SYSTEMS ENGINEERING
COLORADO STATE UNIVERSITY

Systems Engineering Minimum Application Qualifications

The CSU Systems Engineering Department has four graduate certificates and five graduate degree plans from which a student may choose. The minimum application requirements listed below demonstrate the types of competencies that are generally required for success in our programs and the specific requirements of each program. Basic competencies can be learned through coursework or career path if there is adequate experience. *Please note that meeting the minimum program standards does not ensure admission to the program.*

Page 2 of this document contains instructions for applying to any of the four SE Certificates. If you are interested in a different program, please view our website to access the correct instructions.
https://www.engr.colostate.edu/se/getting-started/

✓ = required
★ = strongly recommended

Certificates				
	S.E. Practice	**Human Systems Integration**	**Systems Security**	**MBSE**
Four-year bachelor's degree from a regionally accredited institution	✓	✓	✓	✓
B.S. in engineering, mathematics, or a technical discipline with a GPA of at least 3.0	★	★	★	★
Calculus I course or statement explaining equivalent experience	★	★	★	★
Basic statistics course or statement explaining equivalent experience	★	✓		★
Basic programming course or equivalent experience			✓	

Degrees					
	M.E.	**M.S. Plan A (thesis)**	**M.S. Plan B (project)**	**Ph.D.**	**D.Eng.**
Four-year bachelor's degree from a regionally accredited institution	✓	✓	✓	✓	✓
B.S. in engineering, mathematics, or a technical discipline with a GPA of at least 3.0	✓	✓	✓	✓*	✓*
Calculus I course or statement explaining equivalent experience *(please note some course options within our degrees may have higher math prerequisites)*	✓	✓	✓	✓	✓
Basic statistics course or statement explaining equivalent experience	✓	✓	✓	✓	✓
Secure a faculty advisor prior to completing application		✓		✓	
Minimum 5-8 years' professional experience as, "Systems Engineer," "Engineer," "Scientist," or equivalent					✓
Provide additional information on the proposed practicum topic and sponsor					✓

* If applying for a doctorate program and your B.S. is not in engineering, an M.E. or M.S. in engineering is *strongly recommended*

Systems Engineering Certificates

Detailed Application Checklist

Please use the following checklist to be certain you have included everything in your application.

Deadlines: Your application should be submitted and *everything should be received* by
July 1 for fall semester admission or
November 1 for spring semester admission
It is strongly encouraged that you work well ahead of these deadlines; they are not flexible.

STEP 1: BEGIN YOUR ONLINE APPLICATION (http://gradadmissions.colostate.edu/apply)

You will create an account and can re-visit the application at any time to continue where you last left off.

- When choosing a program, if you want to do it Online, select the "Distance" option

STEP 2: SUBMIT ALL REQUIRED APPLICATION MATERIALS

☐ **Current resumé or CV**, submitted through the online application

☐ **One official transcript from every post-secondary institution attended**, even those from which you did not earn a degree (transcripts from CSU are not required). *Uploading transcripts to the application system does not fulfill this requirement; official transcripts must come directly from your previous institution.*

To submit official transcripts, contact your previous institutions to request they submit official transcripts to "Colorado State University – Fort Collins" (institution code 4075, select 'Graduate' if available). If a mailing address or email address is required, use those shown below.

Please note: While our *degree programs* allow unofficial transcripts to apply, all *certificate* applications will not move forward for review until official transcripts have been received.

☐ **English proficiency scores**: required for students who do not have a degree from an institution where the primary language of instruction is English and/or international students whose country of origin does not have a primary official language of English. Click here for more information about requirements and exemptions.

Addresses to Which All Official Documentation May be Submitted:	
Physical mailing address	Graduate Admissions Colorado State University – Office of Admissions 1062 Campus Delivery Fort Collins, CO 80523-1062
Email address	gradadmissions@colostate.edu ***Emailed transcripts are not accepted as 'official'*** *unless sent through Parchment, eScript-Safe, or another 3rd party verified e-delivery service*

STEP 4: SUBMIT YOUR ONLINE APPLICATION

☐ **Pay the non-refundable Graduate School Application fee** (only payable after application is submitted)

STEP 5: CHECK THE STATUS OF YOUR APPLICATION TO ENSURE YOU MEET YOUR DEADLINE

Please visit http://gradadmissions.colostate.edu/apply/status at any time to check that your application checklist is complete. The Systems Engineering Department will not provide updates on materials you are still missing.

You are responsible for ensuring all materials are received by the deadline. Questions regarding the application process and/or program may be directed to sys_engr_info@engr.colostate.edu.