

```
4 # 'prevent database truncation if the records are too big'
5 abort("The Rails environment is running in production mode!")
6 require 'spec_helper'
7 require 'rspec/rails'
8
9 require 'capybara/rspec'
10 require 'capybara/rails'
11
12 Capybara.javascript_driver = :webkit
13 Category.delete_all; Category.create(:name => 'Category')
14 Shoulda::Matchers.configure do |config|
  config.integrate do |int|
    int.with_test_framework :rspec
  end
end
```

OTHM Level 7 Diploma in Immersive Software Engineering

Qualification Number: 610/3058/2

Course Overview

The principal objective of the OTHM Level 7 Diploma in Immersive Software Engineering is to develop the knowledge skills, critical understanding necessary to design, develop, and evaluate immersive software engineering systems, which can be used to support research and innovation.

The qualification aims to equip learners with advanced-level knowledge and skills in immersive software engineering that can be applied to various domains such as Web & Cloud technologies, Security, Automation, Data analytics and Project methodologies. It also aims to develop learners' critical thinking and research skills to identify and address complex problems in the software engineering field.

OTHM has developed a suite of Level 7 Diploma qualifications. The qualifications provide learners with industry-specific and practical skills, enabling them to successfully apply their knowledge in the workplace, enhance their career prospects and allow progression to further study.

Key features of OTHM Level 7 qualifications

- A stimulating and challenging programme of study that will be both engaging and informative for learners.
- Learners can gain the essential subject knowledge needed to progress successfully into further study or the world of work.
- Refreshed content that is closely aligned with employer and higher education needs,
- Assessments that consider cognitive skills along with affective and applied skills.
- Learners will develop knowledge and academic study skills including active research skills, effective writing skills, analytical skills, creative problem-solving, decision-making, and digital literacy.

Upon successfully completing the OTHM Level 7 Diploma in Immersive Software Engineering learners will be able to:

Develop a critical understanding of immersive software engineering and design software systems that meet industry standards and user requirements. They potentially can evaluate software development methodologies, analyse and solve complex problems, and apply advanced programming skills using object-oriented programming languages and development tools. Learners will also critically evaluate the ethical and social implications of immersive software engineering and propose solutions that promote ethical and socially responsible practices. They can conduct independent research and communicate complex technical information effectively using appropriate media and presentation techniques. Learners will work collaboratively in a team environment, demonstrating effective leadership, communication, and interpersonal skills.

Mandatory units

- Security Engineering (20 credits)
- Software programming principles and practices in Java I (20 credits)
- Agile Project Management (20 credits)
- Cloud Computing & DevOps (20 credits)
- Database & SQL Programming (20 credits)
- Web Designing (20 credits)

Entry Requirements:

- Relevant level 6 diploma qualification or bachelor's degree or equivalent qualification from overseas
- Over the age of 21 years
- IELTS 5.5 or Pearson PTE 51 or CEFR B2 or equivalent if English is not your native language.





Assessment and Verification

All units within this qualification are internally assessed via assignments and externally verified by awarding organisation. There are no examinations in this course.

Course Material

Course material, including presentations; handouts, assignment briefs and e-books are made available to enrolled learners. In addition to this, the learners also get the course handbook and tutorial via emails to support the learning.

Online Learning

The learner sets the pace for learning and the courses are offered across an academic year basis. Although our tutors encourage the learners to make progress monthly, but this approach is flexible.

Progression

Learners who achieve this qualification could progress to a master's degree at the University. The learner can also progress to employment into a wide range of careers such as advertising, marketing, career counselling, education, human resources, police and social services or health professions.

Certification

The Diploma is issued by the OTHM - Awarding Organisation. UK Versity (DC1506132) is an accredited and approved delivery Centre for Qualification qualifications.

Fees £2500 + VAT

Short Study Visa route fees: £6500 for 24 weeks or 6 months.

* The fees include registration, assessment, teaching, and certification. There are no other hidden costs. Outside UK and EU learners, there is no VAT Applicable.

Key Facts

Awarding Body: OTHM Qualification

Course Duration: 6-9 months

Method of study: Distance Learning / Full Time

Qualification Level: 7

Disclaimer

We do everything we can to ensure that information on our website is correct, however details may change, and we cannot accept responsibility for errors or omissions. For more detailed information about the course visit -

<https://othm.org.uk/qualification/othm-level-7-diploma-in-immersive-software-engineering>



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