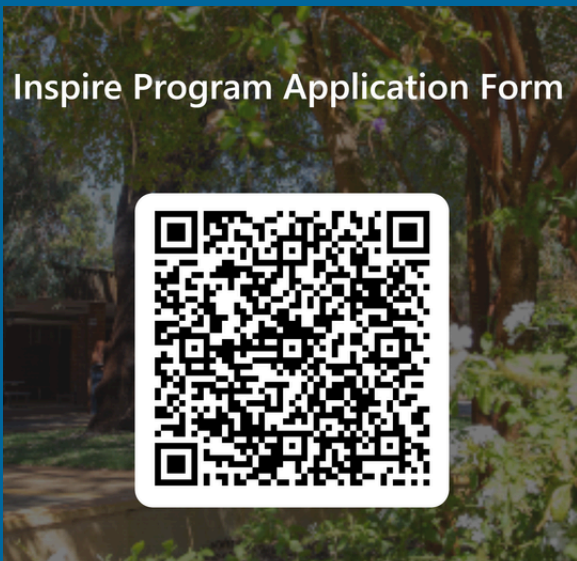


## How to apply

- 1 Register your interest using the QR code.**
- 2 Complete the enrolment form**  
If your child has not enrolled for 2027, you can request the enrolment paperwork via the QR code
- 3 Receive your Offer Letter**  
Start your journey with Southern River College



## Our Team



**Sarah Lucanus**  
HoLA - Technologies



**John Townley**  
STEM Teacher



**Beau Logue**  
STEM Teacher

### Contacts



[southernrivercollege@education.wa.edu.au](mailto:southernrivercollege@education.wa.edu.au)



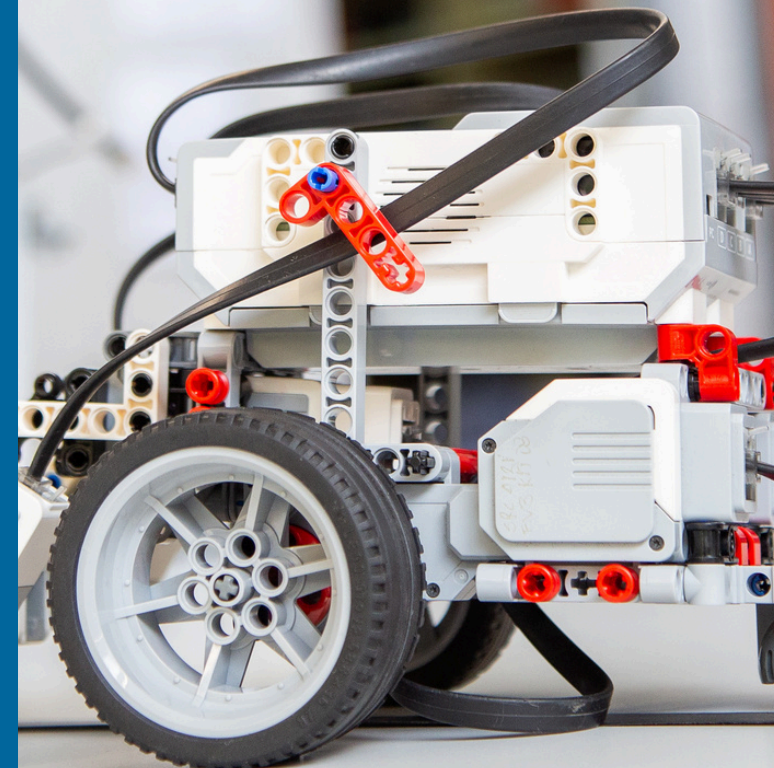
[www.southernrivercollege.wa.edu.au](http://www.southernrivercollege.wa.edu.au)



08 9391 6500

# MECHATRONICS

# STEM PATHWAY

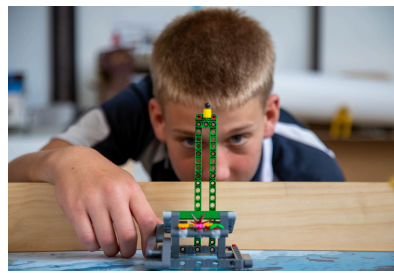


# Where Knowledge **FLOWS**.

## What is STEM?

The Mechatronics Stem Pathway at Southern River College is about developing student's creativity and thinking by:

	Action Learning Programs (learning by project management and entrepreneurship)
	Involving girls and boys to prepare for potential future careers
	Authentic Projects involving students in everyday problems and discovering workable solutions
	Projects designed to stimulate interest and enquiry
	Promoting student engagement with industry, academic and community role models
	Complex, challenging and integrated to promote critical, creative and computational thinking to achieve problem solving at the highest order.



# Mechatronics STEM Pathway

- 7 Robotics
- 8 Electronics
- 9 Mechatronics
- 10 Creative Engineering
- 11 & 12 Engineering Studies (Mechatronics)

## ROBOTICS CLUB



Further develop your mechatronics skills and knowledge by joining the Robotics Club and participating in competitions.

## Future Ready Skills Developed

 <p><b>CRITICAL THINKING</b></p> <p><b>SOLVING PROBLEMS</b></p> <p>Looking at problems in a new way, linking learning across subjects and disciplines</p>	 <p><b>COMMUNICATION</b></p> <p><b>CONVEYING IDEAS</b></p> <p>Sharing thoughts, questions, ideas and solutions</p>
 <p><b>CULTURE</b></p> <p><b>EXPLORING WHO WE ARE</b></p> <p>Valuing our own cultures, languages and beliefs, and those of others</p>	 <p><b>CREATIVITY</b></p> <p><b>THINKING OUTSIDE THE BOX</b></p> <p>Trying new approaches to get things done equals innovation and invention</p>
 <p><b>COLLABORATION</b></p> <p><b>WORKING WITH OTHERS</b></p> <p>Working together to reach a goal - putting talent, expertise and smarts to work</p>	