**Department of Disaster Management & Development Studies, University of Balochistan, Quetta**

**DMDS- 431: Basic Principles of Disaster Planning and Management**

**B.S. DMDS (Semester III, Session: 2018-2021)**

**Course outline & Lesson Plan for online classes Credit hours: 03**

**Course Introduction**

* The **“Basic Principles of Disaster Planning and Management”** is an essential and core subject for understanding, the basic concepts and knowledge related to disaster management. This course provides opportunities for students to understand, the practices of planning and management before, during and after a disaster. **“Basic Principles of Disaster Planning and Management”** is one of the most commonly used subject in the field of disaster management. So a basic understanding of its various sections and procedures is very fundamental for student’s learning and understanding.

**Course Objectives**

This course is designed to:

* Enhance student’s understanding of various steps and procedures of disaster management activities.
* Enhance student’s competence dealing the disaster management activities with proactive approach.
* Develop student’s understanding, that how disaster can be managed with reactive approach.

**Course Learning Outcomes:**

Upon Successful completion of this course, the student will be able to:

* **Understand** the basic concepts of disaster management, disaster risk, vulnerability, capacity, disaster risk situation, impacts and evolution of disaster management.

**COURSE CONTENTS:**

**Topic No. 1: Significance of Disaster Planning and Management**

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| **Main Topic** | **Sub Topics** | **Resources/ Materials** | **Time Required/No. of Classes** | **Assignments /Student’s Activity** |
| **Significance of Disaster Planning and Management**  |  | Lecture Notes/ Slides; Book Chapters,Video Recording | 2 classes 1.5 hour /class | Students need to submit an assignment about disaster planning and management in the context of Pakistan. |
| Concept of Planning  |
| Concept of Disaster Planning and Management  |
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**Topic No. 2: Disaster Management Cycle**

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| **Main Topic** | **Sub Topics** | **Resources/ Materials** | **Time Required/No. of Classes** | **Assignments /Student’s Activity** |
| **Disaster Management Cycle** | 1. Prevention
2. Mitigation
3. Preparedness
4. Impact
5. Response
6. Recovery
7. Development
 | Lecture Notes/ Slides; Book Chapters,Video Recording | 2 classes 1.5 hour /class | What are the mitigation measures of different natural disaster? Write each one in detail |

**Topic No. 3: Planning Process**

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| **Main Topic** | **Sub Topics** | **Resources/ Materials** | **Time Required/No. of Classes** | **Assignments /Student’s Activity** |
| **Planning Process**  | 1. Types of Plan
2. Level of Plan
3. National and Provincial Disaster Management Plans
4. Elements at Risk
 | Lecture Notes/ Slides; Book Chapters,Video Recording | 2 classes 1.5 hour /class | No Assignments |

**Topic No. 4: Legal and Administrative Structure for Disaster Management in Pakistan**

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| **Main Topic** | **Sub Topics** | **Resources/ Materials** | **Time Required/No. of Classes** | **Assignments /Student’s Activity** |
| **Legal and Administrative Structure for Disaster Management in Pakistan**  | 1. National Disaster Management Acts
2. National Disaster Management Policies
3. Administrative Structures
 | Lecture Notes/ Slides; Book Chapters,Video Recording | 2 classes 1.5 hour /class | Make an assignment about Pakistan’s national level policy for disaster management.  |

**Topic No. 5: ZModern Challenges in Disaster Management**

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| **Main Topic** | **Sub Topics** | **Resources/ Materials** | **Time Required Classes** | **Assignments /Student’s Activity** |
| **Modern Challenges in Disaster Management** | 1. Socio-Culture Challenges
2. Financial Constraints
3. Environmental Challenges
4. Administrative Structures
 | Lecture Notes/ Slides;  | 2 classes 1.5 hour /class | No Assignment.  |

**Text and Reference books:**

1. BIRKMANN, J. (2006) Measuring Vulnerability to Natural Hazards: Towards Disaster Resilient Societies. Tokyo, United Nations University Press.
2. BURTON, I.; Kates, R.W. and White, G.F. (1993) The Environment as Hazard, The Guildford Press, London, UK.
3. COLLINS, A.E. (2009) Disaster and Development, Routledge, London, UK.
4. CROUHY, Michel; Galai, Dan and Mark, Robert (2005) The Essentials of Risk Management. The McGraw Hill Co., New York, US.
5. DAMON, P. C. (2006) International Disaster Management. Butterworth-Heinemann.
6. DAMON, P. C. (2006) Introduction to International Disaster Management. Butterworth-Heinemann, UK.
7. DILLEY, Max (2005) Natural Disaster Hotspots: A Global Risk Analysis. World Bank and University of Columbia, US.
8. ELLIOT, J.E. (2006) An Introduction to Sustainable Development. Third Edition. Routledge, London UK.
9. HEWITT, K. (1997) Regions of Risk: A Geographical Introduction to Disaster. Harlow, Longman, New York, US.
10. LEWIS, J. (1999) Development in Disaster-Prone Places, IT Press, London, UK.

SMITH, Keith and Petley, David N. (2009) Environmental Hazards: Assessing Risk and Reducing Disaster‎. Rourledge, London, UK.