

MONASH Handbook University 程序代写代做 CS编程辅导





FIT3180 ianagement for

health informaticestutores

Assignment Project Exam Help

Email: tutorcs@163.com

Overview

QQ: 749389476

The aim of this unit is to examine the role of mormation and communication technologies (ICT), systems and hardware infrastructure that underpins secure delivery of the modern health services. Case studies of Picture Archive and Communication Systems (PACS) and Radiology Information Systems (RIS) will be covered more in depth, together with an overview of other health related software applications such as the Electronic Patient Record (EPR), medical classification schemas/ontologies, medical data standards and interoperability. The opportunities that new data analytics and artificial intelligence approaches offer to transform the modern healthcare will be reviewed in practical sessions. Students will also explore project and change management issues and learn how they impact efficiency of medical practice.

Faculty:

Owning organisational unit:

Faculty of Information Technology

Faculty of Information Technology

Study level:

SCA band:

Undergraduate

EFTSL:

Credit points:

0.125

Open to exchange or study abroad students?
Yes 程序代写代做 CS编程辅导

Offerings



S2-01-CLAYTON-ON-

Location: Clayton WeChat: cstutorcs

Teaching period: Second semester

Attendance mode: Assignment Project Exam Help

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Requisites

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Prerequisite

https://tutorcs.com

→ FIT1052 6 CP

Digital futures: IT shaping society

Contacts

Chief Examiner(s)

Pamela Spink

Email: Pamela.Spink@monash.edu

Offering(s):

· Applies to all offerings

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Learning outc

On successful completi



ould be able to:

1. Describe their obligations in relation to Patient Health Record Privacy and Security.

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2. Explain how health informatics functions across the wider health domain.

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3. Describe how interoperability and integration of clinical systems is achieved through implementation of medical ontologies.

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- **4.** Explain how knowledge of ICT terminology facilitates more effective outcomes for users of health services.
- 5. Critically evaluate the roles and interdependencies of the software applications of health information systems (eg. PACS/ HER, clinical decision support systems, RIS, and their relationship with other health 17 applications.
- **6.** Distinguish between the various components of the IT infrastructure including Network, Virtual Server environment and ICT support mechanisms.
- **7.** Apply the principles of Project Management and Change Management methodologies in their work.
- **8.** Analyse Business Continuity and Disaster Recovery Plans for their Health IT applications.

Teaching approach

Online learning

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Assessment

Tutorials Participation

Value %: 10



Individual weekly quizWeChat: cstutorcs

Value %: 15

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Value %: 25

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Assignment 1 (Case Study): Presentation ULL OF CS. COM

Value %: 20

Assignment 1 (Case Study): Report

Value %: 30

Scheduled teaching activities

Applied sessions

Total hours: 24 hours

Offerings:

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Workload requirements

Workload

Minimum total expected the learning outcomes for this unit is 144 hours per semester typically com heduled online and face to face learning activities and independent study. Independent study may include associated reading and preparation for scheduled teaching activities. WeChat: cstutorcs

Learning resources Assignment Project Exam Help

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Required resources

- Coronel, C., & Morris, Steven (2017). Database systems: Design, implementation, and management. (12th ed.). ISBN: 9781305627482; ISBN: 9781305886841 (electronic bk.)
- Coronel, C., & Marie, 1910 con /2019) Darpies Systems pesign, implementation, and management (13th ed.). ISBN 9781337627900

The Library also has limited copies of both editions 12 and 13, available for borrowing.

Recommended resources

This unit will make use of the Oracle 12 database running on a Monash server. All students will have an account on this server which will suffice for all database work this semester.

To access this server, students will need to install and run the Monash VPN software. The client software for accessing Oracle (SQLDeveloper) will be available in the labs. It will also be available via a download from the Moodle site for installation at home (very limited bandwidth) and also, after registration (free), from the Oracle site:

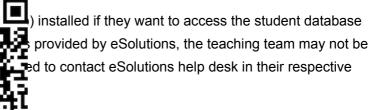
http://www.oracle.com/technology/software/products/sql/index.html.

Technology resources

Students must regularly程序可能的写响的影化 CS编程辅导

Students must have SQL Developer installed.

Students must have the from outside Clayton C able to provide full support campuses.



Availability in areas of study

Radiation sciences

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