PSYH4440

Psychology of Driving

Session 2, Special circumstance 2020

Department of Psychology

Contents

General Information 2

Learning Outcomes 3

General Assessment Information 3

Assessment Tasks 3

Delivery and Resources 5

Policies and Procedures 5

Changes from Previous Offering 7

Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

Notice

As part of Phase 3 of our return to campus plan, most units will now run tutorials, seminars and ot her small group learning activities on campus for the second half-year, while keeping an online ver sion available for those students unable to return or those who choose to continue their studies onli ne.

To check the availability of face-to-face and onlin e activities for your unit, please go to timetable vi ewer. To check detailed information on unit asses sments visit your unit's iLearn space or consult yo ur unit convenor.

General Information

Unit convenor and teaching staff
Julia Irwin
julia.irwin@mq.edu.au

Lecturer
Joanne Bennett
joanne.bennett@mq.edu.au

Lecturer
Ian Faulks
ian.faulks@mq.edu.au

Lecturer
Mel Taylor
mel.taylor@mq.edu.au

Credit points
10

Prerequisites

Corequisites
PSYH490 or PSHY4490 or PSYH495 or PSYH4495

Co-badged status

Unit description
This unit examines driving behaviour from a human factors perspective. Many of the factors that affect safe/unsafe driving are the same as those that affect occupational safety. Human error is regarded as a contributing factor in 70-90% of accidents in all walks of life, often brought about by poor human factors design. This unit will discuss how the factors of perception, attention, distraction, memory, fatigue, risk sensitivity, experience, and drugs - both prescribed and 'recreational' can affect driving. They will be looked at within the total context of user experience, their limitations and their predispositions. In the light of these insights we will discuss how a safer system can be designed to accommodate the fallibility of its users.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at https://www.mq.edu.au/study/calendar-of-dates

Learning Outcomes

On successful completion of this unit, you will be able to:

ULO1: Demonstrate knowledge of the human factors that contribute to road crashes among different road users

ULO2: Apply an understanding of how human, road environment, and vehicle factors interact as they contribute to road crashes

ULO3: Analyse the skills of road users by distinguishing between psychomotor, perceptual, and cognitive skills; and considering the influence of drugs, developmental, attitudinal, and motivational factors on these skills

ULO4: Apply theoretical models to conceptualise and explain the behaviour of road users

ULO5: Critically analyse the strengths and weaknesses of different techniques for studying road user behaviours

General Assessment Information

Attendance to all the lectures during the 4 days of the course is compulsory. In the event of unavoidable non-attendance then students must submit an “Application for Special Consideration” which requires documentation after 3 days of absence. See relevant course administrator for the appropriate form to complete (Donna Keeley).

The essay will be submitted via Turnitin link on iLearn page. Requests for extensions should be made via ask.mq.edu.au

Assessment Tasks

Name	Weighting	Hurdle	Due
Seminar presentation	35%	No	Week 12
Essay	55%	No	Week 13
Online Quiz	10%	No	During session 2

Seminar presentation

Assessment Type [1]: Presentation
Indicative Time on Task [2]: 40 hours
Due: **Week 12**
Weighting: **35%**

A 20 minute talk on a pre-approved chosen topic relevant to the content of the unit.

On successful completion you will be able to:

- Demonstrate knowledge of the human factors that contribute to road crashes among different road users
- Apply an understanding of how human, road environment, and vehicle factors interact as they contribute to road crashes
- Analyse the skills of road users by distinguishing between psychomotor, perceptual, and cognitive skills; and considering the influence of drugs, developmental, attitudinal, and motivational factors on these skills
- Apply theoretical models to conceptualise and explain the behaviour of road users
- Critically analyse the strengths and weaknesses of different techniques for studying road user behaviours

Essay

Assessment Type [1]: Essay
Indicative Time on Task [2]: 49 hours
Due: **Week 13**
Weighting: **55%**

A 2000 word essay, either (a) comparing and contrasting two journal articles on a topic relevant to those covered in the unit, OR (b) on a topic selected by the student in consultation with the unit convener.

On successful completion you will be able to:

- Demonstrate knowledge of the human factors that contribute to road crashes among different road users
- Apply an understanding of how human, road environment, and vehicle factors interact as they contribute to road crashes
- Analyse the skills of road users by distinguishing between psychomotor, perceptual, and cognitive skills; and considering the influence of drugs, developmental, attitudinal, and motivational factors on these skills
- Apply theoretical models to conceptualise and explain the behaviour of road users
- Critically analyse the strengths and weaknesses of different techniques for studying road user behaviours

Online Quiz

Assessment Type [1]: Quiz/Test
Indicative Time on Task [2]: 10 hours
Due: **During session 2**
Weighting: **10%**

An online multiple choice and short-answer quiz of approximately 20 questions covering the lecture topics.

On successful completion you will be able to:

- Demonstrate knowledge of the human factors that contribute to road crashes among different road users
- Apply an understanding of how human, road environment, and vehicle factors interact as they contribute to road crashes
- Analyse the skills of road users by distinguishing between psychomotor, perceptual, and cognitive skills; and considering the influence of drugs, developmental, attitudinal, and motivational factors on these skills
- Apply theoretical models to conceptualise and explain the behaviour of road users
- Critically analyse the strengths and weaknesses of different techniques for studying road user behaviours

---

[1] If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the Writing Centre for academic skills support.

[2] Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

Lectures will be presented on three continuous days of the unit (June 29th, June 30th and July 1st). Powerpoint slides of the lectures and any relevant additional readings will be available on the iLearn website. Recordings of Zoom lectures will be published on iLearn Echo

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (https://staff.m

q.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- Academic Appeals Policy
- Academic Integrity Policy
- Academic Progression Policy
- Assessment Policy
- Fitness to Practice Procedure
- Grade Appeal Policy
- Complaint Management Procedure for Students and Members of the Public
- Special Consideration Policy *(**Note:** The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.)*

Students seeking more policy resources can visit the Student Policy Gateway (https://students.mq.edu.au/support/study/student-policy-gateway). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

If you would like to see all the policies relevant to Learning and Teaching visit Policy Central (https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: https://students.mq.edu.au/study/getting-started/student-conduct

Results

Results published on platform other than eStudent, (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in eStudent. For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Student Support

Macquarie University provides a range of support services for students. For details, visit http://students.mq.edu.au/support/

Learning Skills

Learning Skills (mq.edu.au/learningskills) provides academic writing resources and study strategies to help you improve your marks and take control of your study.

- Getting help with your assignment
- Workshops
- StudyWise

- Academic Integrity Module

The Library provides online and face to face support to help you find and use relevant information resources.

- Subject and Research Guides
- Ask a Librarian

Student Services and Support

Students with a disability are encouraged to contact the Disability Service who can provide appropriate help with any issues that arise during their studies.

Student Enquiries

For all student enquiries, visit Student Connect at ask.mq.edu.au

If you are a Global MBA student contact globalmba.support@mq.edu.au

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the Acceptable Use of IT Resources Policy. The policy applies to all who connect to the MQ network including students.

Changes from Previous Offering

The lectures will be delivered via Zoom rather than face to face