# Assessment Brief for Programming in C
## Tents and Trees (2D Arrays)

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| Unit name | Programming in C |
| Unit code | COMSM1201 |
| Assessment number | 2 |
| Assessment name | 2D Arrays (Tents and Trees) |
| Assessment prepared by | Neill Campbell |
| Assessment type | Coursework |
| Credit value | **20%** of 30cp unit |
| Expected time to complete | 1 week, approximately |
| Submission format | File submissions via Blackboard. You can submit multiple times and only the last one is marked. Late submissions (even 1 second) automatically incur a penalty, which we cannot override. Feedback will not show the penalty. |
| Deadlines | 24th October 2025 (Friday Week 5) @ 13:00 |
| Deliverable | One file called *tt.c* - make sure this is spelled correctly and has been compiled on a lab machine without warnings. |
| Learning outcomes being assessed | • To be able to write a program, given a brief specification that compiles and executes correctly. <br> • To be able to convert a simple algorithm into working code. <br> • The ability to program in the C99 C standard, and in the style outlined in the house style guidelines. <br> • To be able to build a program from a suite of small, well tested functions. <br> • To be able to debug simple programs on your own. |
| Assessment criteria | Your code must pass assertion tests (those given, and others which are reasonable) and follow the house style guidelines with clear, readable functions. |
| Academic integrity | Your submission must be **entirely your own work**. Copying from AI, other students, or external sources counts as plagiarism and will be treated as cheating under University policy. |
| Additional resources | Previous week 3/4/5 exercises. |
| Support for this assignment | 6 hours of labs in week 5. |
| Additional advice to students | Use the house style guidelines! You're being asked to code three functions, but use well-tested helper functions to assist with this. Write tests *before* you code (consider any edge cases). |
| Feedback mode/method | Brief written feedback from Neill, and any verbal feedback given during lab sessions. |
| Planned feedback date | Aim to provide feedback before the next assignment is due. |
| Useful previous feedback | - |
| Future feedback use | Next assignment (Searching) |