TEACHER - Digital and Design Technologies
Position Description

POSITION:	Teacher - Digital and Design Technologies
DEPARTMENT:	Technologies
RESPONSIBLE TO:	Principal
REPORTS TO:	Director of Academics Secondary
COMMENCEMENT:	Term 2, 2020

Sheldon College is an independent, co-educational, non-denominational College situated in Redland City, catering for students from 15 months of age through to Year 12. Our mission is "to provide a quality educational experience in an environment that encourages and enables our students to succeed in a constantly changing world".

We provide a first-class curriculum in the academic, sporting and cultural arenas, and have access to state-of-the art classrooms, laboratories, resource centres and studios, as well as cultural, performing arts and sporting facilities. This ensures we deliver on our commitment to provide outstanding education in a safe, secure learning environment, underpinned by our philosophy of Love, Laughter and Learning.

The unique structure of our College supports an energetic, dynamic learning environment, rich in love and laughter. We strive to deliver exciting, challenging and rewarding experiences to our students on a daily basis that engages their passionate and inquiring minds. This enables us to create the foundation for lifelong learning and to position our students to take advantage of all that the world has to offer.

Our teachers are our most valuable investment. Every member of our academic staff plays a key role in delivering excellence in education through commitment to our College Values:

- Student success
- Excellence in teaching and learning
- A safe, orderly and supportive learning environment
- Collaborative home, College and community partnerships
- Shared decision making
- Recognition and reward
- Service orientation
- Continuous improvement
- High standards in dress, appearance, behaviour and work habits
- Support for individual needs – intellectual, emotional, social, spiritual and physical.

POSITION OVERVIEW

An exciting opportunity has arisen for a full time P – 10 Digital and Design Technologies Teacher who inspires and nurtures the creative potential of each student in a collaborative, creative and innovative school culture. You will be responsible for delivering a cutting-edge curriculum at Sheldon College and have the ability to teach the ACARA Technologies curriculum across a variety of year levels. Experience in Senior Digital Solutions and Design would be advantageous.

You will be required to infuse innovative design thinking and real-world problem solving into teaching and learning programs. Working with teams of dedicated educators, your goal will be to enhance the capabilities of students and staff alike relating to Digital and Design Technologies.

POSITION REQUIREMENTS
- Programming including language such as Python, C# and Arduino,
- Robotics including LEGO EV3 and non-Lego based products
- 3D Printing and Laser Cutting (Adobe products)
- Experience and involvement in Robotics Competition
- Ability to teach the ACARA Technologies curriculum both Digital and Design
- A proven ability in project design, implementation and management
- Extensive knowledge of how digital and design tools can be utilised to increase and improve students' engagement in learning
- Ability to inspire and encourage innovation and excellence with ICT Integration systems and technologies
- Strong team orientation and proven ability to work in collaborative team environment
- Demonstrated ability to introduce creative, innovative and effective solutions and drive continuous improvement
- Demonstrated capacity to apply analytical and problem-solving skills to non-routine activities
- Hold relevant teaching qualifications majoring in Information Technology or Technologies
- Registration with the Queensland College of Teachers

DESIRABLE SKILLS
- Physical computing including Arduino and Raspberry Pi
- Industry related experience
- Ability to support our Robotics competitions both at a national and International level
- Experience in developing the design thinking process into curriculum programs using real world applications of technologies
- Experience with the development of interactive learning cluster spaces and curriculum programs

GENERAL TEACHER DUTIES AND RESPONSIBILITIES

- Plan, prepare and deliver exceptional teaching and learning programs for students which:
    - are consistent with relevant syllabus documents, curriculum policies, work programs and educational trends,
    - address the needs of the learner and differentiate learning experiences, and
    - ensure students meet the highest levels of academic performance.
- Deliver project-based learning opportunities for student collaboration across multiple curriculum areas.
- Maintain teaching competency and currency of knowledge of teaching practices to improve student achievement, with a focus on literacy and numeracy, as well as general educational trends.
- Support students through the active development of a safe, secure learning environment.
- Provide for the physical, social, cultural and emotional wellbeing and physical safety of students whilst at school.
- Maintain high standards of dress and appearance, actively promote the College's Values and adhere to the College's Staff Code of Conduct, Duty of Care Handbook, workplace health and safety requirements, as well as all other policies, procedures and guidelines.
- Establish and maintain effective relationships between the College and community.
- Participate in faculty meetings, school decision making processes and professional development activities as required.
- Any other duties, as required.