



Radiation Safety

Admissions Information

Application Materials

Students wanting to apply for a degree seeking program at the College of Eastern Idaho (CEI) must submit all of the following application materials for review. Admissions counselors will evaluate the application documents to ensure everything has been completed correctly.

- Application for admission
- High School or GED Transcripts, must be official copies
- Official Transcripts from all post-secondary institutions attended
- Math and English placement

Placement Scores

Students at CEI must have current placement into our basic math and English classes. If you need to take the ALEKS or Gain exams in order to prove placement you can schedule a time with our Testing Center by calling 208-535-5438.

Common tests and placement scores that we require are as follows:

Placement Test	English Score	Math Score
ACT	18 or higher	19 or higher
SAT	500 or higher	510 or higher
ALEKS Math	-	30 or higher
Gain	747 or higher	-

Transfer Credits

If you have attended any other college or universities you will need to send your official transcripts to CEI. It's possible for previously completed courses to transfer in to fulfill specific degree requirements. Please note the following guidelines from transfer course work to CEI:

- All transfer classes must have a final grade of a C or higher
- Only classes required for your program will be transferred in
- Some classes (like math and biology) can expire after 5 years

An admissions advisor can do an unofficial review of your transfer credits. The official evaluation is done after the admissions process is completed and will be available to the student at their New Student Orientation.

Student Orientation, Advising, and Registration (SOAR)

After you have received an acceptance letter into the college you will be required to attend a Student Orientation, Advising, and Registration. You will be able to enroll in classes during this event and it is the last step in the admissions process.

Financial Aid

This program is financial aid eligible. Our school code is: 0011133. If you are planning on applying for financial aid and have any questions please contact our Financial Aid office in room # 348 or call 208-535-5374

Rad Tech Program Information

The Radiation Safety (Rad Tech) program at CEI offers an Intermediate Technical Certificate (ITC) that is 3 semesters and 38 credits. The third semester is completed in their summer term where students must participate in an internship.

When students are accepted into the Rad Tech program they will be placed into a cohort for the fall semester.

Program Overview

The Radiation Safety program teaches entry-level skills required for employment in the nuclear industry. Students will learn how to apply radiation safety fundamentals and work safety to protect self and others and communicate effectively through listening, speaking, and writing. Additionally, students will understand how to handle and conduct a variety of monitoring, sampling, analytical equipment, surveying, and evaluating to identify potential occupational health hazards caused by radiation exposure.

Students in the Rad Tech program can expect to spend time in the classroom learning radiation principles and nuclear systems and in the lab learning hands-on radiation safety procedures. During the summer semester, students will participate in an internship gaining practical, hands-on supervised work experience at the Idaho National Laboratories (INL) and/or other appropriate facilities.

Graduates of the Radiation Safety program will possess the skills, knowledge, and field-based training necessary to gain employment as entry-level technicians. There are a variety of facilities where graduates work such as US nuclear commercial power plants, US Department of Labors, mixed waste facilities, nuclear contractors, environmental treatment companies, and private companies in the oil and gas industry. It is important to note that technicians working in this field may be required to possess certain motor functions (bending, stooping, twisting, lifting, etc.) and function in a variety of work conditions (high noises, confined spaces, heat and cold stress, UV exposure, hazardous chemical/waste, etc.). Throughout the Rad Tech program, students should gain a thorough understanding of job responsibilities and how to be a successful professional in the field of radiation safety.

Program Requirements

- In order for students to be accepted into the Radiation Safety program they must complete the CEI application process (see page 1).
- Students must have placement to start the program in **Math 108 Intermediate Algebra** (ALEKS ≥ 30) or have already completed the course within the last 5 years.
- Once in the program, students must pass their program specific courses with a minimum grade of C (75%) or higher and must be passed consecutively before continuing on to the next course.
- Students will need to pass a **criminal background check** in order to receive security clearance for internships.
 - If you have concerns about your record, please contact student affairs or the instructor.
- Students will be subject to **drug and alcohol screening**.
- Certain prescription medications may not be allowed to be taken during the work day, for more information please speak with the instructor.
- All males must be registered for **Selective Service** in order to take part in their internship at the INL.
 - For more information contact John Detwiler (contact info on page 3).

Competitive Program

The Radiation Safety program is competitive. There are 16 seats available each Fall semester. Students will be put on our waitlist in the order we receive their application materials. In order to increase your chances of entering the program early you must submit your application, transcripts, and test scores to CEI as soon as possible. If a student is not accepted into the program for the fall they will remain on the waitlist until they are accepted.

Field Expectations

Positions in the field of Radiation Safety require employees to be very active. There are many aspects of the job that have employees working heights, confined spaces, climbing ladders, and being on their feet a lot. According to O*Net Online, the typical work context for a nuclear monitoring technician (common position in the field) may include being exposed to radiation, spending time standing, working in very hot or cold temperatures, and being exposed to very high or very cramped spaces. Additionally, these positions expect a high level of responsibility. Employees will be responsible for decisions, outcomes, and results, as well as others' health and safety. Employees must be exact or accurate and there will be consequences for error.

It is important for students who are considering this field to be aware of what the job expectations are. For more information about specific work expectations please visit O*Net Online and search Nuclear Monitoring Technicians or any specific occupation you are considering.

<https://www.onetonline.org/>

Message from the Faculty

- “It is important for students to know about the environments they may be required to work in.”
 - “You might be required to work in extreme weather/conditions.”
- “Be aware that criminal offences may impede your ability to get an internship and work in the field.”

Message from the students

- “You will learn a lot of information really quickly.”
- “Do your research on the profession, it is not Radiology.”
- “The professor is really engaging and makes learning easier.”

Contacting Admissions

If you have any questions about the Radiation Safety program, or the application process we would be happy to go over it with you.

To schedule an appointment

Student Affairs
Room #311
Phone: 208-535-3000

Admissions Counselor

Courtney Richert
Phone: 208-535-5610
Email: Courtney.Richert@cei.edu

Rad Tech Specific Questions

John Detwiler
Phone: 208-535-5445
Email: John.Detwiler@cei.edu

Program Cost

Costs are subject to change.

Intermediate Technical Certificate

A fee covering the certification exams will be assessed in the semester in which they are taken.

Rad Tech. AAS Tuition		Rad Tech. AAS Books and Fees		Totals	
Semester 1	\$2,193.00	Semester 1	\$475.00	Tuition	\$4,902.00
Semester 2	\$1,935.00	Semester 2	\$475.00	Books	\$950.00
Semester 3	\$774.00	Semester 3	\$0.00	Lab Fee	\$25.00
	\$4,902.00	Lab Fee	\$25.00		\$5,877.00
			\$975.00		

Program Course List

***Bold** indicates it is a general education course and can be taken during any semester.*

Radiation Safety Intermediate Technical Certificate 37 Credits / Financial Aid Eligible

Fall Semester 1

Course	Course Name	Credits
RDS 121	Radiation Protection Principles I (1 st 8 Weeks)	5
RDS 121L	Radiation Safety Lab I (1 st 8 Weeks)	1
RDS 122	Radiation Protection Principles II (2 nd 8 Weeks)	5
RDS 122L	Radiation Protection Principles Lab II (2 nd 8 Weeks)	1
ENGL 101	Writing and Rhetoric I	3

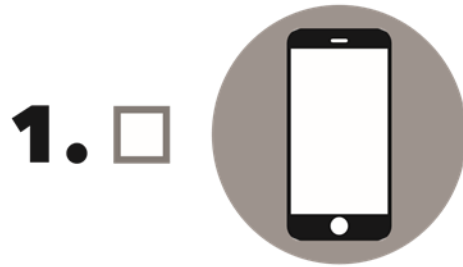
Spring Semester 2

Course	Course Name	Credits
ESH 102	40-Hour OSHA HAZWOPER Training	1
RDS 123	Radiation Protection Principles III (1 st 8 Weeks)	5
RDS 123L	Radiation Safety Lab III (1 st 8 Weeks)	1
RDS 124	Radiation Protection Principles IIII (2 nd 8 Weeks)	5
RDS 124L	Radiation Safety Lab IIII (2 nd 8 Weeks)	1
<i>Choose one of the following:</i>		
PSYC 101	Introduction to Psychology	3
SOC 101	Introduction to Sociology	3

Summer Semester 3

Course	Course Name	Credits
RDS 111	Supervised Work Experience	6

APPLY TO College of Eastern Idaho **IN 4 STEPS!**



Fill Out the Application

Apply online at cei.edu



Give Us Your Transcripts

Have your high school or school district office email your Official Transcripts to admissions@cei.edu

OR request your GED from diplomasender.com

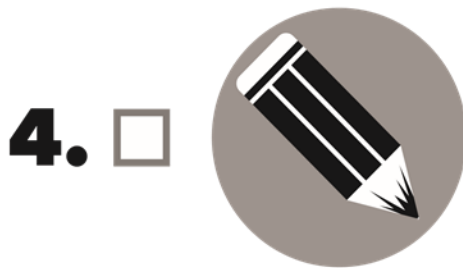


Have You Gone to Other Colleges?

Contact each college or university you have attended and request all Official Transcripts be sent to CEI

Email: admissions@cei.edu

Fax: **208.525.5026**, Att. Sandy Bland



Submit English & Math Placement Scores

ACT/SAT scores within the last five years,
OR a placement test at CEI

Call the Testing Center: 208.535.5438 *Refer to catalog for acceptable placement options and program-specific requirements.*



Apply for Scholarships & Financial Aid

Apply yearly!

The CEI Scholarship deadline for the 2019-2020 year ends on February 8th, 2019. ceigiving.org/scholarship

Federal Student Aid resets each year. You can apply for grants and low-interest loans. fafsa.ed.gov