

## Senior School Design and Technology Teacher

### **Purpose and Outline of Role**

The Teacher is responsible for creating an engaging, productive and disciplined learning environment in which every student is equipped and encouraged to learn. The Teacher will continually reflect on and adjust his/her teaching practice and actively engage in professional learning. All teachers at Queenwood are expected to contribute to the pastoral care programs and the wider life of the School, and the majority of teachers are required to act as Tutors within the School's pastoral care systems for which an additional allowance is payable.

### **Reporting Relationships**

The post-holder will report ultimately to the Principal and directly to the Head of Design and Technology.

### **Employment Basis**

This is a full time, permanent appointment, commencing Term 1 2020. We seek an experienced teacher, able to deliver a range of TAS subjects, including Stage 4 Technology Mandatory, Stage 5 Design and Technology and Stage 6 Design and Technology. The successful applicant will possess exceptional skills in the application of rigid materials to design project work, including traditional workshop technologies and CAD/CAM.

### **Role Responsibilities**

- Plan, prepare and deliver instructional activities that facilitate active learning
- Develop schemes of work and lesson plans
- Establish and communicate clear objectives for all learning activities
- Prepare classroom for class activities
- Assess and manage risk for any first hand investigations undertaken as part of the practical component of the subject

- Provide a variety of learning materials and resources for use in educational activities
- Identify and select different instructional resources and methods to meet students' varying needs
- Instruct and monitor students in the use of learning materials and equipment
- Use relevant technology to support instruction
- Observe and evaluate students' performance and development
- Assign and grade examinations, assessment tasks, class work, homework, tests and assignments in a timely manner
- Provide appropriate, effective and timely feedback for formative and summative tasks completed by students
- Encourage and monitor the progress of individual students
- Maintain accurate and complete records of students' progress and development
- Update all necessary records accurately and completely as required within regulatory frameworks and under School policies
- Prepare required reports on students and activities
- Manage student behaviour in the classroom by establishing and enforcing rules and procedures
- Maintain discipline in accordance with the rules and disciplinary systems of the school
- Perform certain pastoral duties including but not limited to student support, counselling students with academic problems and providing student encouragement
- Participate in extracurricular activities such as social activities, sporting activities, clubs and student organisations
- Participate in department and school meetings, parent meetings
- Communicate necessary information regularly to students, colleagues and parents regarding student progress and student needs
- Keep up to date with developments in subject area, teaching resources and methods and make relevant changes to instructional plans and activities

- Attend meetings, training, school functions as required and perform regular duties such as playground duty, invigilation etc. Some of these may require attendance out of hours.
- Engage in an annual review and development process in alignment with the Australian Professional Teaching Standards in the spirit of ongoing professional learning
- Participate in the School's outdoor education program during Camp Week
- Contribute to departmental and School programs and activities beyond the curriculum
- Perform such other duties as the Principal may from time to time direct

### **Key Competencies**

- The capacity to plan and implement course delivery across a range of TAS subjects, including Stage 4 Technology Mandatory, Stage 5 Design and Technology and Stage 6 Design and Technology
- Specialisation in Design and Technology Stage 5 and Stage 6
- High level competence in the application of laser cutting and 3D printing technologies
- Experience in teaching students to work with resistant materials including jewellery making in resin and silver, timber technologies and basic metal fabrication
- An interest and/or experience in Robotics and other STEAM initiatives would be well regarded
- High level competence in the Adobe Creative Suite
- Experience in or willingness to develop skills in Coding using the Arduino platform
- A deep love of design across a range of contexts, with the ability to foster in young people a love of the design and creative process.
- Excellent written and verbal communication skills
- Appropriate qualifications and eligibility to teach under the requirements of NSW law and School policy
- Thorough knowledge of effective and relevant teaching strategies based on student characteristics

- Strong understanding of curriculum requirements and the ability to plan and deliver robust and stimulating teaching activities within well-structured programs
- Strong knowledge of contemporary safety and risk management procedures and obligations with regards to practical investigations undertaken as part of the Design and Technology curriculum
- Ability and willingness to evaluate and critically reflect upon own professional practice
- Proficiency in a range of technologies to support teaching and professional duties
- Ability to create a positive, supportive and engaging classroom climate that meets the academic, social and emotional needs of all students
- Commitment to educational excellence and an empathy with the ethos and ideals of Queenwood.

### **Personal Attributes**

- A lively intellect with a strong interest in the life of the mind beyond the boundaries of externally imposed curricula
- Deep commitment to the welfare of young people and the ability to relate warmly and confidently with adolescents
- Collegial and flexible approach with a 'can do' attitude
- Excellent written and oral communication skills
- High level organisational and planning skills
- Strong work ethic
- Initiative, maturity of judgment, resilience



**Closing Date for applications is Friday 13th of December 2019 at 5pm.**

PLEASE NOTE THAT QUEENWOOD ACCEPTS ELECTRONIC APPLICATIONS ONLY.

Applications should include:

- Your WWCC number as per new regulations as at 15th June 2013
- Resume & cover letter addressing the criteria / position requirements
- Your email address
- Names and phone numbers of three confidential referees

Please email applications to: [employment@queenwood.nsw.edu.au](mailto:employment@queenwood.nsw.edu.au)