**ASSIGNMENT BRIEF 2023-2024**

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| Course Title: Health Service Skills | Module Title: Infection Prevention & Control |
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| Class: STA 1144 | Module code: 5N3734 |
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| Assessment Technique: Theory | Tutor: Suzanne Fitzpatrick |
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| Title: Learner Record | Weighting: 20% |
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| Guidelines  The learner record will be maintained by the student throughout delivery of the module. The learner record should include:  Please provise a clear summary of the role an functions of the local infection control members, a description of their role in outbreak managament. Include a summary on local policy on dress, staff health, travel associated infectons and policies for deaing with clean and soiled linen. (Mark 7%)  Identify the main blood borne viruses which pose a treat and the identify the methods that prevent the spread of Infection. Identify the local terminal cleaning procedure in a range of settings, such as an isolation room (Mark 7%.)  Examine the role of antibiotics and the importance of correct safe antibiotic use to avoid antibiotic resistance. Provide a clear understanding of the appropriate use of single use Items. (Mark 6%.  **Learning Outcomes 5, 7, 8, 10, & 11 (as outlined in the module descriptor).**  Evidence of this assessment technique may take the form of written or graphic or any combination of these. Any evidence must be provided in a suitable manner.  Pass A student must achieve a minimum of 50% to achieve a Pass.  Merit A student must achieve a minimum of 65% to receive a merit .  Distinction A student must achieve a minimum of 80% to achieve a distinction.  Issue Date: 19/03/24 Draft Date: 02/04/24 Submission Deadline:16/04/24  I confirm that I understand the assignment details outlined above and undertake to submit the assignment on or before the deadline given and to keep a copy of any written assignment submitted.  Student Name: Happines Malinga Date: 19/03/24 | |
| **ASSIGNMENT BRIEF 2023-2024**  **ASSIGNMENT SUBMISSION**  NB Assessments must not be submitted using poly-pockets.  I confirm that the work I hereby submit is my own unaided work.  Student name: Happines Malinga  **Tutor name|:**  Suzanne Fitzpatrick | |
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| **INFECTION PREVENTION & CONTROL**   |  |  |  | | --- | --- | --- | | **Learner Record Marking Scheme** | **Allocation Mark** | **Student**  **Mark** | | **Infection Control Team** | 2 |  | | **Local Policy on Dress** | 2 |  | | **Policies – Staff Health** | 2 |  | | **Travel Associated Infections** | 1 |  | | **Blood Borne Viruses** | 2 |  | | **Preventing the Spread of Infection** | 2 |  | | **Terminal Cleaning** | 3 |  | | **Antibiotics and avoidance of antibiotic resistance** | 4 |  | | **Single Use Items** | 2 |  | | **Total** | 20 |  | | |

This workbook is part of your Infection Prevention and Control Module.

It accounts for 20% of the overall mark for the module.

**Plagiarism Declaration**

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| **I confirm that this is my original work and I have acknowledged any sources used to produce this work.**  **Learner name: Happines Malinga** |

**Note:**

**Please ensure that all questions are answered Start each entry on a new page. Thank you and good luck**

**Learner Record Entry 1:**

**Topics: the role and functions of the local infection control team members, to include outbreak management, local policy on dress/uniform, staff health and travel associated infections.**

*The role of the infection prevention and control team is to monitor and advise staff, patients and visitors on preventing and controlling of infection.*

***Outbreak management****: in a hospital situation where outbreak of infection is suspected, the protocol would have to be followed, such as informing the doctor/nurse in charge of the patient and informing the infection control doctor or nurse.*

*The infection control team will then decide on whether affected patient must be transferred to single room and isolation.*

***Local policy on dress/uninform****. This is in place to ensure that staff attend work in suitable attire which is fit for the purpose and maintains the professional standard. At my workplace we have two supervisors who oversee and making sure that all stuff for the company is trained and well equipped before they send us out to look after clients in their homes, the also provide us with the personal protective equipment, and uniform. And standard procedures are put in place.*

*Examples:*

*Health care assistants should not wear uniform when traveling to work or wear jewellery as it can harbour harmful bacteria that can be transmitted from a health care assistant to a patient and cause infection in high groups.*

***The aim*** *is to ensure that us staff maintain a positive professional image, to enable easy identification of the role, so that the family and the client knows that you from the organisation. and to ensure that infection control and health and safety issues are addressed.*

*It is* ***the home care organisation’s responsibilities*** *to provide the proper uniform and personal protective protection to us employees and ensures that we are aware of the standards of dress within the policy, policies are implemented, monitored and enforced.*

***Employee’s responsibilities****: uniform provided by the company our responsibility is to wear and maintains it in a clean condition and in good repair, it must be changed daily, and washed separately in hot water, tumbled or line dried.*

*Staff health and travel associated with infection:*

**Description of Class Activities within the Infection Prevention & Control Classes** **(please include at least 100 words in this description)**

*In the infection prevention and control class the teacher Suzanne introduced the learner record assignment, she asks us to access Moodle and download the brief and the workbook that we need for Learner record assignment,* *she also gave us handout of the brief and the workbook. This was useful and beneficial when we were doing the assignments as some of the students do not have access to a laptop. The teacher explained that the topic above will be presented through class discussions. We then form the groups and brainstorm the topic ourselves, and when we finish, we will all have the discussion with the teacher, we also have PowerPoint slides, video and group work. she also gave us handout of the brief and the workbook. This was useful and beneficial when we were doing the assignments as some of the students do not have access to a laptop. The teacher explained that the topic above will be presented through class discussions. We then form the groups and brainstorm the topic on our own as students, and then we represent back to the teacher what we have learned and come up with different answers.*

**Descriptions of the challenges encountered and how you dealt with this**? . **(please include at least 50 words in this description**

*The challenges I have encountered when thinking about Learner record, I wasn’t sure what is expected of me to do, unlike the other assignments which were straight forward for me. Since I had lots of experience from my work previously, but with this one everything was new, I was confused with this one, I didn’t even know where to begin. Since this topic was something new to me. I had no experience with all of this, even though I have an experience working as a healthcare assistant previously. I found it hard to express my feelings, putting it into context, I found this overwhelming as it was a lot to take in, and I cannot multitask. I like to do one thing at the time. It had made me very anxious as I had other assignment to complete, but I have informed the teacher and ask her how I go about with this one, she was very helpful and guides me through it until I got the hang of it at the end.*

**Discuss your personal learning from this topic**. **(please include at least 500 words in this description**

*I have learned about the local infections control team which plays an important role of preventing and managing infections in the health care setting. With the organisation that I work for we have two I learned of a good hand hygiene practice, and the different types of hand hygiene to be utilised. The important and correct use of alcohol hand hygiene. And that the hand hygiene is the most important measures to prevent the spread of infections among patients.*

*I have learned and understand the important and correct use of personal protective protection (PPE). The important of performing hand hygiene before putting on personal protective equipment and the safely removing of personal protective equipment in the correct procedure and discarding it in a healthcare risk bag*.

*I have learned the about the important of local policy on dress/uniform and the procedures that needs to be in place at the workplace and staff health and travel associated infections.*

**Learner Record Entry 2:**

**Topics: The main blood borne viruses which pose a threat and the methods that prevent the spread of infections. Explore the local terminal cleaning procedure in a range of settings, such as an isolation room.**

**Description of Class Activities within the Infection Prevention & Control Classes. (please include at least 100 words in this description.**

*In the infection prevention and control class the teacher Suzanne introduced the learner record assignment, she asks us to access Moodle and download the brief and the workbook that we need for Learner record assignment, she also gave us handout of the brief and the workbook. This was useful and beneficial when we were doing the assignments, I have learned about the HIV, Hepatitis B and Hepatitis C are main blood borne viruses, they are transmitted though exposure of broken skin. Andi have about healthcare associated infections across acute and community are respiratory tract infections, skin and soft tissue infections, urine tract infections and blood stream infections. In the class we do practical work with the teacher showing us how to manage the blood and body fluids. And she also demonstrated the seven technique of hand hygiene and after we get to the same.*

**Descriptions of the challenges encountered and how you dealt with this**? . **(please include at least 50 words in this description.**

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**Discuss your personal learning from these topics**. . **(please include at least 500 words in this discussion.**

*I have learned that Hepatitis B, Hepatitis C and HIV are the three main blood borne viruses. They are transmitted through exposure of broken skin, mucous membranes or blood. To infected blood and body fluids, for examples during treatment using reused or non-sterile medical, dental or surgical equipment. And I have learned that healthcare associated infections, that are most common complication in health and social care settings for those being care for and their carers too. The most common healthcare associated infections across acute and community are respiratory tract infections* *skin and soft tissue infections, urine tract infections and blood stream. and that healthcare associated infections* *spread by direct and indirect contact, by droplets on the surfaces or through the air, they could be anywhere on the hands of a healthcare workers or on shared clinical equipment.*

*I have learned the methods to prevent the spread of infections, and that hands hygiene is the single most important action to take to prevent the spread of healthcare associated infection, it is the most important during an outbreak of infection or pandemic. By performing a good hand hygiene, I am protection the people I am caring for from acquiring infections micro-organisms from my hands.*

*I have learned that before entering the isolation room, I should gather all the personal protective equipment, put them on in the correct procedure before entering the room, isolation rooms in hospitals/ healthcare setting are specifically to house patient with highly contagious diseases. That’s why putting on the personal protective equipment is essential for protection.*

*Terminal cleaning of patient room includes, disinfection of the bed frame, pillow and all other room furniture, disposal of all opened and/ or contaminated non reusable items. Remove of suction containers for reprocessing or disposal, return of reusable equipment that requires disinfection and/ or sterilisation for reprocessing, decontamination all reusable clinical equipment.*

*Remove all reuseable items/equipment that require disinfection and sterilisation, for example respiration tubing.*

*Remove what is left of toiletries in the bathroom, Dispose of them a contamination bag.*

*Remove all contaminated articles from the room. Strip the bed and the place the bed and the linen and towel into one or more contamination begs to be sent for cleaning.*

*Prepare the disinfection solution before cleaning the room. Dilute the solution according to the instructions/hospital policy.*

*Spray the bed rails, mattress and pillow with disinfection. Wipe down the rails and allow the mattress to air dry and absorb the disinfectant. Throw away the disposable cloth.*

*Spray the disinfectant on shelving and other furniture in the room. Use a new cloth to wipe down the furniture, throw away when I am finished.*

*Using a new cloth clean the shower, sink countertops and toilet in the bathroom using the same disinfectant solution. Spray and wipe down the doorknob inside the bathroom, then spray and wipe down the doorknob outside the door when I walk out. Throw the cloth away.*

*Wipe down the monitors, electrical cords and IV poles with disposable cloth. Throw it away when I’m finished. These need special attention when cleaning to avoid saturation of the machines.*

*Gather all the contamination bags and place them by the entrance for easy remove when I leave the room.*

*Wash the floor, pour the disinfection solution into the bucket and use the mop to wash the floor. Begin at the furthest end of the room and make my way towards the door. Throw the mop head away when I am finished.*

*Wipe down the inside doorknob of the room. Remove all your protective gear, put everything into a contamination bag and leave the room with the bags. Wipe the outside doorknob and leave.*

*Although micro-organisms may be present on surface such as well and floors, unless visible soiled, they are rarely associated with the transmission of infections.*

*However, walls blinds and curtains should be washed periodically.*

*Curtains must be changed if the patient was on contact or droplet precautions.*

**Learner Record Entry 3:**

**Topics: Examine the role of antibiotics and the importance of correct and safe antibiotic use to avoid antibiotic resistance. Single use items.**

*Antibiotic are drugs used to treat or prevent some types of bacterial infection by killing bacteria or stopping them from growing. They are usually prescribed as tables or capsules that can be swallowed, but they can also came as liquid drinks.*

**Description of Class Activities within the Infection Prevention & Control Classes**. **(please include at least 100 words in this description.**

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Descriptions of the challenges encountered and how you dealt with this? . **(please include at least 50 words in this description.**

*The challenges I have encountered when thinking about Learner record, I wasn’t sure what is expected of me to do, unlike the other assignments which were straight forward for me. Since I had lots of experience from my work previously, but with this one everything was new, I was confused with this one, I didn’t even know where to begin. Since this topic was something new to me. I had no experience with all of this, even though I have an experience working as a healthcare assistant previously. I found it hard to express my feelings, putting it into context, I found this overwhelming as it was a lot to take in, and I cannot multitask. I like to do one thing at the time. It had made me very anxious as I had other assignment to complete, but I have informed the teacher and ask her how I go about with this one, she was very helpful and guides me through it until I got the hang of it at the* *end.*

Discuss your personal learning from this topic. . **(please include at least 500 words in this discussion.**

*I have learned that antibiotics are drugs use to treat infection caused by bacteria, they are powerful medication that treat certain infections and can save lives when used properly. They either stop bacteria from reproducing or destroy them. Before the bacteria can multiply and cause symptoms, the immune system can typically kill them, white blood cells attack harmful bacteria even if the symptoms occur the system can usually cope and fend off the infection. However, sometimes the number of harmful bacteria is excessive, and the immune system cannot clear them all. Antibiotics are useful in this scenario. Antibiotics were discovered in the twentieth century by the British scientist Alexander Feming. The first Antibiotic was penicillin. Penicillin based antibiotics, such as ampicillin, amoxicillin, and penicillin G, are still available to treat a variety of infections and have been in used for many years.*

*I have learned the important and correct use of safe antibiotics to avoid antibiotics resistance. Antibiotics are very important medications that have many benefits when taken properly, however it is common for the individuals to misuse these medications, which can lead to antibiotics resistance, one of the most urgent treats to public health, according to the centre for disease control and prevention (CDC) antibiotics are used to fight off serious infections, and despite their side effects, can save lives of those who are high risks of developing infections, such as patients who undergo surgery or chemotherapy treatment.*

*I have learned that antibiotics resistance occurs when bacteria develop the ability to defeat the drugs designed to kill them. If you misuse antibiotic and take them when you do not need them. The bacteria in your body might build up a resistance against the antibiotic made to help. The spread of diseases such as, streptococcus, tuberculosis, group B and typhoid fever can increase when individual became resistance to antibiotics. Other consequences of antibiotics resistance can lead to more visit to the doctor which can have a huge impact on your finances and longer recovery, potentially more serious illness than before. Very few antibiotics are being developed, which means that we must make sure that the ones we have remains effective against infections for the sake of future generations. antibiotics are very precious resource, very useful drugs and save lives.*

*I have learned about the effects of antibiotic resistance, such as it can increase risk of death, prolong the illness, more expensive drugs therapies may be required and failure to respond to standard treatment.*

*I have learned the appropriate use of antibiotics, that antibiotic should be taken as prescribed for maximum effectiveness, e.g. instructions may indicate whether they should be taken with of after food. Antibiotics should be prescribed for infection only not for viral infections. The prescribed course of antibiotics should always be completed, not finishing the course leaves some bacteria alive and resistance to future antibiotics use. Antibiotics should never be saved in case of another infection occurring. Antibiotics prescribed for one person should never be passed on to another person such as family members what prescribed for one person may not necessarily be the right medicine for another person, antibiotics can cause unpleasant side effect such as nausea, sickness or skin rashes.*

*I have learned that single use item is medical device that is intended to be used on an individual patient during a single procedure and the discarded.*