



DIGITAL AND DESIGN TECHNOLOGIES TEACHER POSITION DESCRIPTION

POSITION:	Digital and Design Technologies Teacher
DEPARTMENT:	Academic
RESPONSIBLE TO:	Principal
REPORTS TO:	Head of Faculty (Business and Technology) Head of Digital Pedagogy and Innovation
COMMENCEMENT:	Term 1, 2019

ABOUT SHELDON COLLEGE

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 with 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.

POSITION OVERVIEW

We are seeking an inspiring P – 12 Digital and Design Technologies Teacher for full-time employment commencing Term 1, 2019. The successful candidate will inspire and nurture the creative potential of each student in a collaborative, creative and innovative College culture. You will be responsible for delivering a cutting-edge technologies curriculum and must have the ability to teach the ACARA Technologies Curriculum and the new Senior QLD Digital Solutions Syllabus.



You will infuse innovative design thinking and real-world problem solving into all 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.

ESSENTIAL REQUIREMENTS AND DUTIES:

- Current Queensland Teacher Registration;
- Qualifications relevant to the fields of Digital and Design Technologies;
- An innovator in the field of Digital and Design Technologies pedagogy;
- Ability to inspire and implement technology curriculum innovation by demonstrating a thorough knowledge of contemporary pedagogy teaching practices;
- Implementation of highly effective Digital and Design Technologies learning programs (ACARA Technologies curriculum P – 10 / Information Processing and Technology);
- Experience in writing curriculum programs to meet the new Senior Digital Solutions Syllabus;
- Extensive knowledge and implementation of Digital and Design Technologies that foster students' engagement in innovative learning skills and processes;
- Undertake accurate and thorough marking and delivery of assessment within established procedures and timeframes;
- Experience in designing, implementing and managing STEAM / Makerspace Projects, associated communications and professional development training required to create skilled and confident students and staff;
- Team orientation and proven ability to work in a collaborative team environment;
- Demonstrated ability to drive continuous improvement with a commitment to academic excellence;



ESSENTIAL DIGITAL AND DESIGN SKILLS:

- Experience in programming languages such as Python, C# and Arduino;
- Development Skills and Processes in the following:
 - Web Development,
 - Unity Development,
 - App Development and
 - Database Design;
- Physical computing including but not limited to Arduino and Raspberry Pi;
- Robotics Platforms such as LEGO EV3 and We-Do Robotics;
- 3D Printing and Laser Cutting (Adobe Illustrator and/or Blender);
- A proven ability in project design, implementation and management.

DESIRABLE EXPERIENCE:

- Industry related skillsets in the fields of Digital and Design Technologies;
- Co-curricular leadership and involvement in Robotics Competitions at national and international levels, not limited to:
 - RoboCup Junior,
 - RoboCup Soccer,
 - Lego League.
- Established experience in implementing the design thinking process into curriculum programs using real world applications of Digital and Design Technologies;
- Experience with the development of interactive learning cluster spaces and curriculum programs.

PROFESSIONAL DEVELOPMENT

Maintain a program of professional development that is employer directed and supported, school supported and individually identified and ensures that QCT requirements are met. Assist Academic Staff to maintain their own professional development in the area of Digital and Design Technologies, through targeted professional learning programs.



COLLEGE REQUIREMENTS AND CONDUCT

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 hand book, workplace health and safety requirements, as well as any other policies, procedures and guidelines.

Applications close: *Monday 22nd October 2018*

Please send your application and resume to recruitment@sheldoncollege.com and addressed to:

The Principal
Sheldon College
PO Box 1188
Capalaba QLD 4157