**EXTERNAL ASSESSMENT SPECIFICATIONS**

**COMPUTER GRAPHICS AND DESIGN 3**

**COURSE CODE: CGD315118**

External Assessment Specifications inform the development of external written exams. The primary audience for this document is the course Setting Examiner and Exam Critics. It may also be of use to teachers and students.

These specifications must be read in conjunction with the Course Document.

The Criteria to be externally assessed are: 6 and 7

The format of the external assessment is: a 2-hour written examination.

**WRITTEN EXAMINATION STRUCTURE**

<table>
<thead>
<tr>
<th>Section</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Criteria</td>
<td>7 Elements 1, 2, 3, 4, 5</td>
<td>6 Elements 1, 2, 3, 4, 5</td>
<td>6 Elements 1, 2, 3, 4, 5</td>
<td>7 Elements 1, 2, 3, 4, 5</td>
</tr>
<tr>
<td>Course Coverage</td>
<td>Unit 2</td>
<td>Unit 1</td>
<td>Unit 1</td>
<td>Unit 2</td>
</tr>
<tr>
<td>Number of items</td>
<td>8</td>
<td>8</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Compulsory</td>
<td>Candidates will answer FOUR questions from eight options</td>
<td>Candidates will answer FOUR questions from eight options</td>
<td>Candidates will answer ONE question from four options</td>
<td>Candidates will answer ONE question from six options. One question relating to 3D modelling and one for each of the options</td>
</tr>
<tr>
<td>Section</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
</tr>
<tr>
<td>---------</td>
<td>---</td>
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<td>---</td>
</tr>
<tr>
<td><strong>Item type(s) format</strong>&lt;br&gt;fine – describe&lt;br&gt;response type only</td>
<td>Paragraph length written response</td>
<td>Paragraph length written response</td>
<td>Written response accompanied by sketches and annotations</td>
<td>Extended response</td>
</tr>
<tr>
<td><strong>Suggested time allocation</strong></td>
<td>20 minutes</td>
<td>20 minutes</td>
<td>40 minutes</td>
<td>40 minutes</td>
</tr>
<tr>
<td><strong>Rating allocation (either Rating or Mark Allocation – weighting must be specified)</strong></td>
<td>All criteria are assessed using extended ratings of A+, A, A-, … B+, B, B- …, C+,C, C- …, t+, t, t- or z.&lt;br&gt;Please note a C- is a low C (i.e. meets the standards for a C but is not a t)&lt;br&gt;Algorithm to achieve final rating from Sections A and D will take account of the fact that Section D carries double the weight of Section A.</td>
<td>All criteria are assessed using extended ratings of A+, A, A-, … B+, B, B- …, C+,C, C- …, t+, t, t- or z.&lt;br&gt;Please note a C- is a low C (i.e. meets the standards for a C but is not a t)&lt;br&gt;Algorithm to achieve final rating from Sections B and C will take account of the fact that Section C carries double the weight of Section B.</td>
<td>All criteria are assessed using extended ratings of A+, A, A-, … B+, B, B- …, C+,C, C- …, t+, t, t- or z.&lt;br&gt;Please note a C- is a low C (i.e. meets the standards for a C but is not a t)&lt;br&gt;Algorithm to achieve final rating from Sections B and C will take account of the fact that Section C carries double the weight of Section B.</td>
<td>All criteria are assessed using extended ratings of A+, A, A-, … B+, B, B- …, C+,C, C- …, t+, t, t- or z.&lt;br&gt;Please note a C- is a low C (i.e. meets the standards for a C but is not a t)&lt;br&gt;Algorithm to achieve final rating from Sections A and D will take account of the fact that Section D carries double the weight of Section A.</td>
</tr>
<tr>
<td><strong>External Assessment Specifications</strong></td>
<td>Interactive Design</td>
<td>Solid Modelling and 3D fabrication</td>
<td>Video and Motion Graphics</td>
<td>Animation</td>
</tr>
</tbody>
</table>
ASSESSMENT

A set of solutions or a marking tool will be developed by the Setting Examiner, provided to markers at the marking meeting that follows the external written examination; and will be available from TASC in the following year.

The external assessment must include items that, separately or together, give opportunities to demonstrate the standards from rating C to rating A.

Final results will be awarded as a rating of A, B, C, t or z in the above criteria. These ratings are used in determining the final award according to the algorithm in the course document.

WRITTEN EXAMINATION CHECKLIST

SECTION A
☐ assesses examinable aspects of Criteria 7
☐ provides opportunities to demonstrate standards from rating C to rating A
☐ eight questions that require paragraph type responses
☐ candidates must answer four questions

SECTION B
☐ assesses examinable aspects of Criteria 6
☐ provides opportunities to demonstrate standards from rating C to rating A
☐ eight questions that require paragraph type responses
☐ candidates must answer four questions

SECTION C
☐ assesses examinable aspects of Criteria 6
☐ provides opportunities to demonstrate standards from rating C to rating A
☐ four questions require written responses including sketches and annotations
☐ candidates must answer one question

SECTION D
☐ assesses examinable aspects of Criteria 7
☐ provides opportunities to demonstrate standards from rating C to rating A
☐ six questions that require extended written responses
☐ candidates must answer one question
EXTENDED DESIGN PROJECT GUIDELINES

These guidelines provide students, teachers and markers with details about what students must do for the folio that forms the Extended Design Project part of the external assessment for this course.

This document does not repeat essential information found in other documents and must be read in the context of:

- **THE COURSE DOCUMENT**
  (https://www.tasc.tas.gov.au/students/courses/technologies/cgd315118/)

- **THE TASC GUIDE TO AUTHENTICITY AND ACADEMIC INTEGRITY**
  (https://www.tasc.tas.gov.au/students/academic-integrity/)

- **HOW TO SUBMIT YOUR FOLIO**
  (Folio assessment - TASC)

The course Assessment Report located at (Computer Graphics and Design - TASC) addresses issues, strengths and weaknesses about the assessment of the previous year’s Extended Design Projects.

RESOURCE REQUIREMENTS

Students undertaking this course must have access to appropriate industry-standard graphics software applications and suitable hardware to enable the efficient operation of such applications.

The final Extended Project will be externally assessed and must be submitted in electronic format by the student to their teacher. Due dates for folio submission are available from the TASC website.

The teacher cannot extend this published final “due to teacher date”, however, they may set an earlier deadline for the purpose of internal assessment.

ADVICE TO STUDENTS

Students are required to complete an extended Design Project using computer generated graphics, or digital content, in a field of design.

Within this extended design project you must:

- Develop and provide a clear, concise brief. A reproduction of an existing design is not a design project.
- Follow a structured design process as is typically applied in a commercial setting.
  - It is essential that you provide evidence of design development through scanned sketches that show exploration and experimentation of potential design solutions through to a final solution. Storyboarding for animations or motion graphic sequences as well as site maps for web based interactive projects is essential.
- Prepare a presentation of your design process and a written analysis essay for external assessment
- Use contemporary digital design methods in the presentation of the project.
You must work within a contemporary design context, creating content in, and for a digital environment. Your project will use design principles, processes and practice to explore the diverse range of possibilities available for designing and creating visual content in the digital world.

When choosing the subject of your design project you must take into consideration environmental and social factors. You must fully justify your choice in the documentation of the design process and your teacher must approve it. The projects must have rigor in terms of design and design process, including context and purpose.

Your project content must be comparable with, or lower than M classification category (content is moderate in impact) of the Australian National Classification Scheme (http://www.classification.gov.au/Pages/Home.aspx). Classifiable elements are themes, violence, sex, language, drug use and nudity. Material that does not comply with this classification category will not be marked.

PROJECT REQUIREMENTS

You must complete and submit the Extended Design Project Proforma available on the TASC website. You must submit your project on a USB. A folder will be provided to you through your school in which to submit the Project Proforma, Candidate Declaration and USB. Do not submit any hard copy material. All sketches and printed support materials shall be scanned and submitted as part of the digital folio. No physical projects (e.g. 2D models and 3D models) will be accepted for external assessment, and will not be assessed.

The project must:

- be a single coherent folio presentation
- not exceed 40 A4 equivalent pages with text set no smaller than 10 point for body text and not a series of separate files
- be no larger than 100 megabytes in total size.
- be submitted as one PDF, with the exception of animated content. Animated content produced by the student may be submitted as an MP4 file separate to the PDF but must represent contemporary screen aspect ratios and have an appropriate compression codec applied.

All your work must clearly state the title of the project. Sketches to show the development of the initial concept through to the final design ideas must accompany the project. Storyboards are an essential aspect of any animation or motion graphic sequence. Sketches and storyboards must be included in your folder for submission.

Material such as brochures and internet based information may be included to substantiate evidence of research prior to design development. Such information must demonstrate a direct connection to the project’s design development through annotation and be referenced appropriately. You must also include screen grabs and supportive summary text that explains the project production process using computer graphics applications to prove the project is your original work.

Animation and motion graphic sequences must adhere to a range of maximum time limits as follows:

- Commercial either 30 or 60 seconds exactly
- Story/music clip 4 minutes maximum*
- Industrial walk through/process 4 minutes maximum*
- Special effect sequences 4 minutes maximum*

*including all titles and credits. Any material that exceeds four minutes will not be viewed.
You must acknowledge and clearly state any 3D objects/images used in the project from an outside source on the Extended Design Project Proforma.

The Extended Design Project will form the basis of the evidence that will be assessed externally by TASC in determining student ratings on assessment criteria 2, 5 & 8. If you do not submit an Extended Design Project the best you can achieve is a Preliminary Achievement (PA) in this course.

You are advised to check the document carefully prior to submission as TASC will not be responsible for files that are non-operational and cannot be viewed by examiners, therefore cannot be assessed.

Your work must be identified by your TASC candidate number ONLY. Your name or the name of your school must NOT appear anywhere in the folio.

RESEARCH ANALYSIS ESSAY

You must include a research analysis essay (approximately 1500 words) that highlights clear links between the chosen design specialisation and the industry that is most relevant to your project work. The essay must include typical design considerations referencing a contemporary or historical perspective, computer graphic production processes relevant to the project’s design context and industry examples relevant to the specialisation area in the essay content.

The research analysis essay is NOT a commentary of the design process undertaken by the student but a higher level analysis of the specialisation area under study.

A plan for your research analysis essay in the form of a mind map or as a series of notes outlining the format of the essay must also be included.

NOTE Students will be penalised against Criterion 5 if referencing conventions are not appropriately applied. Refer to the TASC Guide to Academic Integrity.

ADVICE TO TEACHERS

You must approve the Extended Design Project topic. You must consult with your students regularly during the development of their project.

The projects will be marked by a panel of examiners (that includes the Marking Coordinator) at a centralised location.

INSTRUCTIONS TO MARKERS

Projects will be assessed on:

Criterion 2: apply a design process to generate solutions
Criterion 5: analyse and apply elements and principles of design
Criterion 8: apply digital technologies to create designed solutions