**EQUIPMENT NEEDS ASSESSMENT APPLICATION**

|  |  |
| --- | --- |
| Name of Person Submitting Request: | **Tamara Maurizi** |
| Program or Service Area: | **Nursing** |
| Division: | **Science** |
| When was the last Program Efficacy document completed? | **Spring 2008** |
| What rating was given? | **Continuation** |
| Equipment Requested | **IV arms x3 $500 X4**  **Baxter IV pump $1755**  **Triple Channel IV pump $3500**  **Braun Horizontal IV pump $2000 Travenol Flow Guard IV pump $2000**  **All pumps are reconditioned** |

1. Provide a rationale for your request.

|  |
| --- |
| Current IV practice arm models are severely punctured and hardened. This does not produce life-like learning experiences. Hospitals change their intravenous (IV) pumps every 2-3 years. It is necessary to up-date our pumps to remain current with the hospital equipment. Students need to practice hanging blood, IV’s and medications with the IV pumps so that they are prepared to do this in the hospital setting. All of our pumps are re-conditioned and cannot be repaired once they break. |

1. Indicate how the content of the EMP One-Sheet and latest Program Efficacy Report support this request. How is the request tied to program planning? *(reference the page number(s) where the information can be found on the EMP and Program Efficacy).*

|  |
| --- |
| According to page 52 of the EMP, bed side practice and experiences will instill the hands-on knowledge needed by the students to succeed, not only in the clinical settings, but on the state board exam. On page 9 of Program Efficacy it says that the program has and teaches students to healthcare equipment common in community agencies where students go for clinical experience and where graduates will work. This prepares the students to function safely. |

1. Indicate if there is additional information you wish the committee to consider *(for example: regulatory information, compliance, updated efficiency and/or student success data or planning etc).*

|  |
| --- |
| Students need to practice skills like inserting IV’s on a model before going in and trying to put an IV in a real person. This takes practice and skill before they are successful. Students need to be proficient in using IV pumps so that they can give the correct amount of medication the correct way. Each facility may use a different kind of IV pump. |

1. Evaluation of related costs (including any ongoing maintenance or updates) and identification of any alternative or ongoing funding sources. (for example Department Budget, VTEA or Perkins)

|  |
| --- |
| There are no alternate or ongoing funding sources. |

1. What are the consequences of not funding this equipment?

|  |
| --- |
| . They will not get the “feel” of inserting IV’s if the models used are severely punctured and hardened. Students need to be prepared for working in the hospital and they receive that preparation by practicing in the skills lab on campus. They need to be familiar with and know how to work with the equipment that is used in the different hospitals so that can provide safe nursing care. |