



## UNIVERSITI TEKNOLOGI MARA

### BDY642: WILDERNESS FIRST RESPONDER

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| <b>Course Name (English)</b>   | WILDERNESS FIRST RESPONDER <b>APPROVED</b>  |
| <b>Course Code</b>   | BDY642  |
| <b>MQF Credit</b>  | 3   |
| <b>Course Description</b>  | Wilderness first responder courses focus on teaching the students to assess a situation, improvise solutions using available resources to stabilize the patient and identify the best way to get the patient to definitive medical treatment. The course also provides students with understanding on importance of safe leaderships for biodiversity management profession.  |
| <b>Transferable Skills</b>   | 1. Able to apply the knowledge on the scope and services of the first responder<br>2. Communicate effectively the importance of early treatment during emergencies cases.<br>3. Apply the knowledge to practice safe leadership.  |
| <b>Teaching Methodologies</b>  | Lectures, Lab Work, Field Trip, Presentation  |
| <b>CLO</b>   | CLO1 Analyze problems in wilderness first responder by applying and acquiring knowledge and understanding of laws, theories and principles of wilderness first responder.<br>CLO2 Identify problems, propose research questions and hypothesis, design science investigations and defend the conclusion of investigations.<br>CLO3 Apply the scientific reasoning and critical thinking in providing solutions to authentic problems in the field of wilderness first responder.<br>CLO4 Apply managerial and entrepreneurial skills. |
| <b>Pre-Requisite Courses</b>   | No course recommendations   |
| <b>Topics</b>  |   |
| <b>1. Wilderness Medicine vs Urban Medicine</b><br>1.1) Negligence, Duty to act, Breach of duty, Physical/ Psychological |   |
| <b>2. Injury, Cause, Consent, Assault/Battery, Abandonment, Confidentiality</b><br>2.1) N/A                              |   |
| <b>3. Protection for Wilderness Leaders/Organization</b><br>3.1) N/A   |   |
| <b>4. Wilderness Medicine Protocol</b><br>4.1) N/A   |   |
| <b>5. Basic Life Support</b><br>5.1) N/A   |   |
| <b>6. Management of soft tissue injury such as a burn or wound</b><br>6.1) N/A   |   |
| <b>7. Responding to results of trauma</b><br>7.1) N/A  |   |
| <b>8. Prevention and/or treatment of blood-borne pathogens</b><br>8.1) N/A   |   |
| <b>9. Treatment of infectious diseases</b><br>9.1) N/A   |   |
| <b>10. Management of bone and joint injuries such as fractures, sprains, strains and dislocations</b><br>10.1) N/A       |   |

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| <b>11. Management of suspected head and or spinal injury</b><br>11.1) N/A |
| <b>12. Responding to the onset of sudden illness</b><br>12.1) N/A         |
| <b>13. Transport/evacuation planning and implementation</b><br>13.1) N/A  |
| <b>14. CPR</b><br>14.1) N/A   |

| Assessment Breakdown  | %      |
|-----------------------|--------|
| Continuous Assessment | 50.00% |
| Final Assessment      | 50.00% |

| Details of Continuous Assessment | Assessment Type | Assessment Description | % of Total Mark | CLO  |
|----------------------------------|-----------------|------------------------|-----------------|------|
|                                  | Practical       | n/a                    | 10%             | CLO3 |
|                                  | Presentation    | Communications         | 10%             | CLO4 |
|                                  | Test            | Test 1                 | 15%             | CLO1 |
|                                  | Test            | Test 2                 | 15%             | CLO2 |

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| <b>Reading List</b> | This Course does not have any book resources |
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| <b>Article/Paper List</b> | This Course does not have any article/paper resources |
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| <b>Other References</b> | <ul style="list-style-type: none"> <li>• n/a Forgey, W. W. 1999, <i>Wilderness Medicine: Beyond First Aid.</i>, Globe Pequot.</li> <li>• n/a Tilton, B. 2010, <i>Wilderness First Responder: How to recognize, treat and prevent emergencies in the backcountry.</i> , Globe Pequot.</li> <li>• n/a Jason, W. 2009, <i>Wilderness First Responder Course.</i>, Mountain Medicine.</li> <li>• n/a Eric, A.W. 2005, <i>A Comprehensive Guide to Wilderness and Travel Medicine.</i> , Adventure Medical Kit.</li> <li>• n/a Tod, S. 2005, <i>Wilderness Medicine- Practices and Practicals out on a limb.</i> , Wilderness Medicines Institute of NOLS.</li> </ul> |
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