



[Researcher names, institution names, course names and dates will need to be modified to suit your context. The protocol included here was used in the actual project during 2017.]

## **Protocol for Use of Co-constructed rubrics in Phase 3**

### **Who has this protocol document been created for?**

This protocol document has been created for

1. the RESEARCHERS (Dr Carolyn Rickett, Dr Peter Kilgour, Dr Sue Joseph and Dr John Seddon, the Phase 3 data collection group) in the OLT Rubric project who are responsible for the development and administration of the Phase 3 data collection instruments; and
2. the LECTURERS/ STUDENTS/ RESEARCHERS involved in the use of the co-constructed rubrics that lecturer- and student-participants engage in during Phase 3 of the project (Semester 2 2017).

Note: Processes outlined in this document will be coordinated and monitored by the Dr Carolyn Rickett, Dr Peter Kilgour, Dr Sue Joseph and Dr John Seddon.

### **Overview of this protocol document**

The purpose of this protocol document is to provide procedures for the RESEARCHERS about how to:

1. develop the Phase 3 data collection instruments and recruit participants; and
2. how to administer the Phase 3 data collection instruments.

### **Process: Develop the Phase 3 data collection instruments and recruit participants [for Researchers]**

#### **What are the Phase 3 data collection instruments?**

The Phase 3 data collection instruments will be designed, piloted and administered by Dr Carolyn Rickett, Dr Peter Kilgour, Dr Sue Joseph and Dr John Seddon during Semester 2, 2017 (Phase 3 of the project). Both lecturers and students will be requested to complete these instruments to give their feedback on the use and moderation of a rubric co-constructed for an assessment task. Phase 3 of data collection *after* the lecturers and students have been involved in the co-construction process and used that rubric for moderation of the nominated assessment task. The data instruments will be administered after the students have submitted their assessment tasks but before they have received feedback for that assessment task.

## **Purpose of the Phase 3 data collection instruments**

The purpose of gathering data using the Phase 3 data collection instruments is to provide information to answer Research Question No. 3:

What effect does the co-construction and use of rubrics have on student and lecturer perceptions of student learning?

## **Types of instruments**

The Phase 3 data collection instruments include:

- A questionnaire which will be administered between when the nominated assessment task is due for submission and when the nominated assessment task is due to be returned to students with marks and feedback; for lecturers and students. Students and staff will complete slightly different versions of this instrument.
- A focus group for students or an interview with the lecturer will be facilitated immediately after the questionnaires. Students and staff will be asked slightly different questions in the focus groups and interviews.

## **Format**

- The questionnaire will be developed and administered in a paper-based format.
- The focus group and interview will take place on-campus or via video-conference (if required).

## **Development of questionnaire and focus group questions**

The questionnaire, focus group and interview questions have been developed across Phase 1 and 2 of the project. Questions from our Avondale Ethics Application have been used.

Members of the Phase 3 data collection (Carolyn Rickett, Peter Kilgour, Sue Joseph and John Seddon) are responsible for developing and piloting these data collection instruments.

**Re-establishing contact with lecturers and students (by 14 September 2017)** Data collectors need to:

- ensure that contact is re-established with the lecturer and student participants from each discipline that participated during the rubric co-construction stage to organise an appropriate date and time for the data collection (Phase 3) to take place (liaise and organise by 14 September 2017);
- recruit Phase 3 data collection pilot group (about 5 lecturers and 5 students) who have not been recruited for the project); and
- contact co-construction lecturers and student participants from each discipline (i.e., not the pilot group) to inform them of the process of rubric use and moderation and data collection using the Phase 3 protocol and data collection instruments, with timeframe and due dates.

The recruiting of participants should be done in collaboration with the lecturer of the unit from which you are collecting the Phase 3 data. This is so that the lecturer liaises with the students who were participants in the co-construction phase, to again be participants in this 3rd Phase regarding use of the co-constructed rubric from Phase 2.

### Guidelines for the data collecting researchers contacting the lecturer-participants:

- Ensure you have opened communications with your lecturer-participants
- Send the lecturer-participants the protocol and timetable;
- Contact the lecturer-participants to ensure understanding of what/when needs doing;
- Organise with the lecturer-participants to ensure that the days/dates/times for each session are recorded (also sent to Jack)
- Become conversant with the processes in the protocol so that you can effectively manage the data collection sessions (you will be the go to person for assisting with the concepts and processes that the protocol outlines).

*Table 1: Our participants and data collection schedule (Phase 3)*

| Institution | Discipline  | Unit/ degree year for rubric co-construction (Sem 1)   | Unit/ degree year for rubric use (Sem 2)   | Lecturer/ coordinator           | No. of students | OLT researcher to collect Phase 3 data* |
|-------------|---|--|--|---------------------------------|-----------------|---|
| CSU         | Medical Radiation Science   | MRS290: Medical Radiation Science Practicum [Bachelor of Medical Radiation Science- Medical Imaging; Bachelor of Medical Radiation Science- Nuclear Medicine; Bachelor of Medical Radiation Science – Radiation Therapy] | MRS203: Imaging Anatomy [Bachelor of Medical Radiation Science- Medical Imaging; Bachelor of Medical Radiation Science- Nuclear Medicine; Bachelor of Medical Radiation Science – Radiation Therapy]/ Year 2 | Andrew Kilgour/ Michelle Reeves | 6-9             | Jack to travel to CSU Wagga Wagga       |
| UTS         | Creative Writing  | Call for volunteers Bachelor of Communication (Creative Writing)   | Working with students during semester to co-construct the rubric. Imagining the Real (54071)   | Sue Joseph                      | 4-7             | Carolyn or Maria                        |
| Avondale    | Theology/ 3 <sup>rd</sup> and 4 <sup>th</sup> years, 300 level unit | THEO36130: Ecclesiology and Sabbath/ Bachelor of Ministry and Theology   | THEO36110: Salvation and Eschatology   | Wendy                           | 4-6             | Carolyn                                 |

| Institution | Discipline  | Unit/ degree year for rubric co-construction (Sem 1)  | Unit/ degree year for rubric use (Sem 2)             | Lecturer/ coordinator | No. of students | OLT researcher to collect Phase 3 data* |
|-------------|---|---|--|-----------------------|-----------------|---|
| Avondale    | Education/ 3 <sup>rd</sup> year, Bachelor of Teaching/ Bachelor of Arts (Primary) | EDUC22103: Curriculum & Pedagogical Studies: Teaching and Researching for Effective Learning. | EDUC24108 Curriculum Studies From Theory to Practice | Bev                   | 6               | Peter                                   |
| Avondale    | Nursing/ 1 <sup>st</sup> year   | NURS11000 Nursing Practice 1  | NURS12000 Nursing Practice 2                         | Linda Cloete          | 6               | Jack or Maria                           |
| Avondale    | Nursing/ 3 <sup>rd</sup> year   | NURS33300 Nursing Practice 5  | NURS34400 Nursing Practice 6                         | Sonja Dawson          | 8               | Jack or Maria                           |

\* **Note** that this person needs to coordinate the Phase 3 data collection, including reminding the lecturer involved when the data will be collected.

### **Pilot (7 - 14 September 2017)**

Pilot Phase 3 data collection instruments with pilot group and adjust/edit the instruments accordingly.