

THE UNIVERSITY OF NEW ENGLAND

POSITION DESCRIPTION

POSITION: Research Fellow in Multimodal Authoring Pedagogy
REPORTS TO: Professor Len Unsworth, Project Manager
School of Education

POSITION OBJECTIVE:

To provide research management and communication skills for the implementation of a large research project on *Teaching effective 3D authoring in the middle school years: Multimedia grammatical design and multimedia authoring pedagogy*. (ARC Grant). Research activities will include the recruitment of participating teachers and students, collection and analysis of student-authored artifacts, surveying and interviewing students and teachers, collecting classroom data, designing web-based resources for students and teachers, and facilitating a web-based community of learners focusing on 3D multimedia authoring. Primary responsibility will be for delivering project outcomes focused on the development of a new multimedia authoring pedagogy.

DUTIES AND ACCOUNTABILITIES:

1. Overall responsibility for management of the project including organisation, administration, day to day budget management and procedural conduct of the project.
2. In consultation with the project leaders, manage and undertake the planning, development, and implementation of the collection and analyses of digital data, survey and interviews of students and teachers, classroom data collection, design of web-based resources and web-data collection and analyses.
3. Develop and maintain strong collaborative relationships with participating schools, consultants and casual research assistants.
4. Write up and publish formal results of the study and prepare progress and milestone reports for the granting body.
5. Present project results at project meetings, conferences and workshops.
6. Design web-based resources for students and teachers relevant to the project, facilitating a web-based community of learners focusing on 3D multimedia authoring.
7. Provide day-to-day supervision of the casual research assistants employed on the project and any relevant higher degree students
8. Assist with the financial management of the project.
9. Foster and maintain linkages with the other researchers on the project.

SELECTION CRITERIA:

Essential Criteria

1. University degree and qualifications in a field relevant to the position; and/or relevant advanced significant training and experience in digital multimedia in education.
2. Understanding of teaching and learning environments and demonstrated knowledge of Australian primary and secondary school curricula.
3. High level expertise in using computer software for word processing, graphics database management, and web-page development.
4. High level project management skills with ability to manage complex projects within an academic environment - ability to scope, manage and deliver projects on time and within budget. .
5. A developing publication list or demonstrated capability to produce timely and high quality publications of professional material in education.
6. Demonstrated excellent organisational, verbal and written communication skills.
7. Demonstrable excellent interpersonal and negotiation skills and capacity to work effectively both independently and as coordinator of a team of peers.
8. Demonstrated understanding and ability to implement equal opportunity principles.

Desirable Criteria

9. Experience in the use of 3D multimedia and moving image software in education.
10. Ability to lead a research project team.