# Title: Asteroids

## Assessment Details: (please refer to your Class Schedule for actual date)

**Start Date:**          Session 1

**Submission Date:**          Session 6

**Assessment Date:**          Session 6

## Assessable units of competency

**BSBWHS201A** – Contribute to the health and safety of self and others
**ICAICT201A** – Use computer operating systems hardware
**ICAICT306A** – Migrate to new technology

## General description

In this assignment you will gain an understanding of basic programming principles and coding structure through the creation of a basic Asteroids-like game.

Throughout this assessment, you will be required to build a basic web-based JavaScript game, follow OHS procedure and identify computer hardware components.

You will be provided with in-class tutorials and exercises to help you build your Asteroids game.

## Knowledge and skills

Listed here is the knowledge and skills you'll be learning and on which you will be assessed.

- A – Computer hardware and components
- B – Work place health and safety
- C – Migration to new technology (HTML5 and JavaScript)

## Evidence specifications

This is the specific evidence you must prepare for and present on assessment day to demonstrate you have competency in the above knowledge and skills. The evidence must conform to all the specific requirements listed below.

1. Computer hardware components exercises provided – Skill (**A**)
2. Completion of Workplace Health and Safety Quiz – Skill (**B**)
3. Observed following workplace procedures and pre-system checks – Skill (**B**)
4. Completion of Asteroids project – Skill (**C**)

## Your roles and responsibilities as a candidate

- Understand and feel comfortable with the assessment process
- Know what evidence you must provide during your assessment
- Take an active part in the assessment process
- Be ready for the assessment at the nominated time

## Assessment rubric

This table defines exactly what is required to be successfully deemed competent.

| Evidence | Definition of Competent for Asteroids |
|---|---|
| 1. Computer hardware components exercises provided | • Hardware exercise completed<br>• Hardware components specified do not conflict and are compatible ( IE if the motherboard only supports DDR3 ram, than the ram selected must be DDR3 ) |
| 2. Completion of Workplace Health and Safety Quiz | • WHS quiz completed<br>• Answered quiz questions correctly |
| 3. Observed following workplace procedures and pre system checks | • Students follow the correct procedures whilst within the classroom this includes abiding by acceptable computer usage, acceptable internet usage.<br>• Students contribute to workplace meetings, inspections and consultative activities as required. |
| 4. Completion of Asteroids project | • Completion of Asteroids project, submitted as described, following correct naming conventions.<br>• Source code and resources provided. |

## Assessment instructions for candidate

### METHOD OF ASSESSMENT

Assessment will be conducted by you personally presenting evidence that demonstrates your competence in a short interview with your assessor.  The evidence you must prepare and present is described above in this assessment criteria document. Assessments will be conducted on a specific day recorded above in this assessment criteria document.

### ASSESSMENT CONDITIONS

You will have approximately 10 mins to present your evidence that demonstrates your competence.  It is your responsibility to be prepared.  If you have forgotten something or made a small mistake you may correct it, however the assessor may choose to assess other candidates who are better prepared and return to you if time permits.  Upon completion of the assessment you will be issued with feedback and a record of the assessment, which you will need to acknowledge that you have accepted the result.  If you are absent on the nominated assessment day (without prior agreement or a sufficient documented excuse) you will be assessed as not yet competent.

### GRADING

The assessment you are undertaking will be graded as either *competent* or not *yet competent*.

### REASSESSMENT PROCESS

If you are assessed as being not yet competent you will receive clear, written and oral feedback on what you will need to do to achieve competence. You will have one (1) week to prepare your evidence for a reassessment. You will be given only one reassessment opportunity. If you are unsuccessful after your reassessment you will be required to attend an intervention meeting with your Head of School to discuss your progress.

### REASONABLE ADJUSTMENTS

We recognise the need to make reasonable adjustments within our assessment and learning environments to meet your individual needs. If you need to speak confidentially to someone about your individual needs please contact your teacher.