM 2010	**Univ of MO-StL**	Ug ENGR	UGRD	
J C Engr 3360	Civil Engineering Mat Lb	AU	1.0	

	GPA Hrs Att	Hrs Ern	Qual Pt	GPA
UGRD Term:	0.0	0.0	0.00	
UGRD Campus CUM	157.0	159.0	579.80	3.693
UGRD CUM:	157.0	172.0	579.80	3.693

Theresa L Keuss

Registrar, Theresa Keuss

UNIVERSITY OF MISSOURI - ST LOUIS
Office of the Registrar
One University Blvd.
St. Louis, Missouri 63121
314-516-5676

Credit is expressed i[redacted]

UNDERGRADUATE GRADING SYSTEM

Effective September, 1960
+/- effective Fall Semester 1994

A	- 4.0 grade points
A-	- 3.7 grade points
B+	- 3.3 grade points
B	- 3.0 grade points
B-	- 2.7 grade points
C+	- 2.3 grade points
C	- 2.0 grade points
C-	- 1.7 grade points
D+	- 1.3 grade points
D	- 1.0 grade points
D-	- 0.7 grade points
P Passing	- 0 grade points

(Pass/Fail Option: Pass grade has no numerical value in the cumulative grade point average but will satisfy hourly graduation requirements).

F Failure - 0 grade points
FN Failure, non-participation (effective FS2011)

S/U Option Effective Fall 1985:
S Satisfactory - 0 grade points
Satisfactory/Unsatisfactory option:
S grade (equivalent to A-C-) had no numerical value in the cumulative grade point average but will satisfy hourly graduation requirements.
U Unsatisfactory - 0 grade points
U grade (equivalent to D or F) does not satisfy hourly graduation requirements nor is it computed in the grade point average.

DL or (6) Delayed or Incomplete
E, EX or (0) - Excused from course
EX-F - Excused from course, but failing
H or HR, AU or HE - Auditor, receives no credit toward degree
Y Unauthorized withdrawal - No basis for Evaluation
CR Credit by exam
IP In progress courses
PR Pre-registered
NR GradeNotReported.

GRADUATE AND PROFESSIONAL SCHOOL GRADING SYSTEM

A	B+	C+	F
A-	B	C	DL or (6)
	B-	C-	EX or (0)
			EX-F

S/U Option Effective Fall 2006 (see above for description)

COURSE NUMBERS

001 to 024 - course open to freshmen
025 to 099 - course primarily for sophomores
100 to 199 - course primarily for upperclassmen
200 to 299 - course primarily for undergraduates and graduate students except those whose graduate major is in the department in which the course is given.
300 to 399 - course for undergraduates and for graduate students without restriction as to the students' graduate major.
400 to 499 - primarily for graduate students
500 to 599 - primarily for first professional students

COURSE NUMBERS(EFFECTIVE SS2003)
0001 - 0999 Courses not awarded credit towards a baccalaureate degree.
1000 - 1999 Course primarily for freshmen, but may be taken by sophomores, juniors and/or seniors. Cannot be taken for graduate credit.
2000 - 2999 Course primarily for sophomores, but may be taken by juniors and/or seniors. Cannot be taken for graduate credit.
3000 - 3999 Course open to juniors and seniors.
4000 - 4999 Course open to senior and/or graduate students (so long as a graduate program provides for the inclusion of a designated number of undergraduate hours).
5000 - 5999 Course open to graduate students and undergraduate students with permission.
6000 - 6999 Course open to graduate students only.
7000 - 7999 Course open to graduate students in doctoral programs only.
8000 - 8999 Course open to students in the College of Optometry.

REMARKS

G - course approved for graduate credit
N - course not approved for graduate credit
R - course repeated: removed from grade point average.
* - grade change

In accordance with the Family Educational Rights and Privacy Act of 1974, information from this transcript may not be released to a third party without written consent of the student.

To Confirm Authenticity

The background of the face of this document should consist of a repetition of the words University of Missouri in white from edge to edge on a light blue background. When photocopied in color or on the darker settings of black and white copiers, the word COPY will appear several times in large letters. A black and white document without the official watermark is not an original and should not be accepted as official. The signature of the Registrar and the official seal are preprinted on the face of the transcript.

VERIFICATION OF LICENSURE OR EXAMINATION

[redacted] [redacted]

LICENSES

Initial/Comity	Type	Number	Issue Date	Expiration Date
Initial	Structural	081.008092	December 2017	November 2024

EXAMS

Exam	Hours	Exam Date	Additional Information
NCEES SE - Structural 16 Hour	16.0	October 2017	—

ADDITIONAL INFORMATION

Disciplinary Action	None
Notes	⊘ Not Set

VERIFICATION

Verifier
Bridget Butterick

Board
Illinois Structural Engineering Board

Verification Date
07/12/2023 05:32pm EDT

VERIFICATION OF LICENSURE OR EXAMINATION

[redacted] [redacted]

LICENSES

Initial/Comity	Type	Number	Issue Date	Expiration Date
Comity	PE	PE-2018028045	July 2018	December 2024

EXAMS

Exam	Hours	Exam Date	Additional Information
NCEES FE	8.0	October 2009	—

ADDITIONAL INFORMATION

Disciplinary Action	None
Notes	EI-2016002092; Enrolled January 22, 2016 PE - Illinois (comity)

VERIFICATION

Verifier
Karen Payne

Verification Date
06/01/2023 10:08am EDT

Board
Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects

PROFESSIONAL REFERENCE

Generated on September 26, 2024
[redacted]

REFERENCE VERIFICATION

Verifier
Kyle Joseph Linenfelser
Klinenfelser@caseengineeringinc.com
(636) 349-1600

Verification Date
09/26/2024 11:44am EDT

VERIFIER INFO

Employer
Case Engineering

Position
Principal

Relationship
Supervisor

Known applicant
9 years

Related to applicant
No

Licensed engineer

Board	California
License Number	C 72338
Date of Licensure	01/25/2008
Discipline	Civil

Licensed surveyor
No

PERSONAL EXPERIENCE WITH APPLICANT

From personal knowledge, I verify that the applicant has appropriate experience in the following areas:

- Technical competency and engineering judgment
- Integrity and ethics
- Independent decision making
- Project management / communications

Would you entrust this applicant with responsibility for an important engineering/surveying project involving the health, safety, and welfare of the public?
Yes

Would you recommend this applicant for licensure as a Professional Engineer/Surveyor?
Yes

COMMENTS

[redacted] is a very intelligent and qualified engineer.

PROFESSIONAL REFERENCE

Generated on September 25, 2024
[redacted]

REFERENCE VERIFICATION

Verifier
Stephen Joseph Sacco
ssacco@caseengineeringinc.com
(314) 265-2528

Verification Date
09/25/2024 11:59am EDT

VERIFIER INFO

Employer
Case Engineering, Inc.

Position
Principal, Sr Structural Engineer

Relationship
Supervisor

Known applicant
Since May 30, 2014

Related to applicant
No

Licensed engineer

Board	Missouri
License Number	E-21871
Date of Licensure	02/24/1986
Discipline	Civil/Sanitary/Structural

Licensed surveyor
No

PERSONAL EXPERIENCE WITH APPLICANT

From personal knowledge, I verify that the applicant has appropriate experience in the following areas:

- Technical competency and engineering judgment
- Integrity and ethics
- Independent decision making
- Project management / communications

Would you entrust this applicant with responsibility for an important engineering/surveying project involving the health, safety, and welfare of the public?
Yes, without question.

Would you recommend this applicant for licensure as a Professional Engineer/Surveyor?
Yes, without any hesitation.

COMMENTS

[redacted] has expressed interest in perfecting the office standards to ensure all the structural engineers at the office are following the latest code requirements and our documents are up to date!

PROFESSIONAL REFERENCE

Generated on September 25, 2024
[redacted]

REFERENCE VERIFICATION

Verifier
Ardeshir E Mansouri
amansouri@caseengineeringinc.com
(636) 349-1600

Verification Date
09/25/2024 01:01pm EDT

VERIFIER INFO

Employer
Case Engineering, Inc

Position
Principal Structural Engineer

Relationship
Supervisor

Known applicant
9 years

Related to applicant
No

Licensed engineer

Board	Missouri
License Number	2014016980
Date of Licensure	06/04/2014
Discipline	Structural

Licensed surveyor
No

PERSONAL EXPERIENCE WITH APPLICANT

From personal knowledge, I verify that the applicant has appropriate experience in the following areas:

- Technical competency and engineering judgment
- Integrity and ethics
- Independent decision making
- Project management / communications

Would you entrust this applicant with responsibility for an important engineering/surveying project involving the health, safety, and welfare of the public?
yes

Would you recommend this applicant for licensure as a Professional Engineer/Surveyor?
yes

COMMENTS

⊘ None

PROFESSIONAL REFERENCE

Generated on September 25, 2024
[redacted]

REFERENCE VERIFICATION

Verifier
Conner Lee Stephens
cstephens@caseengineeringinc.com
(636) 349-1600

Verification Date
09/25/2024 12:23pm EDT

VERIFIER INFO

Employer
Case Engineering Inc.

Position
Structural Engineer

Relationship
Peer

Known applicant
5 years

Related to applicant
No

Licensed engineer

Board	Missouri
License Number	2022036892
Date of Licensure	09/13/2022
Discipline	Structural

Licensed surveyor
No

PERSONAL EXPERIENCE WITH APPLICANT

From personal knowledge, I verify that the applicant has appropriate experience in the following areas:

- Technical competency and engineering judgment
- Integrity and ethics
- Independent decision making
- Project management / communications

Would you entrust this applicant with responsibility for an important engineering/surveying project involving the health, safety, and welfare of the public?
Yes, I would absolutely trust Matt with any of these responsibilities.

Would you recommend this applicant for licensure as a Professional Engineer/Surveyor?
Yes.

COMMENTS

⊘ None

PROFESSIONAL REFERENCE

Generated on September 25, 2024
[redacted]

REFERENCE VERIFICATION

Verifier
Aziz Kadric
aziz@kadriceng.com
(314) 258-4252

Verification Date
09/25/2024 12:34pm EDT

VERIFIER INFO

Employer
Kadric Engineering Inc.

Position
President, Structural Engineer

Relationship
Colleague

Known applicant
9 years

Related to applicant
No

Licensed engineer

Board	Missouri
License Number	2018021202
Date of Licensure	06/19/2018
Discipline	Civil

Licensed surveyor
No

PERSONAL EXPERIENCE WITH APPLICANT

From personal knowledge, I verify that the applicant has appropriate experience in the following areas:

- Technical competency and engineering judgment
- Integrity and ethics
- Independent decision making
- Project management / communications

Would you entrust this applicant with responsibility for an important engineering/surveying project involving the health, safety, and welfare of the public?
Yes.

Would you recommend this applicant for licensure as a Professional Engineer/Surveyor?
Yes.

COMMENTS

⊘ None

ENG2402711

Applicant is requesting PE by exam, and work experience submitted to be reviewed by EQC. Work experience is manufacturing (Boeing)

BRPELS experience & verification form

- Education
  - BS – Mechanical Engineer
    - Washington State University
    - ABET Accredited
    - May, 2013
- Exams
  - FE
    - WA
    - April, 2013

Professional Engineering Experience and Verification

This is a required supporting document for a professional engineering license application.

Applicant: complete sections 1 and 2
Verifier: complete section 3

For questions email engineers@brpels.wa.gov or call: (360) 664-1575

23201-Supporting

Applicant instructions

- Complete sections 1 and 2
- Send a copy of this form (with section 1 and 2 completed) to each of your verifiers.
  Your verifiers should complete section 3 and send it back to you in a sealed envelope (don't open).
  Or they can email it to: engineers@brpels.wa.gov
- When you have all your forms back from your verifiers, mail the sealed envelopes to:

Board of Registration for Professional Engineers and Land Surveyors
PO Box 9025
Olympia WA 98507-9025

Work experience must be gained under the direct supervision of a professional engineer (PE), except for federal government or manufacturing employees.

- **Federal government employees:** You are not required to gain experience under a PE. Your direct supervisor must verify your experience.
- **Manufacturing employees:** You are not required to gain experience under a PE, but a PE must be employed by the firm. Your direct supervisor must verify your experience.

Name and license number of PE at time of your employment: Philip Mark Osterhus - PE License Number 29841

1 Work experience information—applicant complete this section

Applicant name [redacted]		
Former name *(if applicable)*		Branch applying for: Civil: Transportation
Address, City, State, ZIP code [redacted]		
Employed by: The Boeing Company		
Dates of employment *(From, To)*: 06/2013 - 10/2020	Average hours per week: 40	Supervisor name: Esayas Habte

2 Work experience details—applicant complete this section

Give details about the work you did for each section. The work should:

- be progressive in difficulty and magnitude
- show sufficient breadth and scope
- reflect your ability to design and apply engineering principles where your judgments and decisions are trusted and relied upon

Describe your experience

A. Formulating conclusions and recommendations.

While working for Boeing, I assessed non-conforming conditions on aircraft in production and developed remedies. This often required collecting information to determine the root cause of a condition. In one instance, I worked with a team of mechanics to identify the source of recurring damage on a series of thrust reversers. We were able to narrow the issue down to one part. I designed an interim fix and gave recommendations to the design engineers for changes to the part for future production.

(continued on next page)

Applicant name [redacted]

2 Work experience descriptions–continued

Describe your experience

B. Identifying design and/or project objectives.

There were many instances where replacing a part damaged during production was not feasible, but by repairing the part would still meet design requirements. By studying engineering documentation, coordinating with other engineers, and following established processes, I determined when a repair would still meet the design objectives of a part or assembly. Repairs could range from simply sanding scratches away to complex modifications of the aircraft structure.

C. Identifying possible alternative methods and concepts.

When constructing the first units of a new model aircraft, one of the structural joins was not assembling properly. Working with a team of other engineers, I developed multiple assembly alternatives. The alternatives required modified parts and/or a significantly revised order of operations. We worked with the manufacturing team to determine which alternative was the most feasible given physical limitations and timelines.

D. Defining performance specifications and functional requirements.

While I wasn't typically in a role at Boeing where I defined the requirements of a design, I did perform analyses to verify that repairs I designed would at least match the performance of the original design. This required familiarizing myself with the purpose of many structures and systems so that I could identify what aspects of their design were important to maintain or replicate.

E. Solving engineering problems.

I had to solve a variety of engineering problems when working at Boeing. In addition to repairing parts to ensure they still met structural requirements, I also evaluated systems. When systems were not behaving correctly during production tests, I would troubleshoot the problem to determine the cause. After remedying the source of the problem, I would develop retest requirements to ensure that parts of the system that were disturbed still met requirements.

F. Interacting with professionals from other areas of practice.

Working in a role supporting manufacturing, I often needed to cooridinate with wide variety of other professionals. These included Stress Engineers to help with more complicated structural repairs, Systems Engineers to help diagnose test failures, and Design Engineers of numerous disciplines to ensure that the requirements of their products were still being met.

G. Effectively communicating recommendations and conclusions.

While working at Boeing, I increasingly needed to communicate the results of my work to other engineers and management from different teams. This often included people without a technical background. I became proficient at explaining problems and my proposed solutions to these varied audiences.

H. Demonstrating an understanding and concern for energy/environmental considerations and sustainability of resources.

When working on the skin of the aircraft, I frequently evaluated impacts that might increase drag. Whenever possible, we made an effort to decrease drag which would in turn reduce the fuel consumption of the aircraft.

(continued on next page)

Applicant name [redacted]

Applicant mailing address [redacted]

Verifier instructions

- Refer to the applicant's information in sections 1 and 2 to answer the questions below.
- When you complete the form:
  - Put the form in an envelope
  - Seal the envelope and sign across the flap
  - Return the sealed envelope to the applicant
    Or you can scan and email it directly to: engineers@brpels.wa.gov

3 Work experience verification—supervisor/verifier complete this section. All sections must be completed.

PRINT or TYPE Verifier's name		Title	
Esayas Habte		Senior Lead	
(Area code) Phone number		Email	
425-876-7693 (w), 206-280-5609 (w)		esayas.o.habte@boeing.com	
State where you are licensed	Registration/license number	Issue date	Expiration date
N/A	N/A	N/A	N/A

Answer the following

Were you registered as a professional engineer at the time you supervised the applicant? ..... ☐ Yes ☑ No

Describe your level of supervision over the applicant's work:

I served as one of his mentors and signed for a lot of the tasks that he was performing prior to receiving his MRB certificate,. Once he received his MRB certificate, I monitored his work regularly and performed quarterly, semi-annually, and yearly audits of his work as mandated by the FAA.

If you are not the applicant's supervisor, please explain your working relationship to the applicant and how you are able to provide this verification:

I was the super lead in the area so I monitored the day to day work that took place in our area.

Check the work experience categories in which you believe the applicant is competent and prepared to be examined for admission to the profession:

- ☑ A. Formulating conclusions and recommendations
- ☑ B. Identifying design and/or project objectives
- ☑ C. Identifying possible alternative methods and concepts
- ☑ D. Defining performance specifications and functional requirements
- ☑ E. Solving engineering problems
- ☑ F. Interacting with professionals from other areas of practice
- ☑ G. Effectively communicating recommendations and conclusions
- ☑ H. Demonstrating an understanding and concern for energy/environmental considerations and sustainability of resources

How does the applicant's description of experience, including the scope and complexity of the work, match your evaluation?

[redacted] description of his experience is to the point and matches my recollection. [redacted] was well known for his great work ethic, problem solving skills, communication skills, attitude, and his integrity.

(continued on next page)

Applicant name [redacted]

3 Work experience verification—continued

Answer the following

How long have you been the applicant's supervisor?. . . . . _____ years/months

Give a brief description of a typical project for which the applicant made engineering judgments and decisions and of the character of the duties required by the project.

The majority of our work consists of correcting manufacturing and design errors and providing retests requirements for disturbed systems to ensure system integrity and functionality. [redacted] is detail oriented person so he would always comb through all relevant drawings and specifications to come up with sound repairs that met or exceeded design requirements. [redacted] possessed a great foundation and excellent technical knowledge to perform the MRB function so we were always confident that the work would get done properly when he had to work on an alternate shift with limited resources as we sometimes had to. [redacted] took his work very seriously and was always cognizant of the implications of all his decisions. [redacted] had also become a great resource for everyone around him at the time of his departure.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Esayas Habte

TYPE or PRINT Verifier's name

11/5/2024

Date and place

X [signature]

Verifier's signature

Please affix your stamp or seal in the space below. If no seal or stamp is available, attach a copy of your current license. **If the stamp or license cannot be provided, provide a detailed explanation.**

Notes from NCEES June meeting & RCW WAC update requirements

From the June 12, 2024 EQC Meeting:

NCEES Decoupling Exams, speaker Stef Goodenow:
The committee had a guest speaker, Stef Goodenow with NCEES who provided some information on the decoupling of the exams. Currently, 32 boards have decoupled the engineering exam and 20 boards have decoupled the PLS exam. The committee had a lot of questions for a better understanding of decoupling and exam approval. NCEES does not evaluate anything, each Board chooses one of the two approval processes:

- Auto Approve No requirements are needed (education or experience) for FE/FLS, however, to take the PE/PLS the system will identify if the applicant has taken & passed the FE/FLS to take the PE/PLS exam.
- Education restriction
- Requires education to move forward with exam approval. Applicant would be required to have one of the following: ASAC/EAC/ETAC degree.

There are benefits to decoupling the exam:

- Examinees can test anytime (Applicants are only allowed to take the exam once per quarter, not to exceed 3x per calendar year)
- It encourages those who are examining to stay in the profession
- Gives the boards & staff easier application flow

The board can write an attestation statement, this statement would be before the exam, for example, “Just because you passed this exam, does not mean you will get licensed”

Decoupling the education/experience requirements prior to the examination.

• Any changes to RCW/WAC required?
RCW 18.43.040 Registration requirements.
RCW 18.43.060 Examinations.
WAC 196-12 Registered professional engineers

RCW 18.43.040

Registration requirements.

(1) The following will be considered as minimum evidence satisfactory to the board that the applicant is qualified for registration as a professional engineer, engineer-in-training, professional land surveyor, or land-surveyor-in-training, respectively:

(a)(i) As a professional engineer applicant: A specific record of eight years or more of experience in engineering work of a character satisfactory to the board and indicating that the applicant is competent to practice engineering; and successfully passing two examinations as ~~a written or oral examination, or both, in engineering~~ as prescribed by the board in rule.

(ii) Graduation in an approved engineering curriculum of four years or more from a school or college approved by the board ~~as of satisfactory standing~~ shall be considered equivalent to four years of such required experience. The satisfactory completion of each year of such an approved engineering course without graduation shall be considered as equivalent to a year of such required experience. Graduation in a curriculum other than engineering from a school or college approved by the board shall be considered as ~~equivalent~~ up to two years of such required experience. However, no applicant shall receive credit for more than four years of experience because of undergraduate educational qualifications. The board may, at its discretion, give credit as experience not in excess of one year, for satisfactory postgraduate study in engineering.

(iii) Structural engineering is recognized as a specialized branch of professional engineering. To receive a certificate of registration in structural engineering, an applicant must hold a current registration in this state in engineering and have at least two years of structural engineering experience, of a character satisfactory to the board, in addition to the eight years' experience required for registration as a professional engineer. An applicant for registration as a structural engineer must also pass an additional a structural examination as prescribed by the board.

(iv) An engineer must be registered as a structural engineer in order to provide structural engineering services for significant structures. ~~The board may waive the requirements of this subsection (1)(a)(iv) until December 31, 2010, if:~~

~~(A) On January 1, 2007, the engineer is registered with the board as a professional engineer; and~~

~~(B) Within two years of January 1, 2007, the engineer demonstrates to the satisfaction of the board that the engineer has sufficient experience in the duties typically provided by a professional structural engineer regarding significant structures.~~

(b)(i) As an engineer-in-training applicant: An applicant for registration as an engineer-in-training (EIT) must have passed an examination on the fundamentals of engineering subjects as prescribed by the Board and have either four years of engineering experience or have graduated from an educational program approved by the board.

~~professional engineer shall take the prescribed examination in two stages. The first stage of the examination may be taken upon submission of his or her application for registration as an engineer-in-training and payment of the application fee prescribed in~~

Commented [LEE(1]:
Overall suggestion to allow decoupling. Cut this down to

i.PE License Requirements – experience, education, exam
ii.EIT Requirements -- experience, education, exam

iii.LS License Requirements -- experience, education, exam
iv.LSIT Requirements-- experience, education, exam

Save the details about the examinations for a separate section

Commented [LEE(2]: Removing examination language

RCW **18.43.050** at any time after the applicant has completed four years of the required engineering experience, as defined in this section, or has achieved senior standing in a school or college approved by the board. The first stage of the examination shall test the applicant's knowledge of appropriate fundamentals of engineering subjects, including mathematics and the basic sciences.

(ii) At any time after the completion of the required eight years of engineering experience, as defined in this section, the applicant may take the second stage of the examination upon submission of an application for registration and payment of the application fee prescribed in RCW **18.43.050**. This stage of the examination shall test the applicant's ability, upon the basis of his or her greater experience, to apply his or her knowledge and experience in the field of his or her specific training and qualifications.

(c)(i) As a professional land surveyor applicant: A specific record of eight years or more of experience in land surveying work of a character satisfactory to the board and indicating that the applicant is competent to practice land surveying, and successfully passing a written or oral examinations, or both, in surveying as prescribed by the board in rule.

(ii) Graduation from a school or college approved by the board as of satisfactory standing, including the completion of an approved course in surveying, shall be considered equivalent to four years of the required experience. Postgraduate college courses approved by the board shall be considered for up to one additional year of the required experience.

(d)(i) As a land-surveyor-in-training: An applicant for registration as a professional land-surveyor-in-training shall take an examination on the fundamentals of land surveying and have four years of experience which may be substituted with years of education from an educational program approved by the board.

shall take the prescribed examination in two stages. The first stage of the examination may be taken upon submission of his or her application for registration as a land-surveyor-in-training and payment of the application fee prescribed in RCW **18.43.050** at any time after the applicant has completed four years of the required land surveying experience, as defined in this section, or has achieved senior standing in a school or college approved by the board. The first stage of the examination shall test the applicant's knowledge of appropriate fundamentals of land surveying subjects, including mathematics and the basic sciences.

(ii) At any time after the completion of the required eight years of land surveying experience, as defined in this section, the applicant may take the second stage of the examination upon submission of an application for registration and payment of the application fee prescribed in RCW **18.43.050**. This stage of the examination shall test the applicant's ability, upon the basis of greater experience, to apply knowledge and experience in the field of land surveying.

(iii) The first stage shall be successfully completed before the second stage may be attempted. Applicants who have been approved by the board to take the examination based on the requirement for six years of experience under this section before July 1, 1996, are eligible to sit for the examination.

Commented [LEE(3]: Remove to be in examination section. Also, to accommodate decoupling.

Commented [LEE(4]: Remove examination language

Commented [LEE(5]: Removing examination language

(2) No person shall be eligible for registration as a professional engineer, engineer-in-training, professional land surveyor, or land-surveyor-in-training, who is not of good character and reputation.

(3) Teaching, of a character satisfactory to the board shall be considered as experience not in excess of two years for the appropriate profession.

(4) The mere execution, as a contractor, of work designed by a professional engineer, or the supervision of the construction of such work as a foreman or superintendent shall not be deemed to be practice of engineering.

(5) Any person having the necessary qualifications prescribed in this chapter to entitle him or her to registration shall be eligible for such registration although the person may not be practicing his or her profession at the time of making his or her application.

RCW 18.43.060

Examinations.

A minimum of ~~T~~two examinations are required for licensure. One shall test for knowledge and understanding fundamental subjects and the other shall test for professional practice.

~~When oral or written examinations are required, they shall be held at such time and place as the board shall determine. If examinations are required on fundamental engineering subjects (such as ordinarily given in college curricula) the applicant shall be permitted to take this part of the professional examination prior to his or her completion of the requisite years of experience in engineering work. The board shall issue to each applicant upon successfully passing the examination in fundamental engineering or land surveying subjects a certificate stating that the applicant has passed the examination in fundamental engineering subjects and that his or her name has been recorded as an engineer-in-training or land surveyor-in-training.~~

The scope of the examinations and the methods of procedure shall be prescribed by the board with special reference to the applicant's ability to design and supervise engineering or land surveying works so as to ~~insure~~ ensure the safety of life, health and property. Examinations shall be given for the purpose of determining the qualifications of applicants for registration separately in engineering and in land surveying. ~~A candidate failing an examination may apply for reexamination. Subsequent examinations will be granted upon payment of a fee to be determined by the board.~~

Commented [LEE(6]: Change for De-Coupling.

Commented [LEE(7]: This should be in the EIT or LSIT section above. It has nothing to do with examination. Also, do EITs LSITs need education or experience or just pass the test?

Commented [VC8R7]: They need to have either education or experience or both

WAC 196-12-013 FE examination application.

(1) **ABET accredited degree applicants.** For those who have attended ABET accredited degree programs and now have reached senior standing, applications to take the FE examination may be completed online directly with NCEES. Applicants should list the state of Washington as their licensing state.

(2) **All other applicants.** Those who do not meet the requirements of subsection (1) of this section must fill out the FE exam application provided on the board website, https://brpels.wa.gov/, demonstrate they meet the requirements, provide required documentation, and be approved by the board to take the examination.

Further details on education experience records are provided under WAC **196-12-021**.

WAC 196-12-014 PE licensure application form.

The board has a single application form for PE licensure in the state of Washington. This application form must be used by all applicants including those applying for the PE exam and licensure concurrently, those who have already taken the PE examination in another jurisdiction but have not obtained their initial license, and those who are already licensed in another jurisdiction and are seeking a license in Washington state.

(1) **Current PE examination and licensure applications:** Applicants who have not taken the PE examination will apply for both the PE examination and licensure on the application form. In order to be approved by the board to take the PE examination, the applicant must complete all sections of the form, except the date and location of taking the PE exam and must otherwise meet all of the qualifications for licensure. Upon passing the PE examination, the applicant is also qualified for licensure.

Applications for PE examination and licensure must be received at the board's address with the applicable fee by the date posted on the board's website.

(2) **All other applicants for PE licensure in Washington state.** All other applicants applying for licensure in the state of Washington, including those who are licensed in another jurisdiction or have passed the Principles & Practices of engineering examination but have not obtained their initial license, must complete all sections of the application form provided by the board.

(3) All applicants must provide information on the application form that demonstrates they meet all requirements for licensure. This includes work

experience requirements, education requirements, and examination requirements as detailed in WAC **196-12-010**, **196-12-020**, and **196-12-021**; and RCW **18.43.040**.

(4) All applicants must provide the following documents to verify the work experience, education, and examination requirements:

(a) A completed NCEES record transmitted to the Washington board; or

(b) Provide all the following documents:

(i) Education experience records - Official transcripts or the equivalent, showing all grades and degrees.

(ii) Work experience records - Completed form titled "Professional Engineering Experience Verification" which includes not only work experience information and details but also verifications of work experience by supervisors or other verifiers, per RCW **18.43.050**.

(iii) Verification of licensing in any other jurisdiction(s), if any.

(iv) Verification of passing the FE examination or its equivalent (if any) or verification of FE waiver and verification of passing the PE examination.

NCEES Attestations Examples

Hi Vonna!

Thanks again for allowing me to join your meeting. Hopefully, they got most of their questions answered.

Sorry for not sending this yesterday, but here are a few examples of attestations.

North Carolina PE (they are completely auto-approved, but they also add in their education requirements as a notice…the system just doesn't stop them if they don't have it. Also, the FE exam information is pretty typical for all boards because it helps to explain how to ensure they get the FE exam verified):
Application to the North Carolina board is not required prior to examination. However, you must have passed the FE exam (or requested and qualified for a waiver) and have that information available in your account as follows:

- If you took the FE exam from October 2010 through the present, your passing results will show in your exam history. You will be automatically approved.
- If you took the FE exam prior to October 2010, you must request for your FE exam to be verified in your account. To accomplish this, look on the right side of your dashboard when you log in, where there will be a link to Exam Verification. Click on Request Verification at the top of the page and follow the steps to make the request to your state board where you took and passed the exam. Keep in mind that some state boards require ample time to process the verification, and plan accordingly.
- If you are waiving the FE exam, you must first apply for the waiver with the North Carolina board. Once approved for the waiver, request FE verification through your account and it will be entered as such, and you will then be approved for the exam.

To be eligible to take the PE exam you must also possess one of the following:

· A bachelor's degree in engineering from an EAC/ABET-accredited program. With this degree an applicant is eligible for PE licensure with four years of progressive engineering experience from the date of graduation.

· A bachelor's degree in engineering from an ETAC/ABET accredited program, or related science curriculum. With this degree an applicant is eligible for PE licensure with eight years of progressive engineering experience from the date of graduation.

· A master's degree in engineering from an institution that offers EAC/ABET accredited undergraduate programs in the same discipline. With this degree an applicant is eligible for PE licensure with four years of progressive engineering experience from the date of graduation.

· An earned doctoral degree in engineering from an institution that offers EAC/ABET accredited

programs. With this degree an applicant is eligible for PE licensure with two years of progressive engineering experience.

Visit the board's website for licensure application instructions once you have passed the exam.
==========

Idaho (a more simplistic one):
Beginning July 1, 2018, applications for initial licensure are submitted after passing the NCEES Fundamentals (FE) examination and Professional (PE and/or SE) examination. Once both examinations are passed and the qualifying education and experience are met, then applications for licensure may be submitted to the Board.
Applicants must still meet the Idaho boardresidency requirement to apply for initial licensure.
==========

West Virginia PE (one with the education requirement, this one also has some of the "passing the exam does not equal licensure" messages):

The West Virginia State Board of Registration for Professional Engineers (WV PE Board) no longer requires examinees to submit a pre-approval application or fee to the Board prior to registering for and scheduling to take the NCEES PE exam. However, the following items are required to be submitted to NCEES **prior to PE exam registration**:

- Official college transcript(s) sent directly from your institution to NCEES. The WV PE Board requires that the transcript show you have earned an EAC (engineering) or ETAC (engineering technology) ABET-accredited bachelor's degree; or written approval from the WV PE Board to register with NCEES for the exam. All examinees should visit the ABET website at www.abet.org to ensure their bachelor's degree is from an EAC or ETAC ABET-accredited program at their specific institution. Examinees without EAC or ETAC ABET-accredited degrees or prior written approval should contact lesley@wvpebd.org for pre-approval procedures before beginning the NCEES PE Exam registration process.

- Verification of passage of the FE exam submitted directly from the state where you passed the exam. You can check to see if your FE exam has already been verified by looking at the right side of your dashboard when you log in and following the Exam Verification link. If you do not see your FE exam verified here, you must request for your FE exam to be verified in your account. To accomplish this, go to the right side of your dashboard when you log in, where there will be a link to click to Request Exam Verification and simply follow the steps to make the request to the state board where you took and passed the exam. Keep in mind that some state boards require ample time to process the verification, and plan accordingly.

The WV PE Board requires all examinees to visit the Board's website at https://www.wvpebd.gov/ to review the WV Engineering Law and PE application materials for initial licensure to guarantee they

understand the minimum qualifications. After doing so, all WV PE exam applicants must attest to the following 5 statements before they can proceed with the registering for and scheduling an exam:

1. *I am a graduate of a Bachelor's program from an EAC or ETAC ABET-accredited engineering program or I have written approval from the WV PE Board to register for this examination;*
2. *I have passed the NCEES Fundamentals of Engineering examination;*
3. *I acknowledge and understand that passing this NCEES PE examination does not guarantee future licensure in any state or jurisdiction*.
4. *I acknowledge I have read and understood the WV Engineering Law, and specifically the Examination and Licensure minimum qualifications criteria to be eligible for initial PE licensure in West Virginia*.
5. *I understand that once I pass the NCEES PE exam, and have earned the necessary qualifying experience, I am required to apply directly to the WV PE Board to continue the initial licensure process by submitting the required application and fees, along with all documentation as required by the Board*.

==========

If you have further questions about any of this, just let me know!!
Stef

--
Stef Goodenow
help@ncees.org

How would you rate my reply?
Great Okay Not Good

Attestation examples

Application to the Washington State board is not required prior to examination. However, you must have passed the FE exam and have that information available in your account as follows:

- If you took the FE exam from October 2010 through the present, your passing results will show in your exam history. You will be automatically approved.
- If you took the FE exam prior to October 2010, you must request for your FE exam to be verified in your account. To accomplish this, look on the right side of your dashboard when you log in, where there will be a link to Exam Verification. Click on Request Verification at the top of the page and follow the steps to make the request to your state board where you took and passed the exam. Keep in mind that some state boards require ample time to process the verification, and plan accordingly.

Once both the NCEES Fundamentals Examination (FE) and the Principles & Practice Examination (PE) are passed, and you meet the board's requirements then applications for licensure may be submitted to the Board.

All WA PE exam applicants must attest to the following statements before they can proceed with registering for and scheduling an exam:

1. *I have passed the NCEES Fundamentals of Engineering examination;*
2. *I acknowledge and understand that passing this NCEES PE examination does not guarantee future licensure in any state or jurisdiction*.
3. *I understand that once I pass the NCEES PE exam, and have earned the necessary qualifying experience, I am required to apply directly to the WA PE Board to continue the initial licensure process by submitting the required application and fees, along with all documentation as required by the Board*.

BRPELS

BOARD OF REGISTRATION
FOR PROFESSIONAL ENGINEERS
& LAND SURVEYORS

Professional Engineer Registration Application

[redacted]

23201-APPLICATIONS

Apply for a Professional Engineer license in Washington.

Fees are non-refundable.

Online: **https://professions.dol.wa.gov**

Or by mail with a check or money order payable to BRPELS:

Professional Engineers and Land Surveyors
PO Box 3777
Seattle WA 98124-3777

For questions or help email engineers@brpels.wa.gov or call: (360) 664-1575

Application type *(check one)*

☐ by General Application (exam or initial license)**–$65**
☐ by Comity (if you have a current license in another state)**–$110**

Licenses are available for self-printing with an online account.
If you want us to print and mail your license add a $5 print fee for each copy to your payment.
☐ $0 self-print license online.
☐ $5 each. DOL print and mail license. Quantity_____ Total $_____

Applicant

TYPE or PRINT Name as you would like it to appear on your license		
Full legal name *(First, Middle, Last)*		
Social Security number* (or ITIN, Green Card, Canadian SIN)	Date of birth	
Military? *(check if applicable)* Current or former: ☐ Military member ☐ Military spouse or domestic partner		
Mailing address		
City	State	ZIP code
(Area code) Contact phone number	Email	
Branch of engineering		

*You are not required to have a Social Security Number (SSN) or Individual Taxpayer Identification Number (ITIN or TIN) to apply for or be issued a license. If you do not have an SSN or ITIN, leave that section blank. If you do have a SSN, ITIN or TIN, you are required by federal and state law to provide it on the application (42 U.S.C. 666(a)(13) and RCW 74.20A.320).

Legal background

Answer the following

Answer the questions below. If you answer "Yes," attach a detailed explanation.

1. Within the last 5 years, in this state or any other jurisdiction, have you had any action (fine, suspension, revocation, censure, surrender, etc.) taken against any professional or occupational license, certification, or permit held by you? ..... ☐ Yes ☐ No
2. Within the last 5 years, in this state or any other jurisdiction, have you defaulted, or been convicted of, or entered a plea of no contest to a gross misdemeanor or felony crime? (Don't include traffic convictions) ..... ☐ Yes ☐ No

(continued on next page)

Applicant name _____

Certification

Answer the following

1. Are you having a NCEES experience record sent? . . . . . ☐ Yes ☐ No
   If yes, please provide NCEES record number: _____
2. Do you authorize any business associates (past and present) and any governmental agencies (local, state, or federal) to release to BRPELS any information, files, or records which may be required for a background investigation? . . . . . ☐ Yes ☐ No
3. Do you understand that if you provide any false information in this application we may deny, suspend, or revoke your license to practice in Washington? . . . . . ☐ Yes ☐ No

Education

Name and location of colleges, universities, technical schools attended	Dates of attendance From To	Curriculum	Degree/ Date

Previous and current registration

Answer the following

☐ FE exam in state of_____ NCEES exam? ☐ Yes ☐ No
☐ PE exam in state of_____ NCEES exam? ☐ Yes ☐ No

- Go online to account.ncees.org and follow the instructions to request license/exam verification.
- If your state board is not listed on this site, contact them to request verification be sent to us.
- If you are requesting to waive the FE exam, please review WAC 196-12-010 for requirements.

Experience record summary

List all your employers beginning with the most recent. You must also include periods while unemployed, or non-engineering work. Attach additional sheets if necessary.

- For full time employment of 32 or more hours/week indicate "FT". For part time under 32 hours/week indicate "PT".
- If the work is not to be verified, indicate "No." Any experience not verified will not be counted toward the experience requirement.

	Time period *(begin with most recent)* From *(month-year)* To *(month-year)*	Employer	Full time or part time?	To be verified? *(yes or no)*
1				
2				
3				
4				
5				
6				
7				

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

TYPE or PRINT Name

X

Date and place

Applicant signature

Providing any false information in this application may be cause for denial, suspension, or revocation of your professional license in the state of Washington.