

INCOSE Certification Program

April 8, 2021



Introduction

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Why get an INCOSE certification?

- You are working as a systems engineer?
 - Experience – Work in your chosen field
 - Education – Go to school
 - Mentorship – Learn from good people
 - Involvement – Join industry organization, attend seminars/conferences
 - Performance – Do great work and stand out
- **Now, become certified.**
 - **Formal recognition of your talents and expertise**
 - **Increased respect from peers and companies**
 - **Exclusive access to special INCOSE events**
 - **Certificate to display**
 - **Lapel pin to wear**

INCOSE Certification Program

Multi-Level Base Credentials

The Base ASEP, CSEP, and ESEP credentials cover the breadth of systems engineering at increasing levels of leadership, accomplishments and experience.




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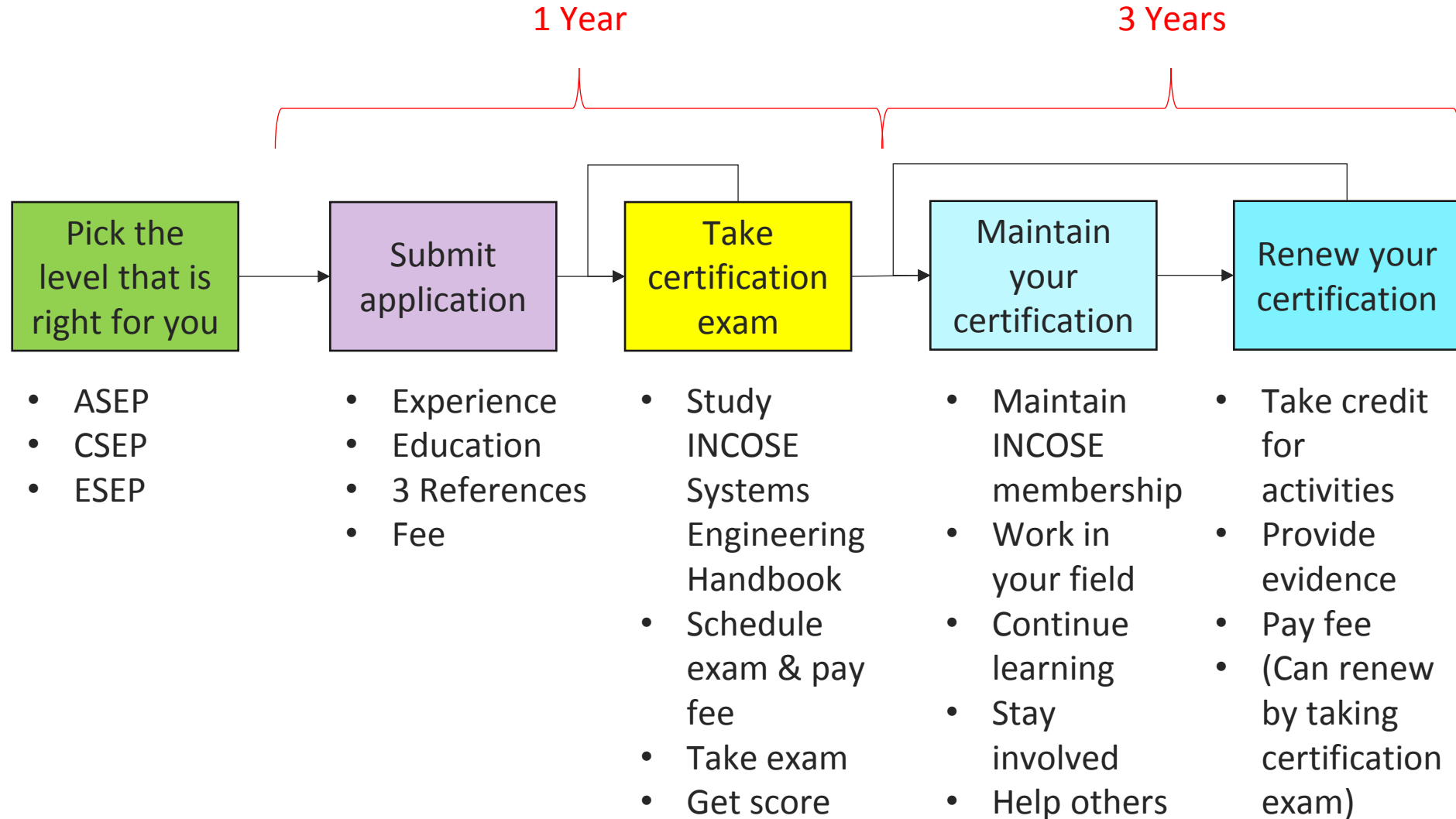
Vincent Johnston

Which certification is right for you?*

Level	Leadership	Experience	Education	References	Exam
	None Required	None Required	None Required	None Required	Same Exam as CSEP
	None Required	Minimum 5 years SE experience (see SEfunction area list below)	Technical Degree (can be augmented with additional years of experience without a technical degree)	3 references (cumulative coverage of the years of experience)	CSEP exam based on INCOSE SE Handbook
	Accomplished and recognized leader in systems engineering	Minimum 25 years (20 if CSEP) SE experience (see SEfunction area list below) Minimum 5 years of professional development credit	Technical Degree (can be augmented with additional years of experience without a technical degree)	3 references (cumulative coverage of at least the most recent 10 years of experience) Support panel review, if required	No examination, panel review

*INCOSE Membership is required.

The Process



Systems Engineering Professional (SEP) Exam

- Source material is INCOSE Systems Engineering Handbook
- Closed book (Scratch paper allowed—must turn in)
- 2 Hours
- 120 Questions
- Multiple choice
 - Most have one answer
 - 40% have more than one answer (e.g., select 2, select 3)
 - No partial credit
- **Proctoring**
 - **Computer Version:** Online proctoring from a location of your choice
 - **Paper Version:** Hosted by an approved proctor, such as an ESEP
 - **Prometrics Testing Center:** INCOSE ceased offering on March 31, 2021.

Systems Engineering Professional (SEP) Exam

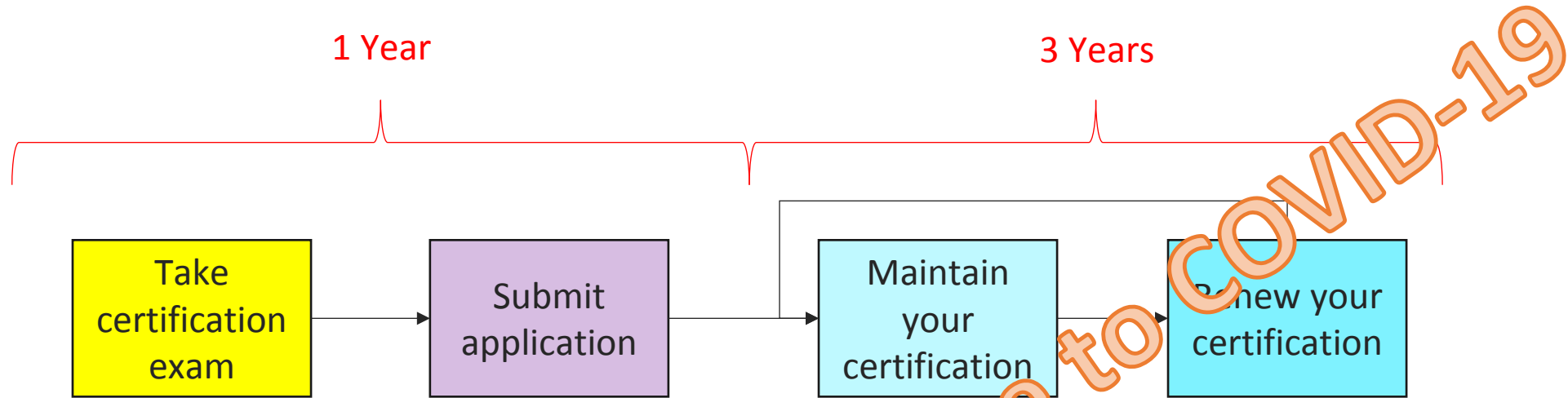
Training is available.



Study groups can be arranged.

INCOSE Wasatch Chapter will support you.

An Alternate Process – SEP Beta Exam



- Beta version
- Paper-based
- Receive score a few weeks later
- **NO FEE!**

- Still must pay application fee

Postponed due to COVID-19

Remaining Certified

Certification Level	Renewal Requirements
ASEP	120 PDU Every Five (5) Years Must maintain INCOSE individual, senior, or student membership and transition to CSEP within 15 years
CSEP	120 PDU Every Three (3) Years Must maintain INCOSE individual, senior, or student membership if certified after 31 December 2015
ESEP	No renewal required, but must maintain INCOSE individual, senior, or student membership

PDU = Professional Development Unit

Example

- Serve as lead systems engineer (15 PDUs / yr * 3 yrs) = 45 PDUs
- Be an INCOSE member (5 PDUs / yr * 3 yrs) = 15 PDUs
- Attend INCOSE meetings (1 PDU/hr * 12 mtgs * 3 yrs) = 30 PDUs (maximum allowed)
- Volunteer activities (1 PDU/hr * 10 hr/yr * 3 yrs) = 30 PDUs
- **120 Total PDUs!**



INCOSE Systems Engineering Professional PDU Credit

For more information about INCOSE certification renewal, including PDU categories and limits:

<http://www.incose.org/certification/CertProcess/CertRenew>

You can claim 1 PDU credit towards your INCOSE Systems Engineering Professional (SEP) renewal by attending this entire webinar.

Claim PDUs



Eligible Categories To Claim PDUs

- Live attendance at a chapter event: "Attend non-peer-reviewed Professional Technical Society event."
- Watching a recording of an INCOSE event: "Consume SE-related media, including journal article, book, video, or audio."

INCOSE webinars may also apply to the PDU requirements of other organizations, depending on the subject matter.

Claim PDUs for Other certifications



How much does certification cost?

	Certification Name	Application Fee	Examination Fee	Renewal Fee (and Period)
Associate Systems Engineering Professional	ASEP	150 USD Through 31 July 2021 180 USD Starting 1 August 2021	<u>Computer Exam</u> US: 80 USD Japan: 165 USD Other countries: 120 USD <u>Paper Exam</u> Fee varies	100 USD (every 5 years)
Transition	ASEP to CSEP	200 USD	no exam required	n/a
Certified Systems Engineering Professional	CSEP	300 USD Through 31 July 2021 350 USD Starting 1 August 2021	<u>Computer Exam</u> US: 80 USD Japan: 165 USD Other countries: 120 USD <u>Paper Exam</u> Fee varies	150 USD non-members* 100 USD INCOSE members 100 USD CAB Employees (if certified prior to 1 January 2016) (every 3 years)
Expert Systems Engineering Professional	ESEP	550 USD Through 31 July 2021 630 USD Starting 1 August 2021	No exam required	No renewal required
Extensions	Acq	Not available	Not available	50 USD non-members 25 USD INCOSE members (renews with SEP) Please contact certification@incose.org for renewal.

Additional Resources

- INCOSE Website: www.incose.org
- INCOSE Wasatch Chapter Website: www.incose.org/wasatch
- INCOSE Certification Website: <http://www.incose.org/certification>