

## COURSE SPECIFICATION DOCUMENT

<b>Academic School / Department:</b>	School of Liberal Arts
<b>Programme:</b>	Computer Science
<b>FHEQ Level:</b>	6
<b>Course Title:</b>	Senior Project 2
<b>Course Code:</b>	DGT 6297
<b>Student Engagement Hours:</b>	120
Tutorials:	45
Independent / Guided Learning:	75
<b>Credits:</b>	12 UK CATS credits 6 ECTS credits 3 US credits

### **Course Description:**

This course provides the setting to further develop and complete the independently planned and executed programming project begun in Senior Project 1. The developed program should be tested and the findings critically evaluated for improvement.

The instructor will facilitate the process through regularly scheduled meetings.

### **Prerequisites:**

DGT 6296 Senior Project 1.

### **Aims and Objectives:**

By the end of this course, students would have completed a substantial project that demonstrates their employability skills in an area of their interest. They will start with a project concept, conduct the necessary research necessary to write a brief, establish a methodology, complete the design, develop and evaluate. They will reflect on their work critically to identify areas of improvement in their work.

### **Programme Outcomes:**

COMPSC: A1-8, B1-7, C1-4, C6

A detailed list of the programme outcomes are found in the Programme Specification.

This is located at the archive maintained by Registry and found at:

<https://www.richmond.ac.uk/programme-and-course-specifications/>

### **Learning Outcomes:**

By the end of this course, successful students should be able to:

- Implement a methodology appropriate to the project brief.
- Design and programme a response to meet the requirements of the brief.
- Evaluate the design and program at appropriate stages of the project.
- Critically reflect on their project and its implementation.

**Indicative Content:**

- Approaches, methodologies, and methods.
- Implementation.
- Findings and analysis.
- Reflection and conclusions.

**Assessment:**

This course conforms to the University Assessment Norms approved at Academic Board and located at: <https://www.richmond.ac.uk/university-policies/>

**Teaching Methodology:**

- One-to-one tutorials.

**Indicative Text(s):**

- Dennis, Alan, Barbara Wixom, and Roberta Roth. 2015. *Systems Analysis And Design : An Object–Oriented Approach with UML*. 5th ed. Hoboken, NJ: Wiley.
- Greetham, B., 3rd edition, 2019 *How to Write your Undergraduate Dissertation*. Macmillan Study Skills
- Vickler, A., 2021. *Java*. New Mexico: Ladoo Publishing.

**Journals/Additional Texts**

- Bassot, B., 2015. *The Reflective Practice Guide*. Abingdon: Routledge.
- Bhatti, J., Corleissen, Z., Lambourne, J., Nunez, D. and Waterhouse, H., 2021. *Docs For Developers*. New York Apress.
- Cottrell, S., 2017. *Critical Thinking Skills Effective Analysis, Argument And Reflection*. Basingstoke: Palgrave.
- Hart, C., 2018. *Doing A Literature Review*. 2nd ed. London: Sage.
- Kendall, K. and Kendall, J., 2019. *Systems Analysis And Design*. 10th ed. Harlow: Pearson.

**Web Sites**

See syllabus for complete reading list

**Change Log for this CSD:**

Nature of Change	Date Approved & Approval Body (School or AB)	Change Actioned by Registry Services
Revision – annual update	May 2023	