

**CHARLES STURT UNIVERSITY**  
**(Australia)**

CHARLES STURT UNIVERSITY:

FACULTY OF HEALTH STUDIES

BACHELOR OF SOCIAL SCIENCE (EMERGENCY MANAGEMENT)

14. SUBJECT OUTLINES

Outlines for those subjects not yet approved by the Academic Senate are attached. The following subjects have been exclusively developed for the course and all have been previously accredited by the University of Tasmania (excluding EMG306 and EMG307).

EMG100	Introduction to Emergency Management
EMG101	Emergency Management Planning I
EMG102	Emergency Management Planning II
EMG103	Emergency Management Planning III
EMG201	Emergency Management Planning IV
EMG202	Emergency Operations Management I
EMG203	Emergency Operations Management II
EMG204	Emergency Operations Management III
EMG205	Emergency Operations Management IV
EMG301	Emergency Recovery Management I
EMG302	Emergency Recovery Management II
EMG303	Emergency Recovery Management III
EMG304	Emergency Recovery Management IV
EMG305	Readings in Emergency Management
EMG306	Independent Study in Emergency Management

A new subject, PSY2XX Disaster Psychology, to be offered by the Faculty of Arts, will be approved by its Faculty Board in due course. This new subject will not be offered in the course until Spring Session 1997.

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (PART 1)

Code: EMG100

Title: Introduction to Emergency Management

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Abstract: This subject examines the scope and diversity of Emergency Management and its various functions. The subject also focuses on the theory and concepts of emergency prevention, preparedness, response and recovery, the roles and functions of the key organizations in Emergency Management and the dynamics that occur in their inter-relationships.

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Credit Points: 8

Prerequisite: Nil

Objectives: On completion of this subject students should be able to:

- Describe the nature of an emergency and disaster and the distinctions between each.
- Explain the framework for Emergency Management, prevention preparedness, response and recovery, including the effects of emergencies/disasters.
- Justify the need for emergency/disaster management.
- Explain emergency prevention.
- Describe the concepts of command and control.
- Analyze the effects of the human factor in emergencies/disasters.
- Provide a rationale for integrated Emergency Management and emergency legislation.

Content: Topics covered:

- Legislation and regulations relevant to Emergency Management
- Emergency Management arrangements
- The emergency manager
- Emergency Management problems
- Emergency prevention
- Communications in emergencies
- Media in emergencies
- Hazard analysis
- Emergency Management planning
- Human factors in Emergency Management
- The recovery manager
- Command and control
- Local Government response to emergencies
- Roles of Emergency Services

Assessment: Completion of written exercises which are individually criterion assessed.

Teaching Strategies: Readings, notes, study guides and telephone tutorials.

Prescribed Texts:

Carter, W.N. (1991) Disaster Management - A Disaster Manager's Handbook, Asian Development Bank, Manila.

Natural Disasters Organization (1992) Hazards, Disasters and Survival: A Booklet for Schools and the Community, N.D.O Canberra.

Recommended Reading:

Journals:

National Emergency Response, Australian Institute of Emergency Services.

International Journal of Mass Emergencies and Disasters, Research Committee on Disasters, Delaware, USA.

Disaster Management, FMJ International Publications Ltd, Surrey, England.

Disasters, The Journal of Disaster Studies and Management, Overseas Development Inst. London, England.

Disaster Prevention and Management, An International Journal, MCB University Press, Bradford, England.

(These journals are available from the Tasmania SES Library in Hobart and from the Mt Macedon Library. Students have inter-loan access to these specialised Libraries.)

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (PART 1)

Code: EMG101

Title: Emergency Management Planning I

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Abstract: This subject provides the skills and knowledge to produce a hazard analysis for a community/enterprise. This will include developing an understanding of hazard identification, hazard characteristics, community characteristics, interaction consequences and vulnerability.

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Credit Points: 8

Prerequisite: EMG100

Objectives: On completion of this subject students should be able to:

Identify the hazards relating to a community/enterprise.

Specify the characteristics of hazards, including appropriate specific hazard descriptions.

Specify the characteristics of a community/enterprise, including appropriate specific community/enterprise descriptions.

Determine the impact of hazards on a community/enterprise.

Describe and apply the concept of vulnerability assessment.

Review a vulnerability assessment process.

Content: Topics covered:

- The hazard analysis process
- Hazard identification
- Hazard description
- Community/enterprise description
- Vulnerability assessment
- Perception of risk
- Hazard prioritization

Assessment: Completion of written assignments which are individually criterion assessed.

Teaching Strategies: Readings, notes, study guides and telephone tutorials

Prescribed Texts:

Asian Development Bank (1991) Disaster Mitigation in Asia and the Pacific, Asian Development Bank, Manila.

Carter, W.N. (1991) Disaster Management - A Disaster Manager's Handbook, Asian Development Bank, Manila.

Natural Disasters Organization, Canberra, (1992) Australian Emergency Manual - Community Emergency Planning Guide, Natural Disasters Organization, Canberra.

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (PART 1)

Code: EMG102

Title: Emergency Management Planning II

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Abstract: In this subject students will gain the skills and knowledge to describe how and why people behave the way they do, particularly in emergency situations. When applied, these skills will enable the student to be a more effective communicator and manager of people in the planning, response and recovery stages of Emergency Management.

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Credit Points: 8

Prerequisite: EMG101

Objectives: On completion of this subject students should be able to:

- Describe the theory and concepts of temperament profiling.
- Identify the temperament profiles of individuals.
- Develop appropriate communication strategies for interacting with individuals, particularly in emergency situations.

Content: Topics covered:

- Temperament theory
- Temperament components
- Temperament combinations
- Case study applications
- Behavior management
- Case study analyses

Assessment: Completion of written assignments which are individually criterion assessed.

Teaching Strategies: Readings, notes, study guides and telephone tutorials.

Prescribed Texts: There are no prescribed texts for this subject. All of the material required is provided in the readings and notes.

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (PART 1)

Code: EMG103

Title: Emergency Management Planning III

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Abstract: This subject introduces Emergency Management planning. It examines the planning process, the specification of Emergency Management needs, resource availability, needs ratification, organizational design, the selection of Emergency Management strategies and planning implementation.

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Credit Points: 8

Prerequisite: EMG101

Objectives: On completion of this subject students should be able to:

- Describe the relevance of emergency planning to Emergency Management.
- Analyze the content and context of emergency planning.
- Explain the techniques of emergency planning.
- Select Emergency Management strategies.
- Determine Emergency Management situations derived from their vulnerability/hazard analysis.

Content: Topics covered:

- Hazard analysis and Emergency Management planning
- Review of hazard analysis
- Principles of Emergency Management planning
- Project definition
- Formation of a planning group
- Resource requirements and resource availability for effective Emergency Management
- Formulation of an Emergency Management plan

Assessment: Completion of written assignments which are individually criterion assessed.

Teaching Strategies: Readings, notes, study guides and telephone tutorials.

Prescribed Texts:

Asian Development Bank (1991) Disaster Mitigation in Asia and the Pacific, Asian Development Bank, Manila.

Carter, W.N. (1991) Disaster Management - A Disaster Manager's Handbook, Asian Development Bank, Manila.

Natural Disasters Organization, Canberra, (1992) Australian Emergency Manual - Community Emergency Planning Guide, Natural Disasters Organization, Canberra

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (PART 1)

Code: EMG201

Title- Emergency Management Planning IV

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Abstract: In this subject students will gain the skills and knowledge to be able to develop standard operating procedures for the management of emergency situations, define the relationship of standard operating procedures to their Emergency Management Plans, identify training requirements and write exercises to test their plans.

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Credit Points: 8

Prerequisite: EMG103

Objectives: On completion of this subject students should be able to:

- Define standard operating procedures for the management of emergency situations.
- Produce standard operating procedures.
- Identify training requirements.
- Specify the need for training and education.
- Write an exercise to test their Emergency Management plan.



Content:

- Standard operating procedures framework
- Production of sample standard operating procedures
- Identification of the training required
- Management of the training and education
- Validation of the Emergency Management plan

Assessment: Completion of written exercises which are individually criterion assessed.

Teaching Strategies: Readings, notes, study guides and telephone tutorials.

Prescribed Texts:

Natural Disasters Organization, (1991) Community Emergency Planning Guide, Canberra, ACT,  
Natural Disasters Organization (CPN Publications).

Recommended Reading:

Journals:

National Emergency Response, Australian Institute of Emergency Services.

International Journal of Mass Emergencies and Disasters, Research Committee on Disasters,  
Delaware, USA.

Disaster Management, FMJ International Publications Ltd, Surrey, England.

Disasters, The Journal of Disaster Studies and Management, Overseas Development Inst.  
London, England.

Disaster Prevention and Management, An International Journal, MCB University Press,  
Bradford, England.

(These journals are available from the Tasmania SES Library in Hobart and from the Mt  
Macedon Library. Students have inter-loan access to these specialized Libraries.)

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (PART 1)

Code: EMG202

Title: Emergency Operations Management I

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Abstract: In this subject students will enhance their understanding of current emergency operations management and specifically what actions could be taken during the pre-impact phase of any emergency. The subject will cover current legislation, emergency prevention, communications during emergencies, the three phases of an emergency and current pre-impact arrangements.

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Credit Points: 8

Prerequisite: EMG201

Objectives: On completion of this subject students should be able to:

Write a report on a previous emergency/disaster.

Describe the preventative and or mitigating actions or contributory actions relating to a previous emergency/disaster.

Specify the implications arising from an analysis of a previous emergency/disaster.

Content:

Legislation and regulations relating to a previous emergency/disaster

Emergency prevention/mitigation

Communications during emergencies

The three phases of an emergency

Current pre-impact arrangements

Emergency prevention and community perception of risk

Assessment: Completion of written assignments which are individually criterion assessed.

Teaching Strategies: Readings, notes, study guides and telephone tutorials.

Prescribed Texts:

Comfort, L.K. (Ed) (1988) *Managing Disaster: Strategies and Policy Perspectives*, Durham: Duke UP.

Britton, N. (1983) *The Bushfires in Tasmania, Feb. 1982. How the Disaster Related Organizations Responded*. Townsville: Centre for Disaster Studies, James Cook University of North Queensland.

Department of Social Security, (1981) *Queensland Flood Report Australia Day 1974*, Canberra: AGPS.

Recommended Texts:

Auf der Heide, E. (1989) Disaster Response: Principles of Preparation and Coordination, St. Louis: CV Mosby Company.

Asia Development Bank, (1992) Disaster Mitigation in Asia and Pacific. Manila, Asia Development Bank.

Office of the United Nations Disaster Relief Coordinator, (1984), Preparedness Aspects: Disaster Prevention and Mitigation, New York: United Nations.

Whittow, J. (1979), Disasters: The Anatomy of Environmental Hazards, Athens, The University of Georgia Press.

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (PART 1)

Code: EMG203

Title: Emergency Operations Management II

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Abstract: This subject allows students to develop further their understanding of the roles, responsibilities and authority of the Emergency Services and specifically what actions could be taken during the impact phase of an emergency/disaster.

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Credit Points: 8

Prerequisite: EMG202

Objectives: On completion of this subject students should be able to:

- Describe the impact phase of an actual emergency/disaster.
- Outline the roles and responsibilities of the organizations involved in an actual emergency/disaster.
- Detail the command and control responsibilities during the impact phase of an actual emergency/disaster.
- Describe the activities of the emergency operations centers.

Content: Topics to be covered:

- Emergency event impact phase
- Roles and responsibilities of emergency services
- Command and control during an emergency/disaster
- Emergency operations centres
- Evacuation protocols, procedures and implications
- Media management
- External operational aid
- Managing and coordinating resources

Assessment: Completion of written exercises which are individually criterion assessed.

Teaching Strategies: Readings, notes, study guides and telephone tutorials.

Prescribed Texts:

Auf der Heide, E. (1990) *Disaster Response: Principles of Preparation and Coordination*, St Louis, CV Mosby Company.

Comfort, K. (Ed), (1988) *Managing Disaster: Strategies and Policy Perspectives*, Durham, Duke UP.

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (PART 1)

Code: EMG204

Title: Emergency Operations Management III

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Abstract: This subject analyzes how an actual emergency/disaster was managed and what appropriate changes or initiatives could be enacted to enhance the future management of a similar emergency/disaster.

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Credit Points: 8

Prerequisite: EMG203

Objectives: On completion of this subject students should be able to:

Analyze the operational management implications of an actual emergency/disaster for the future management of similar emergencies/disasters in the context of:

- impact phase of the actual emergency/disaster;
- the roles and responsibilities of the organizations involved in the actual emergency/disaster;
- the command and control responsibilities experienced during the impact phase of the actual emergency/disaster; and
- the activities of the emergency operations centres.

Content: Topics to be covered:

Emergency event impact phase  
Roles and responsibilities of emergency services  
Command and control during an emergency/disaster  
Emergency operations centres  
Evacuation protocols, procedures and implications  
Media management  
External operational aid  
Managing and coordinating resources

Assessment: Completion of written exercises which are individually criterion assessed.

Teaching Strategies: Readings, notes, study guides and telephone tutorials.

Prescribed Texts:

Auf der Heide, E. (1990) Disaster Response: Principles of Preparation and Coordination, St Louis, CV Mosby Company.

Comfort, K. (Ed), (1988) Managing Disaster: Strategies and Policy Perspectives, Durham, Duke UP.

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (Part 1)

Code: EMG205

Title: Emergency Operations Management IV

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Abstract: In this subject students will analyze the specific actions that should be taken during the post impact phase of an emergency to facilitate its effective management.

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Credit Points: 8

Prerequisite: EMG203

Objectives: On completion of this subject students should be able to:

- Provide a general description of the post impact phase of an emergency/disaster.
- Outline the victim registration process.
- Examine casualty management.
- Describe the Community and Health Services contribution.
- Understand the stress effects.
- Analyze how the cost accounting was conducted.
- Summarize the post impact phase and describe its significance.

Content:

- Post impact phase
- Victim registration
- Casualty management
- Community and Health Services
- Stress effects
- Cost accounting

Assessment: Completion of written exercises which are individually criterion assessed.

Teaching Strategies: Readings, notes, study guides and telephone tutorials.

Prescribed Texts:

Auf der Heide, E. (1990) *Disaster Response: Principles of Preparation and Coordination*, St Louis, CV Mosby Company.

Comfort, L.K. (Ed), (1988) *Managing Disaster: Strategies and Policy Perspectives*, Durham, Duke UP.

Recommended Texts:

Keller, A.Z. and Wilson, H.C. (Eds), (1990) *Disaster Prevention: Planning and Limitation*, London, The British Library.

Pan American Health Organization, (1984) Emergency Health Management After Natural Disaster, Pan American Health Organization, Washington.

Withers, J. (1988) Major Industrial Hazards, The Appraisal and Control, Aldershot UK, Gower Technical Press.

State Disaster Plans for Victoria, NSW and Tasmania, State Government Printers.

Dumfries and Galloway Regional Service, (1991) Lockerbie: A Local Authority Response to the Disaster, Easingwold, Yorks, UK Home Office Emergency Planning.

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (PART 1)

Code: EMG301

Title: Emergency Management Recovery I

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Abstract: This subject introduces students to the principles and practices of recovery management including the recovery needs of a community/enterprise, the recovery services that are available and how they might be activated and issues associated with recovery and restoration after an emergency/disaster.

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Credit Points: 8

Prerequisite: EMG205

Objectives: On completion of this subject students should be able to:

- Define what is meant by a “community.”
- Understand principles of recovery.
- Outline the recovery process.
- Describe what happens to communities during emergencies.

Content:

- Definitions and concepts of communities
- What happens to communities in emergencies
- Principles of recovery (including history and evolution)
- The recovery process
- Recovery services
- Recovery needs of a community/enterprise

Assessment: Completion of written exercises which are individually criterion assessed.

Teaching Strategies: Readings, notes, study guides and telephone tutorials.

Prescribed Texts:

May, P.I. (1985) *Recovering from Catastrophes: Federal Disaster Relief Policy and Politics*, Westport, Connecticut, Greenwood Press.

Raphel, B. (1989) *When Disaster Strikes: How Individuals and Communities Cope with Catastrophe*, New York, Basic Books.

Hass, J., Kates, R. and Bowden, M.J. (Eds), (1977) *Reconstruction Following Disaster*, Cambridge Mass., MIT Press.

Recommended Texts:

Drabek, T.E. (1986) *Human Systems Responses Disaster: An Inventory of Sociological Findings*, New York, Springer Verlag.

Dynes, R., De Marchi, B. and Pelanda, C. (1987) *Sociology of Disasters: Contribution of Sociology to Disaster Research*, Milan, Angeli.

Health and Welfare Canada (1987) *Guide book for Managers Educators in the Emergency Welfare Services Program*, Ottawa, Health and Welfare, Canada.

Friesema, P. (1979) *Aftermath Communities After Natural Disasters*, Beverly Hills, California, Sage.

Reid, J.I. (1980) *Planning for People in Natural Disasters*, Townsville, James Cook University, Department of Behavioral Science.

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (PART 1)

Code: EMG302

Title: Emergency Management Recovery II



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Abstract: In this subject, students develop a more comprehensive understanding of the impact of trauma on communities, industry and individuals and the range of strategies for minimizing trauma following an emergency/disaster.

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Credit Points: 8

Prerequisite: EMG301

Objectives: On completion of this subject students should be able to:

- Use the community review process.
- Analyze the social characteristics of a community.
- Describe the infrastructure of a community.
- Understand the impact of trauma on communities, industry and individuals.
- Specify the needs that result from considering the impact of the trauma following an emergency/disaster.

Content:

- Processes for the description of a community
- Social and physical characteristics of a community
- Impact of trauma on communities, industry and individuals
- Recovery capabilities of a community

Assessment: Completion of written exercises which are individually criterion assessed.

Teaching Strategies: Readings, notes, study guides and telephone tutorials.

Prescribed Texts: Dynes, R., De Marchi, B. and Pelanda, C. (1987) *Sociology of Disasters: Contribution of Sociology to Disaster Research*, Milan, Angeli.

Recommended Texts:

Friesema, P. (1979) *Aftermath Communities After Natural Disasters*, Beverley Hills, California, Sage.

Oliver, J. (1980) *Caring for the Community in Disaster Situations: The Long Term Aspects*, Townsville, James Cook University.

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (PART 1)

Code: EMG303

Title: Emergency Management Recovery III

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Abstract: This subject focuses on the impact of trauma on communities, industry, community infrastructure, groups and individuals in the context of needs that emerge following an emergency. Students compare the current shape of an actual community with that of another to highlight the differences in the recovery capability of communities.

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Prerequisite: Completion of an appropriate research methods subject.

Objectives: After completing this subject, students should have learned to apply their knowledge of Emergency Management to their chosen area of independent study. Competence will be demonstrated by their ability to:

- determine a suitable area of independent study
- develop a proposal
- plan the independent study
- carry out the study
- analyze data and/or information
- write a report

Content: A pre-requisite knowledge of the planning, operations and recovery stages of Emergency Management. This subject requires an application of this knowledge to the exploration of an independent area of study.

Assessment: The independent study proposal and report will constitute the assessment items in this subject.

Teaching Strategies: Self-directed learning principles; students will be supervised by an appropriate staff member.

Prescribed Texts: No set text.

Quarantelli, E. (1979) *The Consequence of Mental Health: Conflicting Views*, Ohio, Disaster Research Centre Ohio State University.

Oliver, J. (1980) *Caring for the Community in Disaster Situations: The Long Term Aspects*, Townsville, James Cook University.

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (PART 1)

Code: EMG305

Title: Readings in Emergency Management

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Abstract: In this subject, students study the latest advances in Emergency Management by undertaking and reporting on a comprehensive literature search and analysis of recent scientific and technological advances influencing the management of emergency situations.

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Credit Points: 16

Prerequisite: Completion of an appropriate research methods subject.

Objectives: On completion of this subject students should:

- be aware of recent scientific and technological advances in the management of emergency situations.
- have identified specific research and literature on recent advances in emergency management.
- have analyzed a comprehensive range of research and literature on recent advances in emergency management and have written an article suitable for submission to an appropriate professional journal.

Content: A pre-requisite knowledge of the planning, operations and recovery stages of Emergency Management. This subject requires an application of this knowledge.

A selection of recent scientific and technological advances in one of the following areas:

- Emergency Management Planning
- Emergency Operations Management
- Emergency Recovery Management

Development of literature review skills.

Presentation of findings in a well constructed paper that may be published.

Assessment: Project plan, literature review, final presentation.

Teaching Strategies: Self-directed learning principles; students will be supervised by an appropriate staff member.

Prescribed Texts: No set text.

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (PART 1)

Code: EMG306

Title: Independent Study in Emergency Management

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Abstract: In this subject students apply their knowledge of Emergency Management by identifying an area of independent study and presenting their findings in the form of a project report. Students are required to develop an independent study proposal under the guidance of a supervisor, to plan and to carry out the study and to present the findings.

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Credit Points: 16

Credit Points: 8

Prerequisite: EMG301

Objectives: On completion of this subject students should be able to:

Use the community review process to compare two different communities.

Analyze the differences in social characteristics and infrastructure between these two communities.

Understand the impact of trauma on two communities by comparing the distinctions between them.

Analyze the differences in needs that result from considering the impact of trauma in two communities.

Content:

Community review process to compare two different communities

Social and physical characteristics of these two communities

Impact of trauma

Recovery capability

Assessment: Completion of written exercises which are individually criterion assessed.

Teaching Strategies: Readings, notes, study guides and telephone tutorials.

Prescribed Texts:

Dynes, R., De Marchi, B. and Pelanda, C. (1987) *Sociology of Disasters: Contribution of Sociology to Disaster Research*, Milan, Angeli.

Recommended Texts:

Frieseema, P. (1979) *Aftermath Communities After Natural Disasters*, Beverley Hills, California, Sage.

Oliver, J. (1980) *Caring for the Community in Disaster Situations: The Long Term Aspects*, Townsville, James Cook University.

CHARLES STURT UNIVERSITY

SUBJECT APPROVAL PROFORMA (PART 1)

Code: EMG304

Title: Emergency Management Recovery IV

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Abstract: In this subject students will develop an understanding of the strategies to be implemented to assist a community to recover after an emergency/disaster including the restoration of the infrastructure of a community/enterprise.

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Credit Points: 8

Prerequisite: EMG303

Objectives: On completion of this subject students should be able to:

- Examine the impact of threats to the community/enterprise following an emergency/disaster.
- Detail the recovery management needs.
- Prioritize the recovery management needs.
- Integrate contemporary community development concepts in their recommendations for enhancing community recovery capabilities.

Content:

- Specification of needs from an impact assessment
- Consideration of recovery management needs

Prioritization of needs  
Consideration of strategy development options  
Functions and dynamics of communities

Assessment: Completion of written exercises which are individually criterion assessed.

Teaching Strategies: Readings, notes, study guides and telephone tutorials.

Prescribed Texts:

Sinclair, P. (1990) Nyngan Flood Disaster April-May 1990, NSW Premier's Report, Sydney, New South Wales Government.