



# *Information About This Course*

Andreas Zeller/Stephan Neuhaus

Lehrstuhl Softwaretechnik  
Universität des Saarlandes, Saarbrücken



# *What Is This Course?*

---

- Spezialvorlesung, 6 LP
- C.S. Master Students, Dipl.-Inform. Hauptstudium
- English



# *Important Dates*

---

This lecture takes place on Thursdays, 1100–1300 c.t. in Bldg. 45, Lecture Hall 2.

The exercises take place on Wednesdays, 0900–1100 c.t. in 36/306.

Exercises are due on the Tuesday following the lecture, at 0900 s.t. in my office in 45/302.



# *Prerequisites*

---

- Reasonably fluent in C (C++ is also OK)



# *Prerequisites*

---

- Reasonably fluent in C (C++ is also OK)
- Basic cryptography (“plaintext”, “ciphertext”, “key”, “encryption”, “decryption”, “hash function”).





# *Prerequisites*

---

- Reasonably fluent in C (C++ is also OK)
- Basic cryptography (“plaintext”, “ciphertext”, “key”, “encryption”, “decryption”, “hash function”).
- Basic Operating Systems (threads, processes, file systems, race conditions, networking); Unix a plus.





# Prerequisites

---

- Reasonably fluent in C (C++ is also OK)
- Basic cryptography (“plaintext”, “ciphertext”, “key”, “encryption”, “decryption”, “hash function”).
- Basic Operating Systems (threads, processes, file systems, race conditions, networking); Unix a plus.
- Basic mathematics: some sums, some integrals, some modulo operations, some vector operations, nothing really fancy.





## *How to Pass this Course*

---

- Get at least 50% of the exercise points;
- demonstrate a solution to an exercise at least three times;
- pass the final exam at the end of the semester.

Collaboration on the exercises is allowed for teams of two (not more). However, you must *individually* demonstrate the solutions.





# *How to Pass this Course*

---

- Get at least 50% of the exercise points;
- demonstrate a solution to an exercise at least three times;
- pass the final exam at the end of the semester.

Collaboration on the exercises is allowed for teams of two (not more). However, you must *individually* demonstrate the solutions.

Depending on how many of you are left by the end of the semester, there might be oral exams (if there are just a few) or a written exam (if there are many).

First exercise is not graded!



# *Final Exam*

---

- Closed-book exam
- No reference sheet allowed
- Reference solution and grades published some days after the exam
- Ungraded (only pass/fail)



# *Check Frequently!*

---

Slides and exercises are available through the Web page at  
<http://www.st.cs.uni-sb.de/edu/secdesign/>



6/6



# *Check Frequently!*

---

Slides and exercises are available through the Web page at <http://www.st.cs.uni-sb.de/edu/secdesign/>

Slides available as PDF (for presentation) and postscript (for studying).



# *Check Frequently!*

---

Slides and exercises are available through the Web page at <http://www.st.cs.uni-sb.de/edu/secdesign/>

Slides available as PDF (for presentation) and postscript (for studying).

Here is some good advice, given away for free:



# *Check Frequently!*

---

Slides and exercises are available through the Web page at <http://www.st.cs.uni-sb.de/edu/secdesign/>

Slides available as PDF (for presentation) and postscript (for studying).

Here is some good advice, given away for free:

**Recheck the lecture's web site frequently for updates.  
Material on this web page is prone to changes.**

Again, the address is

<http://www.st.cs.uni-sb.de/edu/secdesign.>

