



**Southern River
College**

Mechatronics STEM Pathway



Our Vision

A shared sense of belonging where everyone is inspired and empowered to reach their full potential.



Contacts



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STUDENT DETAILS

Student First Name:

Student Surname:

Phone:

Gender:

Male

Female

Parent Name:

Address:

Current School:

Mobile:

Date of Birth:






EXPRESSION OF INTEREST

Interested in this pathway? The first stage of our pathways process is to complete this Expression of Interest form and return it to Southern River College.

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



COLLABORATION

WORKING WITH OTHERS

Working together to reach a goal - putting talent, expertise and smarts to work



COMMUNICATION

CONVEYING IDEAS

Sharing thoughts, questions, ideas and solutions



CRITICAL THINKING

SOLVING PROBLEMS

Looking at problems in a new way, linking learning across subjects and disciplines



CULTURE

EXPLORING WHO WE ARE

Valuing our own cultures, languages and beliefs, and those of others



CREATIVITY

THINKING OUTSIDE THE BOX

Trying new approaches to get things done equals innovation and invention