

## WORKLOAD ESTIMATION

COURSE:

TEAM:

**Note:** The coefficients given are simplified and an estimation should always be made according to teachers understanding of the material, group and other circumstances.

Credit: 1 ECTS = 27 h

Task	Type	Workload / unit	Workload	Hours	ECTS
<b>Reading</b> (Word count in monography ca. 600/page, textbook 750/page)	<b>Survey:</b> Reading to survey main ideas; OK to skip entire portions of text	20-50 pages / hour in native language. Foreign lang. 60%			
	<b>Understand:</b> Reading to understand the meaning of each sentence	10-20 pages / hour in native language. Foreign lang. 60%			
	<b>Engage:</b> Reading while also working problems, drawing inferences, questioning, and evaluating	4-10 pages / hour in native language. Foreign lang. 60%			
<b>Writing</b> (250 words / page)	<b>Reflection/Narrative:</b> Essays that require very little planning or critical engagement with content	1 h / page			
	<b>Argument:</b> Essays that require critical engagement with content and detailed planning, but no outside research	2 h / page			
	<b>Research:</b> Essays that require detailed planning, outside research, and critical engagement	4 h / page			
<b>Exam preparation</b>	Recap of content and making notes	4-5 h / 1 ECTS in exam			
<b>On-campus teaching</b>	Lectures, seminars, guided exercises etc.	1 h = 0,037 ECTS			
	Independent work / time to think after teaching	1-2 h / hour of teaching			
	Math home exercise / lab work after teaching	3-4 h / hour of teaching			
<b>Group work</b>	Eg. preparation of a presentation	5 h preparation / 1 h presentation			
<b>Other work</b>	All other work, such as excursions.				
<b>TOTAL:</b>					

### Sources:

Rice University. "Course Workload Estimator - Estimation Details" (<https://cte.rice.edu/workload#howcalculated>), referred 15.5.2019.

University of Oulu: "Akateemisen opintojakson työmäärän määrittäminen" ([https://www.oulu.fi/koulutuspalvelut/julkaisut\\_ja\\_materiaalit/verkkomateriaalit/tyoinnaisanalyysi.htm](https://www.oulu.fi/koulutuspalvelut/julkaisut_ja_materiaalit/verkkomateriaalit/tyoinnaisanalyysi.htm)), referred 15.5.2019.

Aalto University (2016). *Estimated and perceived: A guideline on workload by Aalto University pedagogical training*. Training material.

Karjalainen, A., Alha, K. ja Jutila, S. (2006): *Give me time to think - determining student workload in higher education*. University of Oulu, Teaching development unit.



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