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Teaching at the University of Waterloo

A term at uWaterloo has 12 weeks. Lectures and exercise sessions are 50 minutes long.

1. *Spring 2016*. ECE654. **Software Reliability Engineering**.
2. *Fall 2015*. ECE650. **Methods and Tools for Software Engineering**.
3. *Spring 2015*. ECE654. **Software Reliability Engineering**.
4. *Fall 2014*. ECE650. **Methods and Tools for Software Engineering**.
5. *Spring 2014*. ECE452/CS446/CS646. **Software Design and Architecture**.

SE499 research project coordinator (Winter 2016, Spring 2016, Fall 2015, Spring 2015, Winter 2015).

SE class professor seminar coordinator (SE102 Winter 2016, SE401 Spring 2015).

Teaching Development

1. Graduate Supervision Series. (CTE 801, 802, 803, 804, 806) Feb. 5 & June 3, 2016. CTE, University of Waterloo.
2. CTE642: Course Design Fundamentals. Feb. 2, 2015. 8 hours. CTE, University of Waterloo.
3. ExpecTATions TA workshop. Sept. 9 & 10, 2015. 8 hours. Faculty of Engineering, University of Waterloo.
4. Instructional Skills Workshop (ISW). Four day course in Feb. 2014. CTE, University of Waterloo.

Teaching at ETH Zurich

A semester at ETH has 14 weeks. Lectures and exercise sessions are 45 minutes long.

1. Concepts of Object-Oriented Programming

- (a) *Fall 2008*, with Prof. P. Müller. Teaching assistant for one-hour exercise sessions with around 25 students. Substitute lecturer for two hours. Supervised oral exams and the preparation of the written exam.
- (b) *Winter 2006/07*, with Prof. P. Müller. Teaching assistant for one-hour exercise sessions with around 40 students. Substitute lecturer for two hours.
- (c) *Winter 2005/06*, with Prof. P. Müller. Only teaching assistant for one-hour exercise sessions with around 80 students. Prepared and corrected the two-hour written exam.
- (d) *Winter 2004/05*, with Prof. P. Müller. Only teaching assistant for one-hour exercise sessions with around 80 students. Substitute lecturer for eight hours. Prepared and corrected the two-hour written exam.
- (e) *Winter 2003/04*, with Prof. P. Müller. First-time course. Only teaching assistant for one-hour exercise sessions with around 50 students. Supervised oral exams.

2. Core-Course on Software Engineering

- (a) *Spring 2009*, with Prof. P. Müller. Teaching assistant for two-hour exercise sessions with around 20 students. Written exam preparation.
- (b) *Summer 2007*, with Prof. B. Meyer. First-time course. Teaching assistant for two-hour exercise sessions with around 20 students. Written exam preparation and correction.

- (c) *Summer 2006*, with Prof. P. Müller. First-time course. Teaching assistant for two-hour exercise sessions with around 25 students. Substitute lecturer for three hours. Written exam preparation and correction.

3. IT Project Management

- (a) *Winter 2004/05*, with Prof. P. Müller. Supervision of student projects.
- (b) *Winter 2003/04*, with Prof. P. Müller. First-time course. Supervision of student projects.

4. Programming in the Large

- (a) *Summer 2004*, with Prof. B. Meyer. Teaching assistant for two-hour exercise sessions with around 20 students. Written exam preparation and correction.

5. Seminars

- (a) *Winter 2006/07*, Software Engineering Seminar, with Prof. B. Meyer, Prof. P. Müller, Prof. D. Kröning. Supervised two seminar students.
- (b) *Winter 2005/06*, Seminar on Specification and Verification of Object-Oriented Software, with Prof. P. Müller, Prof. D. Kröning. Supervised one seminar student.
- (c) *Winter 2004/05*, Seminar on Specification and Verification of Object-Oriented Software, with Prof. P. Müller, Prof. D. Kröning. Supervised three seminar students.
- (d) *Summer 2004*, Seminar on References and Aliasing in Object-Oriented Software, with Prof. A. Biere, Prof. P. Müller. Supervised two seminar students.
- (e) *Winter 2003/04*, Seminar on Specification and Verification of Object-Oriented Software, with Prof. A. Biere, Prof. P. Müller. Supervised two seminar students.