



## PATHWAY BENEFITS

- + Built-in academic support systems
- + Preparation for college & career entry
- + College application support
- + Connect with industry professionals
- + Industry internships & job shadowing
- + Industry recognized certifications
- + Preparation for job interviews
- + Earn college credit while in the pathway
- + Professional industry guest speakers
- + Real-world, hands-on industry training
- + Earn a Graduation Sash upon completion of the Pathway

# CONTACT

## INSTRUCTOR

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## PROGRAM SPECIALIST

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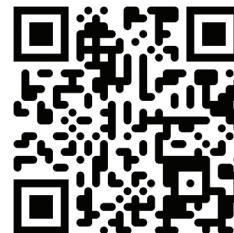
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**JOINING A PATHWAY IS  
AN INVESTMENT  
INTO YOUR FUTURE!**

**SCAN THE QR  
CODE FOR  
MORE INFO!**



INDIAN SPRINGS HIGH SCHOOL

650 N DEL ROSA DR. SAN BERNARDINO, CA 92410







# MACHINING

This is the pathway for you if you...

- + Like working with your hands
- + Have an interest in making parts
- + Enjoy technology and robotics
- + Are interested in working with Machines

WHERE THE MAGIC HAPPENS...  
AND CAREERS BEGIN!



## COURSE SEQUENCE



1

### INTRO TO MACHINING

Students will be introduced to the high-tech manufacturing industry, with a focus on OSHA safety, conventional machines, machining processes & maintenance.

Students will be able to create basic blueprints using industry computer software (SolidWorks) & 3D printing.



2

### ADVANCED MACHINING 1

Students will learn how to use CNC machines, programming, SolidWorks CAD, 3D printing and laser machines which will provide them with an opportunity for future employment as well as college readiness.



3

### ADVANCED MACHINING 2

Students will be able to apply basic concepts required in CNC programming and putting them into the CNC mill and lathe.

Students can make actual parts and perform basic milling or turning commands for motion of the tool path along the coordinate axis.

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#### The Machining Pathway

is one of the best pathways in the district! It is taught by an amazing instructor who has real-world industry experience.

The machining lab is brand new with state of the art machinery that is current and up to date with today's Industry standards! It is an incredible opportunity for ISHS students!

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