



WHAT IS SISTEM?

SISTEM IS A SERIES OF TALKS AND HANDS-ON ACTIVITIES THAT WILL ALLOW HIGH SCHOOL STUDENTS TO LEARN MORE ABOUT VARIOUS STEM CAREERS AND RESEARCH.

WHEN?



SISTEM WITH A BACHELOR'S DEGREE EMPHASIS WILL RUN ON:

| | |
|--------------------------|-------------------|
| WEDNESDAY, FEBRUARY 24TH | 5:30 PM - 7:15 PM |
| WEDNESDAY, MARCH 3RD | 5:30 PM - 7:15 PM |
| WEDNESDAY, MARCH 10TH | 5:30 PM - 7:15 PM |
| WEDNESDAY, MARCH 17TH | 5:30 PM - 7:15 PM |
| WEDNESDAY, MARCH 24TH | 5:30 PM - 7:15 PM |

SISTEM WITH AN ASSOCIATE DEGREE EMPHASIS WILL RUN ON:

| | |
|-----------------------|-------------------|
| WEDNESDAY, APRIL 7TH | 5:30 PM - 7:15 PM |
| WEDNESDAY, APRIL 14TH | 5:30 PM - 7:15 PM |
| WEDNESDAY, APRIL 21ST | 5:30 PM - 7:15 PM |
| WEDNESDAY, APRIL 28TH | 5:30 PM - 7:15 PM |
| WEDNESDAY, MAY 5TH | 5:30 PM - 7:15 PM |



WHERE?

SISTEM WILL BE HELD ONLINE THROUGH ZOOM. STUDENTS SHOULD BE COMMITTED TO ATTENDING ALL SESSIONS.

WHO ARE THE SPEAKERS?



THE SPEAKERS FOR EACH SEMINAR SERIES WILL BE ANNOUNCED TO PARTICIPANTS VIA EMAIL UPON THEIR ACCEPTANCE TO THE PROGRAM.

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Innovative research to achieve water efficient and environmentally friendly solar power

UNLV
HOWARD R. HUGHES
COLLEGE OF
ENGINEERING

SISTEM SPRING 2021

STUDENT INTERACTIONS
WITH SCIENCE,
TECHNOLOGY, ENGINEERING
AND MATHEMATICS



THE ONLINE VERSION

STEM CAREER
EDUCATION SERIES
FOR HIGH SCHOOL
STUDENTS IN
SOUTHERN NEVADA

FREQUENTLY ASKED QUESTIONS

WHAT IS STEM?

A: STEM IS AN ACRONYM THAT STANDS FOR SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS.

IS THERE A FEE IN ORDER TO PARTICIPATE IN THE SISTEM PROGRAM?

A: NO, THERE IS NO FEE. THE PROGRAM IS SUPPORTED BY MISSION SUPPORT TEST SERVICES.

WHEN IS THE DEADLINE TO APPLY?

A: THE DEADLINE TO APPLY FOR SISTEM WITH AN EMPHASIS ON BACHELOR'S DEGREES IS FEBRUARY 15TH, 2021. STUDENTS WILL BE NOTIFIED OF THE APPLICATION DECISION FEBRUARY 18TH, 2021.

THE DEADLINE TO APPLY FOR SISTEM WITH AN EMPHASIS IN ASSOCIATE DEGREES IS MARCH 22ND, 2021. STUDENTS WILL BE NOTIFIED OF THE APPLICATION DECISION MARCH 29TH, 2021.

AM I REQUIRED TO ATTEND EACH OF THE SESSIONS OF THE SISTEM PROGRAM?

A: STUDENTS MUST ATTEND ALL FIVE SESSIONS TO RECEIVE THE CERTIFICATE OF COMPLETION.

WHERE WILL SISTEM TAKE PLACE THIS YEAR?

A: DUE TO COVID-19, THE SPRING 2021 PROGRAMS WILL BE HELD ONLINE USING ZOOM.

POTENTIAL TOPICS FOR BACHELOR'S DEGREE EMPHASIS

MECHANICAL ENGINEERING

CHEMISTRY

BIOLOGY

AEROSPACE

ENTERTAINMENT ENGINEERING

MATHEMATICS

CIVIL ENGINEERING

COMPUTER SCIENCE

AND MORE!

POTENTIAL TOPICS FOR ASSOCIATE DEGREE EMPHASIS

AUTOMOTIVE TECHNOLOGY

AVIATION TECHNOLOGY

COMPUTER AIDED DESIGN AND DRAFTING

COMPUTING & INFORMATION TECHNOLOGY

ELECTRONICS & OPTICS

ENGINEERING TECHNOLOGY

HVAC TECHNOLOGY

MACHINIST / MANUFACTURING TECHNOLOGY

SURVEYING

WATER/WASTEWATER TREATMENT

WELDING TECHNOLOGY

THE BENEFITS

SISTEM IS A FANTASTIC OPPORTUNITY TO LEARN ABOUT CAREERS IN STEM, MAKE CONNECTIONS WITH FELLOW HIGH SCHOOL STUDENTS, AND ADD A GREAT PROGRAM TO YOUR ACADEMIC RESUME. ALL OF THIS AND YOU'LL BE ABLE TO EARN RAFFLE TICKETS FOR JUST BEING A PART OF THIS AMAZING PROGRAM. EVERY TIME THE STUDENT ATTENDS A SESSION, THEIR NAME WILL BE PUT INTO A DRAWING FOR A PRIZE THAT WILL BE GIVEN OUT AT THE END OF THE PROGRAM.

STUDENTS WHO ARE SUCCESSFUL IN ATTENDING EVERY SESSION WILL RECEIVE A CERTIFICATE OF COMPLETION.

HOW TO APPLY

FOR MORE INFORMATION, AND TO APPLY, PLEASE GO TO [HTTPS://SOLARNEXUS.EPSCORSPO.NEVADA.EDU/SISTEM/](https://solarnexus.epscorspo.nevada.edu/sistem/)

FOR QUESTIONS, PLEASE CONTACT THE SISTEM PROGRAM MANAGER RANDY MORENO (PH: 702-482-0093) EMAIL: SISTEM@UNLV.EDU