**South-Eastern Finland University
of Applied Sciences
www.xamk.fi**

**Transcript of Records
12.03.2019**

**page 2/2**

**Danila Mandrabura**                                    050198-7074                                    **D1066**

| | | | |
|---|---|---|---|
| Introduction to network security | 5 cr | 1 | 18.12.2017 |
| **Secure server systems** | **15 cr** | | |
| Advanced information security | 5 cr | 4 | 03.05.2018 |
| Advanced enterprise server environment | 5 cr | 2 | 18.04.2018 |
| Advanced server development project | 5 cr | 1 | 03.05.2018 |
| **Research and project management** | **10 cr** | | |
| Project management skills | 5 cr | 4 | 03.06.2016 |
| Introduction to bachelor's thesis | 5 cr | | |
| *Professional English* | 1 cr | H | 03.05.2018 |
| *Thesis process* | 4 cr | | |
| Probability and statistics in server environment | 5 cr | 1 | 20.04.2018 |
| **Practical training** | **30 cr** | | |
| Practical training, core competence | 15 cr | H | 14.11.2018 |
| Practical training, additional competence | 15 cr | H | 14.11.2018 |
| | | | |
| **SUPPLEMENTARY COMPETENCE** | **25 cr** | | |
| **Advanced programming** | **5 cr** | | |
| Current trends in IT | 5 cr | 4 | 25.04.2018 |
| **Optional studies** | **20 cr** | | |
| Engineering mathematics | 5 cr | 4 | 03.01.2016 |
| Academic writing skills | 5 cr | 3 | 16.03.2016 |
| Basic engineering chemistry | 5 cr | 2 | 10.04.2016 |
| *Laboratory* | 1 cr | 2 | 10.04.2016 |
| *Theory* | 4 cr | 2 | 23.12.2015 |
| Introduction to environmental sciences | 5 cr | 1 | 24.04.2016 |
| | | | |
| **External studies** | **10 cr** | | |
| Discrete mathematics | 5 cr | 1 | 17.12.2018 |
| Digital electronics | 5 cr | 3 | 19.12.2018 |

Mikkeli 12.03.2019
Place and Date

Anniina Hämäläinen
Coordinator, Student Services

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**page 1/2**

| | | | |
|---|---|---|---|
| Student | Danila Mandrabura | Credits | **240 cr** |
| Personal ID code | 050198-7074 | Completed | **185 cr** |
| Student number | D1066 | With average | **2,61** |
| Degree | Bachelor of Engineering | Implementation parts | **3 cr** |
| Degree title | Insinööri (AMK) | Total | **188 cr** |
| Programme | Degree Programme in Information Technology | | |
| Language of instruction | English | | |

| Studies | Cr | Grade | Date |
|---|---|---|---|
| **CORE COMPETENCE** | **150 cr** | | |
| **General skills** | **15 cr** | | |
| Professional ICT skills | 5 cr | 4 | 24.02.2016 |
| Finnish 1, A1 | 5 cr | 3 | 31.01.2016 |
| Basic engineering physics | 5 cr | 5 | 01.02.2016 |
| **Terminology and communication skills** | **5 cr** | | |
| Professional growth | 5 cr | | |
| *Professional Grwowth year 1 (2 ECTS)* | 2 cr | H | 14.12.2015 |
| *Professional Growth year 2 (2 ECTS)* | 2 cr | | |
| *Professional Growth year 3 (1 ECTS)* | 1 cr | | |
| Calculus | 5 cr | 2 | 04.05.2017 |
| **Computer software** | **10 cr** | | |
| Internet application development | 5 cr | 2 | 15.12.2016 |
| Introduction to telecommunications | 5 cr | 4 | 09.05.2017 |
| **Computer hardware** | **10 cr** | | |
| PC Technology | 5 cr | 2 | 19.12.2016 |
| Electronics and measurement | 5 cr | 3 | 12.01.2017 |
| **Local area networks** | **15 cr** | | |
| Introduction to networks | 5 cr | 2 | 20.10.2016 |
| Routing and switching essentials | 5 cr | 3 | 22.12.2016 |
| Basics of business operations | 5 cr | 3 | 02.01.2017 |
| **Programming** | **5 cr** | | |
| Software engineering | 5 cr | 1 | 05.05.2017 |
| **Wide area networks** | **20 cr** | | |
| Scaling networks | 5 cr | 3 | 10.03.2017 |
| Matrices and graphs | 5 cr | 3 | 19.04.2018 |
| Mobile and wireless networks | 5 cr | 4 | 11.05.2017 |
| Connecting networks | 5 cr | 1 | 28.04.2017 |
| **Server environment** | **15 cr** | | |
| Introduction to enterprise server systems | 5 cr | 1 | 18.12.2017 |
| Server operating systems | 5 cr | 4 | 18.12.2018 |

1-2 = Satisfactory, 3-4 = Good, 5 = Excellent, H = Accepted