

## Implementation plan Finished

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|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Study unit</b>                                             | Cybersecurity Management (A9391), 5.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Implementation</b>                                         | HYA21511: 1/2015-2016 (31.08.2015 - 20.01.2016)                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Type</b>                                                   | OTHER COMPLEMENTARY COMPETENCE (R024)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Groups</b>                                                 | Primary: HYA215SJ Others :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Involved in the project</b>                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Lecturers</b>                                              | Paresh Rathod, Tammilehto Tuomas                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Number of participants</b>                                 | <b>Minimum:</b> 12 <b>Maximum:</b> 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Enrolment period</b>                                       | 18.05.2015 08:00 - 31.05.2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Main timing for implementation</b>                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Applicability</b>                                          | <b>For exchange students:</b> No <b>For elective studies:</b> No <b>Open UAS student:</b> No <b>Suitable for virtual UAS:</b> Yes                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Teachers</b>                                               | Rathod Paresh (Other teacher), Tammilehto Tuomas (Other teacher)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Campus</b>                                                 | Laurea Leppävaara                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Main location for implementation</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Implementation method</b>                                  | Optima realization/student group, Project/venture/R&D, Web/virtual <b>Language:</b> English <b>Virtuality:</b> 3 cr <b>Integration of R&amp;D:</b> 2 cr                                                                                                                                                                                                                                                                                                                                                       |
| <b>Implementation class</b>                                   | LbD based on local project or development task                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Focus areas</b>                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Evaluation at the latest</b>                               | 23.01.2016 <b>Storing of graded material ends.:</b> 23.12.2016                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Exam days</b>                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Having completed the study unit the student is able to</b> | <ul style="list-style-type: none"> <li>• explain and practice the importance of cybersecurity Essential Body of Knowledge (EBK)</li> <li>• demonstrate a comprehensive view of information security management for organizational success</li> <li>• identify critical risks to organizational information infrastructure</li> <li>• practice information security program development and management</li> <li>• ensure the safe functioning of organization during unforeseen incidents and risks</li> </ul> |
| <b>Previous studies</b>                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Learning objectives</b>                                    | The study unit offers education in trustworthy framework and practices of cybersecurity management. In addition, this study unit offers a foundation of professional training of Certified Information Security Manager (CISM) common body of knowledge.                                                                                                                                                                                                                                                      |
| <b>Study material</b>                                         | Optima, online learning or literature based on your own project target                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Tutoring and communication</b>                             | Optima for primary communication platform, one-to-one tutoring on request and contact days / meetings <b>Contact Days - 22.10.2015, 23.10.2015, 24.10.2015 at 9.00-16.30 Leppävaara.</b>                                                                                                                                                                                                                                                                                                                      |
| <b>Evaluation criteria and methods</b>                        | Online learning, Project-based tasks, Working life project possible                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>R&amp;D methods</b>                                        | Applied and action research                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Work strain</b>                                            | More information on induction class and Optima                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Other arrangements</b>                                     | Individual learning or working life development project possible.                                                                                                                                                                                                                                                                                                                                                                                                                                             |