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APPENDIX V

Preliminary Schedule

HR Training Program for Latin America and the Caribbean on Disaster Risk Reduction

**III International Urban Rescue Course I and II**

October 2-15, 2017

Santiago, Chile

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**Urban Search and Rescue Level 1 Schedule**

Site: National Firefighters Academy.

**Day 1** (Monday, October 2, 2017)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Time** | **Module** | **No. of Hours** | **No. of Academic Hours (\*)** | **Type** |
| **8:00 AM – 8:30 AM** | Opening and welcome | 0.5 |  | Room |
| **8:30 AM – 10:30 AM** | Firefighters of Chile | 2 | 2 | Room |
| **10:30 AM – 10:45 AM** | Break | 0.25 |  |  |
| **10:45 AM – 11:15 AM** | Introduction | 0.5 | 0.5 | Room |
| **11:15 AM – 12:45 PM** | Structures and collapses | 1.5 | 1.5 | Room |
| **12:45 PM – 1:45 PM** | Lunch | 1 |  | Training Center |
| **2:00 PM – 3:00 PM** | Incident command system | 1 | 1 | Room |
| **3:00 PM – 4:30 PM** | Search and rescue | 1.5 | 1.5 | Field |
| **4:30 PM – 4:45 PM** | Break | 0.25 |  |  |
| **4:45 PM – 6:45 PM** | Signs | 2 | 2 | Room |
| **6:45 PM – 7:15 PM** | Organization of camps | 0.5 | 0.5 | Training Center |
| **7:15 PM - 8:15 PM** | Organization of groups and dates for presenting and submitting the plan of action. End of the day | 1 | 1 | Room |
| **Total Hours** | | **12** | **10** |  |
| (\*) Academic hours per student. | | | |

**Day 2** (Tuesday, October 3, 2017)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Time** | **Module** | **No. of Hours** | **No. of Academic Hours (\*)** | **Type** |
| **7:00 AM – 8:00 AM** | Breakfast | 1 |  | Training Center |
| **8:00 AM – 8:30 AM** | Warm-up exercise | 0.5 | 0.5 | Training Center |
| **8:30 AM – 10:30 AM** | Observations and risk control | 2 | 2 | Room |
| **10:30 AM – 10:45 AM** | Break | 0.25 |  |  |
| **10:45 AM – 12:45 PM** | Moving heavy loads | 2 | 2 | Room |
| **12:45 PM – 1:45 PM** | Lunch | 1 |  |  |
| **2:00 PM – 3:00 PM** | Landslide control | 1 | 1 | Room |
| **3:00 PM – 5:00 PM** | Ropes, knots, and strips | 2 | 2 | Training Center |
| **5:00 PM – 5:15 PM** | Break | 0.25 |  |  |
| **5:15 PM – 6:15 PM** | Ropes, knots, and strips | 1 | 1 | Training Center |
| **6:15 PM – 6:45 PM** | Organization of camps and end of the day | 0.5 | 0.5 | Training Center |
| **Total Hours** | | **11.5** | **9** |  |
| (\*) Academic hours per student. | | | |

**Day 3** (Wednesday, October 4, 2017)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Time** | **Module** | **No. of Hours** | **No. of Academic Hours (\*)** | **Type** |
| **7:00 AM – 8:00 AM** | Breakfast | 1 |  | Training Center |
| **8:00 AM – 8:30 AM** | Warm-up exercise | 0.5 | 0.5 |
| **8:30 AM – 10:30 AM** | G1-A Organization at the scene and ICS | 1 | 2 |
| G1-B Landslide control | 1 |
| G2 Crane - Rescue with stairs - Mechanical advantages | 2 |
| G3-A Handling cutting tools | 1 |
| G3-B Handling and transport of stretchers | 1 |
| **10:30 AM – 10:45 AM** | Break | 0.25 |  |
| **10:45 AM – 12:45 PM** | G2-A Organization at the scene and ICS | 1 | 2 |
| G2-B Landslide control | 1 |
| G3 Crane - Rescue with stairs - Mechanical advantages | 2 |
| G1-A Handling cutting tools | 1 |
| G1-B Handling and transport of stretchers | 1 |
| **12:45 PM – 2:00 PM** | Lunch | 1.25 |  |
| **2:00 PM – 4:00 PM** | G3-A Organization at the scene and ICS | 1 | 2 |
| G3-B Landslide control | 1 |
| G1 Crane - Rescue with stairs - Mechanical advantages | 2 |
| G2-A Handling cutting tools | 1 |
| G2-B Handling and transport of stretchers | 1 |
| **4:00 PM – 4:15 PM** | Break | 0.25 |  |
| **4:15 PM – 5:30 PM** | Available | 1.25 | 1.25 |
| **5:30 PM – 6:00 PM** | Organization of camps and end of the day | 0.5 | 0.5 |
| **Total Hours** | | **23** | **8.25** |  |
| (\*) Academic hours per student. | | | |

**Day 4** (Thursday, October 5, 2017)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Time** | **Module** | **No. of Hours** | **No. of Academic Hours (\*)** | **Type** |
| **7:00 AM – 8:00 AM** | Breakfast | 1 |  | Training Center |
| **8:00 AM – 8:30 AM** | Warm-up exercises | 0.5 | 0.5 |
| **10:30 AM – 10:45 AM** | Break (\*\*) | 0.25 |  |
| **10:45 AM – 12:30 PM** | G1 Moving heavy loads | 4 | 4 |
| G2 Emergency props and shoring |
| G3 Ropes, knots, self-securing, lifelines |
| **1:00 PM – 2:00 PM** | Lunch | 1 |  |
| **2:00 PM – 6:00 PM** | G2 Moving heavy loads | 4 | 4 |
| G3 Emergency props and shoring |
| Ropes, knots, self-securing, lifelines |
| **6:00 PM – 6:30 PM** | Delivery of material | 0.5 | 0.5 |
| **6:30 PM – 6:45 PM** | Organization of camps and end of the day | 0.25 | 0.25 |
| **Total Hours** | | **11.05** | **9.25** |  |
| (\*) Academic hours by student. | | | |
| (\*\*) Break at the discretion of the group leaders. | | | |

**Day 5** (Friday, October 6, 2017)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Time** | **Module** | **No. of Hours** | **No. of Academic Hours (\*)** | **Type** |
| **7:00 AM – 8:00 AM** | Breakfast | 1 |  | Training Center |
| **8:00 AM – 8:30 AM** | Warm-up exercises | 0.5 | 0.5 |
| **10:30 AM – 10:45 AM** | Break (\*\*) | 0.25 |  |
| **10:45 AM – 12:30 PM** | G1 Moving heavy loads | 4 | 4 |
| G2 Emergency props and shoring |
| G3 Ropes, knots, self-securing, lifelines |
| **12:30 PM – 1:00 PM** | Delivery of material | 1 | 0.5 |
| **1:00 PM – 2:00 PM** | Lunch | 1 |  |
| **2:00 PM – 3:30 PM** | Written exam |  |  |
| **3:00 PM – 6:00 PM** | Practical exams | 3 | 3 |
| **6:00 PM – 7:00 PM** | Repositioning |  |  |
| **7:00 PM – 7:30 PM** | Conclusion and end of activities | 0.5 | 0.5 |
| **Total Hours** | | **11.25** | **8.5** |  |
| (\*) Academic hours by student. | | | |
| (\*\*) Break at the discretion of the group leaders. | | | |

**Day 6** (Saturday, October 7, 2017)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Time** | **Module** | **No. of Hours** | **No. of Academic Hours (\*)** | **Type** |
| **7:00 AM – 8:00 AM** | Breakfast | 1 |  |  |
| **8:00 AM – 12:30 PM** | Exercises | 4.5 | 4.5 | Field work |
| **12:30 PM – 1:30 PM** | Delivery of material | 1 | 1 | Field work |
| **1:30 PM – 2:00 PM** | Personal hygiene and changing clothes | 0.5 |  |  |
| **2:00 PM – 3:00 PM** | Lunch | 1 |  | Dining hall |
| **3:00 PM – 6:30 PM** | 5-Minute presentation and submission of plan of action. | 3.5 | 3.5 | Room |
| **6:30 PM – 7:30 PM** | Certification and closing of level 1 | 1 | 1 |  |
|  |  |  |  | Room |
|  |  |  |  |  |
| **Total Hours** | | **12.5** | **10** |  |
| (\*) Academic hours by student. | | | |

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| --- | --- |
| Total course academic hours | 55 hours |

**Urban Search and Rescue Level 2 Schedule**

Site: National Firefighters Academy.

**Day 1** (Monday, October 9, 2017)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Time** | **Module** | **No. of Hours** | **No. of Academic Hours (\*)** | **Type** |
| **7:00 AM – 8:00 AM** | Breakfast | 1 |  |  |
| **8:00 AM – 8:30 AM** | Warm-up exercise | 0.5 | 0.5 | Training Center |
| **8:30 AM - 9:30 AM** | Introduction Urban Rescue Level 2 | 1 | 1 | Room |
| **9:30 AM – 11:30 AM** | Search and rescue strategies | 2 | 2 | Room |
| **11:30 AM – 11:45 AM** | Break | 0.5 |  |  |
| **11:45 AM – 1:45 PM** | USAR group logistics | 2 | 2 | Room |
| **1:30 PM – 2:45 PM** | Field lunch | 1.5 | 1.5 | Room |
| **2:45 PM – 4:45 PM** | Technical search | 2 | 2 | Room |
| **4:45 PM – 5:00 PM** | Break | 0.25 |  | Room |
| **5:00 PM – 7:00 PM** | Dog search | 2 | 2 | Room |
| **7:00 PM – 8:30 PM** | 5-Minute presentation and submission of plan of action. | 1.5 | 1.5 | Room |
| **8:30 PM** | End of the day | 0.25 |  |  |
| **Total Hours** | | **14.5** | **12.5** |  |
| (\*) Academic hours per student. | | | |

**Day 2** (Tuesday, October 10, 2017)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Time** | **Module** | **No. of Hours** | **No. of Academic Hours (\*)** | **Type** |
| **7:00 AM – 8:00 AM** | Breakfast | 1 |  |  |
| **8:00 AM – 8:30 AM** | Warm-up exercise | 0.5 | 0.5 | Training Center |
| **8:30 AM – 10:30 AM** | Breaking and cutting | 2 | 2 | Room |
| **10:30 AM – 10:45 AM** | Break | 0.25 |  |  |
| **10:45 AM – 12:45 PM** | Mechanic and hydraulic equipment | 2 | 2 | Room |
| **12:45 PM – 1:45 PM** | Field lunch | 1 |  |  |
| **2:00 PM – 4:00 PM** | Camps | 2 | 2 | Room |
| **4:00 PM – 4:30 PM** | Break | 0.5 |  |  |
| **4:30 PM – 5:15 PM** | Rescue in ditches | 2 | 2 | Room |
| **5:15 PM – 6:15 PM** | Conclusion and end of activities | 1 | 1 | Training Center |
| **Total Hours** | | **12.25** | **9.5** |  |
| (\*) Real academic hours per student. | | | |

**Day 3** (Wednesday, October 11, 2017)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Time** | **Module** | **No. of Hours** | **No. of Academic Hours (\*)** | **Type** |
| **7:00 AM – 8:00 AM** | Breakfast | 1 |  | Training Center |
| **8:00 AM – 8:30 AM** | Warm-up exercise | 0.5 | 0.5 |
| **8:30 AM – 10:00 AM** | Bracing Level 2 | 5 | 5 |
| **10:00 AM – 10:30 AM** | Break | 0.5 |  |
| **10:30 AM – 11:30 AM** | Organization of groups | 1 | 1 |
| **11:30 AM – 1:30 PM** | G1 - Breaking and cutting | 2 | 2 |
| G2 - Moving heavy loads |
| G3 - Rescue in ditches |
| **1:30 PM – 2:30 PM** | Field lunch | 1 |  |
| **2:30 PM – 5:30 PM** | G1 - Breaking and cutting | 3 | 3 |
| G2 - Moving heavy loads |
| G3 - Rescue in ditches |
| **5:30 PM – 5:45 PM** | Break | 0.25 |  |
| **5:45 PM – 6:45 PM** | Delivery of material | 1 | 1 |
| **6:45 PM – 7:15 PM** | Conclusion and end of activities | 0.5 | 0.5 |
| **Total Hours** | | **15.75** | **13** |  |
| (\*) Academic hours per student. | | | |

**Day 4** (Thursday, October 12, 2017)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Time** | **Module** | **No. of Hours** | **No. of Academic Hours (\*)** | **Type** |
| **7:00 AM – 8:00 AM** | Breakfast | 1 |  | Training Center |
| **8:00 AM – 8:30 AM** | Warm-up exercise | 0.5 | 0.5 |
| **8:30 AM – 12:30 PM** | G3 - Breaking and cutting | 4 | 4 |
| G1 - Moving heavy loads |
| G2 - Rescue in ditches |
| **12:30 PM – 2:00 PM** | Field lunch |  |  |
| **2:00 PM – 3:00 PM** | G3 - Breaking and cutting | 1 | 1 |
| G1 - Moving heavy loads |
| G2 - Rescue in ditches |
| **3:00 PM – 3:15 PM** | Break and group rotation | 0.25 |  |
| **3:15 PM – 6:15 PM** | G2 - Breaking and cutting | 3 | 3 |
| G3 - Moving heavy loads |
| G1 - Rescue in ditches |
| **6:15 PM – 6:45 PM** | Delivery of material | 0.5 | 0.5 |
| **6:45 PM – 7:15 PM** | Conclusion and end of activities | 0.5 | 0.5 |
| **Total Hours** | | **10.75** | **9.5** |  |
| (\*) Academic hours per student. | | | |
| (\*\*) Break at the discretion of the group leaders. | | | |

**Day 5 (Friday, October 13, 2017)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Time** | **Module** | **No. of Hours** | **No. of Academic Hours (\*)** | **Type** |
| **7:00 AM – 8:00 AM** | Breakfast | 1 |  |  |
| **8:00 AM – 8:30 AM** | Warm-up exercise | 0.5 | 0.5 | Training Center |
| **8:30 AM – 10:30 AM** | G2 - Breaking and cutting | 2 | 2 |  |
| G3 - Moving heavy loads |  |
| G1 - Rescue in ditches |  |
| **10:30 AM – 11:30 AM** | Delivery of material | 1 | 1 |  |
| **11:30 AM – 1:00 PM** | Available | 1.5 | 1.5 |  |
| **1:00 PM – 2:00 PM** | Field lunch | 1 |  |  |
| **2:00 PM – 3:30 PM** | Written exam | 1.5 | 1.5 |  |
| **3:30 PM – 6:00 PM** | Practical exams | 2.5 | 2.5 |  |
| **6:00 PM – 7:00 PM** | Repositioning | 1 |  |  |
| **7:00 PM – 7:30 PM** | Conclusion and end of activities | 0.5 | 0.5 |  |
|  |  |  |  |  |
| **Total Hours** | | **12.5** | **9.5** |  |
| (\*) Academic hours per student. | | | |

**Day 6** (Saturday, October 14, 2017)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Time** | **Module** | **No. of Hours** | **No. of Academic Hours (\*)** | **Type** |
| **6:00 AM – 8:00 AM** | Night exercise | 2 | 2 | Outdoors |
| **7:00 AM – 8:00 AM** | Field breakfast | 1 |  |
| **8:00 AM – 12:30 PM** | Continuation of the exercise | 4.5 | 4.5 |
| **12:30 PM – 1:30 PM** | Delivery of material | 1 | 1 |
| **1:30 PM – 2:00 PM** | Personal hygiene and changing clothes | 0.5 |  |
| **2:00 PM – 3:00 PM** | Lunch | 1 |  | Dining hall |
| **3:00 PM – 6:00 PM** | 5-Minute presentation and plan of action. | 3 | 3 | Room |
| **5:00 PM – 5:15 PM** | Break | 0.25 |  |  |
| **6:00 PM – 7:00 PM** | Certification and closing | 1 | 1 | Room |
| **7:00 PM** | Free |  |  |  |
| **Total Hours** | | **14.25** | **11.5** |  |
| (\*) Academic hours per student. | | | |

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| --- | --- |
| Total course hours | 65.5 hours |