UNIVERSIDAD DE LA RIOJA

DISTRIBUTED SYSTEMS
2016-2017

Bachelor Degree:	Software Engineering		801G
Course title:	Distributed systems		441
Year/Semester:	3/1S	ECTS Credits:	6

DEPARTMENT

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CONTENTS

UNIT 1. Introduction to distributed systems UNIT 2. Distributed Computing Paradigms UNIT 3. Java Input/Output review

UNIT 4. Basic Network concepts

UNIT 5. Network Programming with JAVA UNIT 6. Concurrent Programming

UNIT 7. Advanced Network Programming

UNIT 8. Basic concepts of security

UNIT 9. XML

UNIT 10. Web Services

UNIT 11. Directory services

REFERENCES

Title
Distributed Systems: Concepts and Design. G. Coulouris et al. Addison-Wesley, 2012. ISBN: 978-0-13-214301-1
Distributed Systems: Principles and Paradigms. A.S. Tanenbaum and M. V. Steen. Pearson, 2006. ISBN: 978-0132392273
Distributed Computing: Principles and Applications. M. L. Liu. Addison-Wesley, 2004. ISBN: **978-0201796445**
Java Network Programming, 2nd Edition. Elliotte Rusty Harold.O¿Reilly (2000). ISBN: 1-56592-870-9
Learning Network Programming with JAVA. Richard M Reese. Packt Publishing Ltd. ISBN 978-1-78588-547-1, 2015.
Advanced Java Networking. Dick Steflik, Prashant Sridharan, Richard Steflik. Prentice Hall PTR (2000). ISBN: 0130844667

EVALUATION SYSTEM

Evaluation System	Retrievable	Irretrievable
Written Exam	60%	
Practical Exercises and Laboratory Work		30%
Projects		10%
Total	100%	

In order to pass the subject in the first call, it is necessary:
- To obtain at least 5 points in the written exam
- To obtain at least 5 points in the practical exercises and laboratory work

In order to pass the subject in the second call, it is necessary:
- To obtain at least 5 points in the written exam