

## Implementation plan Finished

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| Study unit                                             | Acute Nursing Care (R0065), 5.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Implementation                                         | SNV1711: 1/2017-2018 (28.08.2017 - 22.12.2017)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Type                                                   | DECISION MAKING IN CLINICAL NURSING (R018)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Groups                                                 | Primary: SNV216SN Others :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Involved in the project                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Lecturers                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Number of participants                                 | <b>Minimum:</b> 15 <b>Maximum:</b> 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Enrolment period                                       | 15.05.2017 08:00 - 31.05.2017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Main timing for implementation                         | On working days during daytime                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Applicability                                          | <b>For exchange students:</b> Yes <b>For elective studies:</b> No <b>Open UAS student:</b> No <b>Suitable for virtual UAS:</b> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Teachers                                               | Mulder Riikka (Teacher in charge), Alastalo Mika (Other teacher), Karjalainen Heli (Other teacher), Viitala Sari (Other teacher)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Campus                                                 | Laurea Tikkurila                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Main location for implementation                       | At the campus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Implementation method                                  | Optima realization/student group, Other method of implementation, Web/virtual <b>Language:</b> English <b>Virtuality:</b> 2 cr <b>Integration of R&amp;D:</b> 0 cr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Implementation class                                   | LbD supporting knowledge and skills development                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Focus areas                                            | Expertise in nursing and coping at home                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Evaluation at the latest                               | 22.01.2018 <b>Storing of graded material ends.:</b> 22.12.2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Exam days                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Having completed the study unit the student is able to | <p>The student is able to</p> <ul style="list-style-type: none"> <li>• assess the patient's need for care in acute nursing environments</li> <li>• utilise nursing science and multidisciplinary information on the decision-making process</li> <li>• plan, implement and evaluate acute nursing</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Previous studies                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Previous studies, more information                     | Students must have passed the 1st semester studies prior to this study unit. Student must have participated actively to the 2nd semester studies. It is recommended that student has had at least one clinical practice placement in hospital prior to this study unit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Contents                                               | <p><b>Part 1. Acute Care Nursing theory 2cr (Riikka)</b> Theory lessons: patient assessment, airway &amp; breathing, circulation, ECG monitoring, burns patient, trauma patient, ethics, pediatric patients</p> <p><b>Part 2. Pharmacology II (on-line) 1cr (Mika)</b></p> <ul style="list-style-type: none"> <li>• Antimicrobial drugs</li> <li>• Medications for the diseases of the digestive tract</li> <li>• Medications for the diseases of the respiratory tract</li> <li>• Medical treatment of the diseases of the thyroid</li> <li>• Medical treatment of the diseases of the urinary tract and kidneys</li> <li>• Neurological medications</li> <li>• Antipsychotic drugs</li> <li>• Pain medications</li> <li>• Medications used in treating arthritis and gout</li> <li>• Medical treatment of skin diseases</li> <li>• Medical treatment of cancers, cytostatic drugs</li> </ul> <p><b>Part 3. Advanced Life Support (on-line) 0.5cr (Riikka)</b></p> <p><b>Part 4. Acute Care - workshops 1cr (Riikka)</b></p> <ul style="list-style-type: none"> <li>• ALS workshop - NOTE: the ALS on-line course MUST be completed prior to attending this workshop.</li> <li>• Simulation workshop</li> </ul> |

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|                                        | <b>Part 5. Medication calculations 0.5cr (Riikka)</b> <ul style="list-style-type: none"> <li>Medication calculation workshops - study material will be given during the contact lessons</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Study material</b>                  | <p>On-line courses: studymaterial available on-line<br/>         Acute Care Nursing -theory: You can use any of the books, don't need to read all of them. Brunner's book is a good basic info book that supports your studying, but requires also critical care / acute care book on the side.</p> <ul style="list-style-type: none"> <li>Brunner and Suddarth's Textbook of Medical Surgical Nursing</li> <li>Philip Woodrow: Intensive Care Nursing</li> <li>Patricia Gonce Morton &amp; Dorrie K. Fontaine: Essentials of Critical Care Nursing</li> <li>Markku Mäkijärvi ym.: Akuuttihoito- opas</li> <li>Marianne Baird &amp; Susan Bethel: Manual of Critical Care Nursing</li> <li>E-book: Booker, Kathy: Critical Care Nursing Monitoring and Treatment for Advanced Nursing Practice</li> <li>ALS on-line course material</li> <li>Material given during lectures</li> </ul> <p>Medication Calculations: material given during the contact lessons</p> |
| <b>Evaluation criteria and methods</b> | <p>Part 1. Acute Care Nursing theory: T1 - K5, 0 = fail, re-take exam <b>NOTE:</b> 80 % compulsory attendance to the contact lessons. Any missed contact lesson - student must write a short essay re: topic of the missed contact lesson and return it to Optima return box.</p> <p>Part 2. Pharmacology on-line: Pass / Fail, Return dates 1.10., 5.11. and 3.12 (only for redos)</p> <p>Part 3. Advanced Life Support on-line: Pass / Fail (Must be completed prior to the Acute Care Nursing ALS-workshop)</p> <p>Part 4. Acute Care Nursing - workshops: Pass / Fail (compulsory attendance)</p> <p>Part 5. Medication Calculations: Pass / Fail. Must be passed prior to Clinical Practice III</p>                                                                                                                                                                                                                                                         |
| <b>Work strain</b>                     | <p>Acute Care Nursing - theory: 2cr = 54 hours of student's work</p> <ul style="list-style-type: none"> <li>Contact lessons: 6x4 h + 1x2 h exam = 26 hours</li> <li>Independent work 28 hours</li> </ul> <p>Workshops 1,5cr = 40,5 hours of student's work</p> <ul style="list-style-type: none"> <li>2x6 h workshops (ALS &amp; Simulation hospital) = 12 hours</li> <li>3x4 h medication calculation workshops = 12 h</li> <li>1x2 h medication calculation exam = 2 h</li> <li>Independent work 14 hours prior to workshops</li> </ul> <p>ALS online course 0,5 cr = 13 hours of student's work -&gt; independent study</p> <p>Pharmacology on-line course 1cr = 27 hours independent study</p>                                                                                                                                                                                                                                                               |