

November						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# Monday 07 November 2011

<b>9</b> <sup>00</sup>	
<b>10</b> <sup>00</sup>	10:00-10:45 M 1: Basic Data types in C++
<b>11</b> <sup>00</sup>	11:00-11:45 M 1: Structural Programming in C++
<b>12</b> <sup>00</sup>	12:00-12:45 M 1: Introduction into Linux
<b>13</b> <sup>00</sup>	13:00-13:45 M 1: Programming using makefiles
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	

November						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# Tuesday 08 November 2011

<b>9</b> <sup>00</sup>	
<b>10</b> <sup>00</sup>	10:00-10:45 M 1: Simple classes and template
<b>11</b> <sup>00</sup>	11:00-11:45 M 1: Data structures as vector, list, stack, queue, tree in C++
<b>12</b> <sup>00</sup>	12:00-12:45 M 1: Complexity of algorithms wrt. data structures
<b>13</b> <sup>00</sup>	13:00-13:45 M 1: Hashing functions
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	

November						
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	1	2	3	4	5	6
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14	15	16	17	18	19	20
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28	29	30				

# Wednesday 09 November 2011

<b>9</b> <sup>00</sup>	
<b>10</b> <sup>00</sup>	10:00-10:45 M 1: OOP - classes
<b>11</b> <sup>00</sup>	11:00-11:45 M 1: OOP - class hierarchies
<b>12</b> <sup>00</sup>	12:00-12:45 M 1: OOP using the STL
<b>13</b> <sup>00</sup>	13:00-13:45 M 1: Realizing algorithms in C++
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	

November						
M	T	W	T	F	S	S
	1	2	3	4	5	6
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# Thursday 10 November 2011

<b>9<sup>00</sup></b>	
<b>10<sup>00</sup></b>	10:00-10:45 M 2-1: Concepts and architectures, Skopje
<b>11<sup>00</sup></b>	11:00-11:45 M 2-1: Concepts and Architectures, Skopje
<b>12<sup>00</sup></b>	12:00-12:45 M 2-2: Performance and limits, Skopje
<b>13<sup>00</sup></b>	13:00-13:45 M 2-2: Performance and limits, Skopje
<b>14<sup>00</sup></b>	
<b>15<sup>00</sup></b>	

November  
M T W T F S S  
1 2 3 4 5 6  
7 8 9 10 11 12 13  
14 15 16 17 18 19 20  
21 22 23 24 25 26 27  
28 29 30

# Friday 11 November 2011

<b>9</b> <sup>00</sup>	00:00-00:00 Academic Board	
<b>10</b> <sup>00</sup>		10:00-10:45 M 2-3: Topologies of computer/processor networks, Skopje
<b>11</b> <sup>00</sup>		11:00-11:45 M 2-3: Topologies of computer/processor networks, Skopje
<b>12</b> <sup>00</sup>		12:00-12:45 M 2-4: Group communications, Skopje
<b>13</b> <sup>00</sup>		13:00-13:45 M 2-4: Group communications, Skopje
<b>14</b> <sup>00</sup>		
<b>15</b> <sup>00</sup>		

November						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# Saturday 12 November 2011

<b>9</b> <sup>00</sup>	
<b>10</b> <sup>00</sup>	
<b>11</b> <sup>00</sup>	
<b>12</b> <sup>00</sup>	
<b>13</b> <sup>00</sup>	
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	

November						
M	T	W	T	F	S	S
	1	2	3	4	5	6
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# Sunday 13 November 2011

<b>9</b> <sup>00</sup>	
<b>10</b> <sup>00</sup>	
<b>11</b> <sup>00</sup>	
<b>12</b> <sup>00</sup>	
<b>13</b> <sup>00</sup>	
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	

November						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# Monday 14 November 2011

<b>9</b> <sup>00</sup>	
<b>10</b> <sup>00</sup>	10:00-10:45 M 1: Recent hardware - functional units, pipelining, speculative execution
<b>11</b> <sup>00</sup>	11:00-11:45 M 1: Recent hardware - caches, memory hierarchies, ccNUMA
<b>12</b> <sup>00</sup>	12:00-12:45 M 1: Cache aware data structures
<b>13</b> <sup>00</sup>	13:00-13:45 M 1: Cache aware programming
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	



November						
M	T	W	T	F	S	S
	1	2	3	4	5	6
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# Tuesday 15 November 2011

<b>9<sup>00</sup></b>	
<b>10<sup>00</sup></b>	10:00-10:45 M 1: Vector units in recent processor
<b>11<sup>00</sup></b>	11:00-11:45 M 1: Compiler support for optimization, vectorization
<b>12<sup>00</sup></b>	12:00-12:45 M 1: Examples for code acelleration
<b>13<sup>00</sup></b>	13:00-13:45 M 1: Examples for code acelleration
<b>14<sup>00</sup></b>	
<b>15<sup>00</sup></b>	

November  
M T W T F S S  
1 2 3 4 5 6  
7 8 9 10 11 12 13  
14 15 16 17 18 19 20  
21 22 23 24 25 26 27  
28 29 30

# Wednesday 16 November 2011

**9**<sup>00</sup>

**10**<sup>00</sup>

**11**<sup>00</sup>

**12**<sup>00</sup>

**13**<sup>00</sup>

**14**<sup>00</sup>

**15**<sup>00</sup>

November						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# Thursday 17 November 2011

<b>9</b> <sup>00</sup>	
<b>10</b> <sup>00</sup>	10:00-10:45 M 2: Exercises, Skopje
<b>11</b> <sup>00</sup>	11:00-11:45 M 2-4: Exercises, Skopje
<b>12</b> <sup>00</sup>	12:00-12:45 M 2-5: Concurrency and correctness, Skopje
<b>13</b> <sup>00</sup>	13:00-13:45 M 2-5: Concurrency and correctness, Skopje
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	

November  
M T W T F S S  
1 2 3 4 5 6  
7 8 9 10 11 12 13  
14 15 16 17 18 19 20  
21 22 23 24 25 26 27  
28 29 30

# Friday 18 November 2011

<b>9<sup>00</sup></b>	
<b>10<sup>00</sup></b>	10:00-10:45 M 2-6: Program transformations, Skopje
<b>11<sup>00</sup></b>	11:00-11:45 M 2-6: Program transformations, Skopje
<b>12<sup>00</sup></b>	12:00-12:45 M 2-6: Exercises, Skopje
<b>13<sup>00</sup></b>	
<b>14<sup>00</sup></b>	
<b>15<sup>00</sup></b>	

November						
M	T	W	T	F	S	S
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7	8	9	10	11	12	13
14	15	16	17	18	19	20
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# Saturday 19 November 2011

<b>9<sup>00</sup></b>	
<b>10<sup>00</sup></b>	
<b>11<sup>00</sup></b>	
<b>12<sup>00</sup></b>	
<b>13<sup>00</sup></b>	
<b>14<sup>00</sup></b>	
<b>15<sup>00</sup></b>	

November						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# Sunday 20 November 2011

<b>9</b> <sup>00</sup>	
<b>10</b> <sup>00</sup>	
<b>11</b> <sup>00</sup>	
<b>12</b> <sup>00</sup>	
<b>13</b> <sup>00</sup>	
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	

November						
M	T	W	T	F	S	S
	1	2	3	4	5	6
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# Monday 21 November 2011

<b>9</b> <sup>00</sup>	09:00-09:45 M 2-7: Algorithm transformations, Skopje
<b>10</b> <sup>00</sup>	10:00-10:45 M 2-7: Algorithm transformations, Skopje
<b>11</b> <sup>00</sup>	
<b>12</b> <sup>00</sup>	
<b>13</b> <sup>00</sup>	
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	

November						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

# Tuesday 22 November 2011

<b>9</b> <sup>00</sup>	09:00-09:45 M 2-8: Advanced Algorithm Transformations, Skopje
<b>10</b> <sup>00</sup>	10:00-10:45 M 2-8: Advanced Algorithm Transformations, Skopje
<b>11</b> <sup>00</sup>	
<b>12</b> <sup>00</sup>	12:00-13:30 M 3: Parallel Programming Tools and Environments
<b>13</b> <sup>00</sup>	
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	



November  
M T W T F S S  
1 2 3 4 5 6  
7 8 9 10 11 12 13  
14 15 16 17 18 19 20  
21 22 23 24 25 26 27  
28 29 30

# Wednesday 23 November 2011

<b>9<sup>00</sup></b>	
<b>10<sup>00</sup></b>	
<b>11<sup>00</sup></b>	
<b>12<sup>00</sup></b>	12:00-13:30 M3: OpenMP Programming
<b>13<sup>00</sup></b>	
<b>14<sup>00</sup></b>	14:00-15:30 M3: OpenMP Programming LAB
<b>15<sup>00</sup></b>	

November  
M T W T F S S  
1 2 3 4 5 6  
7 8 9 10 11 12 13  
14 15 16 17 18 19 20  
21 22 23 24 25 26 27  
28 29 30

# Thursday 24 November 2011

<b>9<sup>00</sup></b>	
<b>10<sup>00</sup></b>	
<b>11<sup>00</sup></b>	
<b>12<sup>00</sup></b>	12:00-13:30 M3: MPI Programming
<b>13<sup>00</sup></b>	
<b>14<sup>00</sup></b>	14:00-15:30 M3: MPI Programming LAB
<b>15<sup>00</sup></b>	

November						
M	T	W	T	F	S	S
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# Friday 25 November 2011

<b>9</b> <sup>00</sup>	
<b>10</b> <sup>00</sup>	
<b>11</b> <sup>00</sup>	
<b>12</b> <sup>00</sup>	
<b>13</b> <sup>00</sup>	
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	

November						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
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# Saturday 26 November 2011

<b>9</b> <sup>00</sup>	
<b>10</b> <sup>00</sup>	
<b>11</b> <sup>00</sup>	
<b>12</b> <sup>00</sup>	
<b>13</b> <sup>00</sup>	
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	

November						
M	T	W	T	F	S	S
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
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# Sunday 27 November 2011

<b>9<sup>00</sup></b>	
<b>10<sup>00</sup></b>	
<b>11<sup>00</sup></b>	
<b>12<sup>00</sup></b>	
<b>13<sup>00</sup></b>	
<b>14<sup>00</sup></b>	
<b>15<sup>00</sup></b>	

November						
M	T	W	T	F	S	S
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
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# Monday 28 November 2011

<b>9</b> <sup>00</sup>	
<b>10</b> <sup>00</sup>	
<b>11</b> <sup>00</sup>	
<b>12</b> <sup>00</sup>	
<b>13</b> <sup>00</sup>	
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	

November  
M T W T F S S  
1 2 3 4 5 6  
7 8 9 10 11 12 13  
14 15 16 17 18 19 20  
21 22 23 24 25 26 27  
28 29 30

# Tuesday 29 November 2011

<b>9<sup>00</sup></b>	
<b>10<sup>00</sup></b>	
<b>11<sup>00</sup></b>	
<b>12<sup>00</sup></b>	12:00-13:30 M3: GPU Programming (1)
<b>13<sup>00</sup></b>	
<b>14<sup>00</sup></b>	14:00-15:30 M3: GPU Programming (1) LAB
<b>15<sup>00</sup></b>	

November  
M T W T F S S  
1 2 3 4 5 6  
7 8 9 10 11 12 13  
14 15 16 17 18 19 20  
21 22 23 24 25 26 27  
28 29 30

# Wednesday 30 November 2011

<b>9<sup>00</sup></b>	
<b>10<sup>00</sup></b>	
<b>11<sup>00</sup></b>	
<b>12<sup>00</sup></b>	12:00-13:30 M3: GPU Programming (2)
<b>13<sup>00</sup></b>	
<b>14<sup>00</sup></b>	14:00-15:30 M3: GPU Programming (2) LAB
<b>15<sup>00</sup></b>	



December						
M	T	W	T	F	S	S
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

# Thursday 01 December 2011

<b>9<sup>00</sup></b>	
<b>10<sup>00</sup></b>	
<b>11<sup>00</sup></b>	
<b>12<sup>00</sup></b>	12:00-13:30 M3: Student Presentations / Final Exam
<b>13<sup>00</sup></b>	
<b>14<sup>00</sup></b>	
<b>15<sup>00</sup></b>	

December  
M T W T F S S  
1 2 3 4  
5 6 7 8 9 10 11  
12 13 14 15 16 17 18  
19 20 21 22 23 24 25  
26 27 28 29 30 31

# Friday 02 December 2011

<b>9</b> <sup>00</sup>	09:00-09:45 M 2: Paper review, Skopje
<b>10</b> <sup>00</sup>	
<b>11</b> <sup>00</sup>	
<b>12</b> <sup>00</sup>	
<b>13</b> <sup>00</sup>	
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	

December						
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

# Saturday 03 December 2011

<b>9</b> <sup>00</sup>	
<b>10</b> <sup>00</sup>	
<b>11</b> <sup>00</sup>	
<b>12</b> <sup>00</sup>	
<b>13</b> <sup>00</sup>	
<b>14</b> <sup>00</sup>	
<b>15</b> <sup>00</sup>	