**AHC 31416  
 Certificate III Conservation & Land Mgt**

**AHCNSY306 Implement a propagation plan**

# ASSESSMENT REQUIREMENTS

**Please read all assessment instructions to ensure you fully understand the requirements outlined in each task.**

To achieve competence in the unit/s a learner must meet requirements for all assessment tasks listed before a result of competency can be awarded. Where competency is not achieved your assessor will provide feedback and request further evidence as needed.

If this course is undertaken at a Diploma level or above you must first be assessed as competent in the required unit/s. Only once you have achieved competence can the assessor award you a grade or mark against the entire unit/s.

It is important that you clearly understand all the requirements of assessment. If you have difficulty with the assessment terms or the steps to follow please speak to your Assessor/Instructor prior to commencing the task/s. Your Assessor will provide additional information to ensure all aspects of the tasks are clear.

## RE-ASSESSMENT

If you do not achieve the required standard to achieve competence, you will be given the opportunity to be re-assessed by the assessor and the requirement for additional evidence will be outlined. Arrangements will be made on an individual basis to ensure the process is valid, fair and reliable.

## ASSESSMENT APPEALS

A student who is dissatisfied with the outcome of his/her assessment should first discuss their concerns with the teacher/assessor and/or program coordinator in the associated business area. If the issue is not resolved, the student may appeal the decision(s) by following the Complaints and Appeals process as outlined in the Chisholm Student Guide.

# ASSESSMENT METHODS

You will be required to undertake a range of assessment tasks to establish competence for the unit/s you are undertaking. It is important to understand the types of assessment you may be required to complete as part of the evidence gathering process.

Please see below the range of assessment methods that are used at Chisholm to ensure competency is appropriately measured and valid, reliable and fair assessment judgements are made.

The assessor will provide all required information about the assessment process and conditions prior to the assessment taking place.

1. **Observation**
2. **Questioning**
3. **Test/Quiz**
4. **Presentation**
5. **Portfolio**
6. **Report/Essay**
7. **Project**

Please note, where additional questioning has taken place to determine competency and understanding this must be recorded as evidence to support the assessment judgement.

## ASSESSMENTS

The following assessments will be used to collect evidence of the knowledge and skills you have gained from your Learning Program. You will be required to demonstrate your ability to perform to the standard required in the workplace, as specified within the identified unit/s of competency.

The table below indicates the methods of assessment that will be used to establish competence for this unit/s and the expected timeline.

|  |  |
| --- | --- |
| Assessment Tasks | Week / Session / Block of Assessment |
| 1 - Observation | 2,4,6,8,10 |
| 2 - Test/Quiz | 5 |
| 3 - Report | 10 |

# 1. OBSERVATION

## STUDENT INSTRUCTIONS

You will be observed by your assessor in the workplace or dedicated simulated environment performing a task to the required standard as outlined in the appropriate unit of competency. This may involve the use of a role play or case study to establish the context for assessment and this specific information will be provided by your assessor prior to the assessment taking place.

It is important to ensure you read and understand all observable criteria for the associated demonstration including role plays or scenarios for which you will be observed. If any point is unclear please seek clarification from your Assessor. Please ensure you are familiar with the key criteria your assessor will be looking for during the assessment process.

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| **Assessment 1- Observation** | | | | | | | | | | | | | | |
| **UNIT/S OF COMPETENCY – Code** | | | | | **AHCNSY306** | **Title** | | **Implement a propagation plan** | | | | | | |
| **Student Name** | | |  | | | | | | | **Student Number** | |  | | |
| **Student Signature** | | |  | | | | | | | **Assessment Date** | |  | | |
| **Assessment Location** | | |  | | | | | | | **Assessment Time/ Duration** | |  | | |
| **Description of the task to be observed:**  Conduct a range of propagation activities to demonstrate skills and knowledge. | | | | | | | | | | | | | | |
| **During the activity, the student is required to satisfactorily demonstrate required skills though completion of the observable task/s.** | | | | | | | | | | | | | | |
| **Observable Task** | | | | **Assessment Criteria** | | | | | | | | | **MR** | **FER** |
| O1. Prepare for propagation | | | | Student listens to instructions and acts appropriately | | | | | | | | |  |  |
|  | | | | Selects right tools and equipment | | | | | | | | |  |  |
|  | | | | Can identify the equipment, and species suitable to a variety of propagation techniques | | | | | | | | |  |  |
| O2. Identifies & manages OH&S issues | | | | Identifies OH&S issues associated with all aspects of propagation | | | | | | | | |  |  |
|  | | | | Can propose suitable management of the hazards identified an appropriate PPE | | | | | | | | |  |  |
| O3. Manages hygiene issues | | | | Implement hygiene practices – bringing in plant material | | | | | | | | |  |  |
|  | | | | Propagation technique hygiene practices | | | | | | | | |  |  |
| O4. Selects appropriate media | | | | Can identify to different components of propagation media | | | | | | | | |  |  |
|  | | | | Can test media to ensure it meets specifications | | | | | | | | |  |  |
|  | | | | Properly handles and stores propagation media | | | | | | | | |  |  |
|  | | | | Can identify to different components of propagation media | | | | | | | | |  |  |
| O5. Propagation techniques | | | | Correctly conducts propagation activities – seed sowing and seed pre-treatments | | | | | | | | |  |  |
|  | | | | Correctly conducts propagation activities – preparing cuttings | | | | | | | | |  |  |
|  | | | | Correctly conducts propagation activities – plant divisions | | | | | | | | |  |  |
|  | | | | Labelling and record keeping is completed correctly | | | | | | | | |  |  |
| **During the activity, did you ask the student any questions to ensure the assessment outcome was valid?** | | | | | | | **If yes, please record your discussion notes below:**  **Yes**  **No** | | | | | | | |
|  | | | | | | | | | | | | | | |
| **Assessor Feedback** | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
| Assessor note: Please ensure all above criteria have been met to a satisfactory standard. Where not, additional evidence must be obtained and recorded to meet assessment criteria. All additional evidence must be clearly documented. | | | | | | | | | | | | | | |
| **Assessor Name** | |  | | | | | | | | | | | | |
| **Assessor Signature** | |  | | | | | | | **Date** | |  | | | |
| **Assessment Task Result (Please tick appropriate Assessment Result)** | | | | | | | | | **MR**  **FER** | | | | | |
| **Marking Scheme** | **Competency based**  **Competent + grading/mark** | | | | | | | | | | | | | |

# 2. TEST/QUIZ

## STUDENT INSTRUCTIONS

As part of your assessment for this unit/s you will be required to complete a Test/Quiz. The assessment conditions will be provided to you and these must be adhered to.

All Test/Quiz questions must be answered correctly to satisfactorily complete the assessment task. Where additional attempts are required further instruction will be provide by your assessor.

It is important that you are at the assessment location at the required time as you will be given time to read the assessment and seek any clarification on questions you may have.

This will not be permitted once the formal test has commenced as all communication will cease for the duration of the test.

You are required to undertake a Test/Quiz for this unit of competency under the conditions set out below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Assessment 2 - Quiz** | | | | | | |
| **UNIT/S OF COMPETENCY – Code** | | **AHCNSY306** | **Title** | **Implement a propagation plan** | | |
| **Assessment Location** | **On campus** | | | | **Assessment Time / Duration** |  |
| **Specific Assessment Conditions / Information** | **Open Book – can be completed as content work is covered** | | | | | |

The Assessment will be undertaken in the following format: **Moodle/Paper** based

If in the event that a test question has not been answered correctly, the Assessor is to discuss the response with the student in order to determine if the student did not know the answer, or did not understand the question.

To achieve a satisfactory result for this assessment, all formal test questions that are mapped in the associated assessment mapping document must be answered correctly.

|  |
| --- |
| **Question 1:** What are the two main methods of propagations? |
|  |
| **Question 2:** Fill in this table |
| |  |  |  | | --- | --- | --- | |  | **Advantages** | **Disadvantages** | | **Propagation from seed** |  |  | |  |  | |  |  | | **Vegetative Propagation** |  |  | |  |  | |  |  | |
| **Question 3:** What are the three stages of growing in a nursery? |
|  |
| **Question 4**: List three OH&S issues regarding plant propagation activities? How would you address these issues to minimise risk? |
| |  |  | | --- | --- | | Issues | Risk Management | |  |  | |  |  | |  |  | |
| **Question 5** List two basic hygiene procedures that should be used in a nursery |
|  |
| **Question 6** What is one quality of good potting mix? |
|  |
| **Question 7** What is a common nursery disease and how can it be prevented? |
|  |
| **Question 8** What are the features of a pot that helps prevent root bound plants? |
|  |
| **Question 9** When collecting material for cuttings what are we looking for in the parent plant? |
|  |
| **Question 10** What is seed dormancy? |
|  |
| **Question 11** Please explain the term “after-ripening period”? |
|  |
| **Question 12** About what % of species will be very difficult or impossible to grow from seed? |
|  |
| **Question 13** What conditions or factors must be adequate for seed germination to occur?(4 of them) |
|  |
| **Question 14** List two pre-treatments for a hard seed coat? |
|  |
| **Question 15** What is stratification? |
|  |

# 3. REPORT/ESSAY

## STUDENT INSTRUCTIONS

You are required to write an essay/report as outlined in the assessment instruction and criteria. It is important to ensure you read all aspects of the assessment topics and discuss any areas that require clarification with your assessor.

Where there is a word limit it is important to be aware of this parameter although regardless of the word count all criteria must be covered to the required standard.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Assessment 3 - Report** | | | | | | | | | | | | | |
| **UNIT/S OF COMPETENCY – Code** | | | | | **AHCNSY306** | **Title** | **Implement a propagation plan** | | | | | | |
| **Student Name** | | |  | | | | | | **Student Number** | | | |  |
| **Student Signature** | | |  | | | | | | **Assessment Date** | | | |  |
| **Report/Essay Overview**: Complete a report detailing the steps required for the following propagation techniques   * Sowing seeds * Pricking out * Cuttings * Divisions * Pre-treatments   Use table provided as a guide | | | | | | | | | | | | | |
| **Within the report / essay, the student is required to satisfactorily address the key criteria and cover the required information.** | | | | | | | | | | | | | |
| **Report / Essay Criteria** | | | | **Assessment Criteria** | | | | | | **✓** | | **Assessor Comments**  **\*Assessor to tick criteria that is satisfactorily covered** | |
| 1 Can perform a range of propagation techniques | | | | Knows the different techniques | | | | | |  | |  | |
|  | | | | Can describe the techniques & materials required | | | | | |  | |  | |
| Knowledge of pre-treatments required | | | | Can list and describe pre-treatments for propagation of native plants | | | | | |  | |  | |
|  | | | | Can describe treatments required by different species | | | | | |  | |  | |
| **Assessor Feedback** | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | |
| Assessor note: Please ensure all above criteria have been met to a satisfactory standard. Where not, additional evidence must be obtained and recorded to meet assessment criteria. All additional evidence must be clearly documented. | | | | | | | | | | | | | |
| **Assessor Name** | |  | | | | | | | | | | | |
| **Assessor Signature** | |  | | | | | | **Date** | | |  | | |
| **Assessment Task Result (Please tick appropriate Assessment Result)** | | | | | | | | **MR**  **FER** | | | | | |
| **Marking Scheme** | **Competency based**  **Competent + grading/mark** | | | | | | | | | | | | |

|  |  |
| --- | --- |
| Propagation Technique: | Sowing Seeds |
| Materials, tools & equipment needed: |  |
| Step by step instructions: |  |
| OH&S Issues: |  |
| Records to be kept |  |
| Suitable Species: what species or groups of plants is this technique suitable for, list at least three examples and provide species name and common name, |  |

|  |  |
| --- | --- |
| Propagation Technique: | Pricking Out |
| Materials, tools & equipment needed: |  |
| Step by step instructions: |  |
| OH&S Issues: |  |
| Records to be kept |  |
| Suitable Species: what species or groups of plants is this technique suitable for, list at least three examples and provide species name and common name, |  |

|  |  |
| --- | --- |
| Propagation Technique: | Cuttings |
| Materials, tools & equipment needed: |  |
| Step by step instructions: |  |
| OH&S Issues: |  |
| Records to be kept |  |
| d. Suitable Species: what species or groups of plants is this technique suitable for, list at least three examples and provide species name and common name, |  |

|  |  |
| --- | --- |
| Propagation Technique: | Divisions |
| Materials, tools & equipment needed: |  |
| Step by step instructions: |  |
| OH&S Issues: |  |
| Records to be kept |  |
| Suitable Species: what species or groups of plants is this technique suitable for, list at least three examples and provide species name and common name, |  |

|  |  |  |
| --- | --- | --- |
| Pre-treatments | |  |
| Name | Description | 3 Species |
|  |  |  |
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***Plant Propagation Profiles***

|  |  |
| --- | --- |
| Species Name |  |
| Seed collection time |  |
| Germination technique – include any required pre-treatments |  |
| Approximate time from sowing to germination |  |
| Uses in revegtation |  |

|  |  |
| --- | --- |
| Species Name |  |
| Seed collection time |  |
| Germination technique – include any required pre-treatments |  |
| Approximate time from sowing to germination |  |
| Uses in revegtation |  |

|  |  |
| --- | --- |
| Species Name |  |
| Seed collection time |  |
| Germination technique – include any required pre-treatments |  |
| Approximate time from sowing to germination |  |
| Uses in revegtation |  |

# UNIT ASSESSMENT SUMMARY RESULT SHEET

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **COURSE – Code** | | | AHC31416 | **Title** | Cert III Conservation & Land Mgt | | | |
| **UNIT/S OF COMPETENCY – Code** | | | **AHCNSY306** | **Title** | **Implement a propagation plan** | | | |
| **Student Name** | |  | | | **Student Number** | | |  |
| **ASSESSMENT TASK** | | | | | **MET REQUIREMENTS** | | | **DATE ASSESSMENT TOOK PLACE** |
| **1 – Observation** | | | | | **MR  FER** | | |  |
| **2 - Quiz** | | | | | **MR  FER** | | |  |
| **3 - Report** | | | | | **MR  FER** | | |  |
| **Reasonable Adjustments:** Is adjustment that may be made to an assessment process to cater for the needs of a student undertaking the assessment without compromise to the validity of the process or required competence criteria. | | | | | | | | |
|  | | | | | | | | |
| **Student has Met Requirements (MR) of all assessment tasks**  **Student did not complete the Further Evidence Requirements (FER)** | | | | | | | | |
| **COMPETENCE RESULT** | | | | | | | | |
| **Competent**  **Not Competent** | | | | | | | | |
| **GRADE OUTCOME / MARK RANGE** | | | | | | | | |
| **GP Pass**  **G3 Credit**  **G2 Distinction**  **G1 High Distinction**  **50-59% 60-69% 70-79% 80-100%** | | | | | | | | |
| **Additional Assessor comments:** (if required) | | | | | | | | |
| **Assessor name** |  | | | | | | | |
| **Assessor signature** |  | | | | | **Date** |  | |

# BACK COVER (DO NOT DELETE)