WTU & Class Hours Calculation Guide

Weighted Teaching Units (WTUs) are the faculty workload generated for a course. The way in which WTUs are calculated depends upon course classification (CS number). The number of in-class hours a course meets is also dependent on the CS number, along with the student credit units (or component units) for the course.

Definitions and Calculations	
APDB CS Number	Course classification number (sometimes referred to as "mode").
Workload Factor	Multiplier for calculating faculty workload. Each CS number has a workload factor. Workload factor may be k- (C classification courses) or s- (S classification courses).
Component Units	The number of student credit units each student receives for completing the course.
Component Students	The number of students enrolled in the course.
Faculty Workload Calculations: *	
K-factor Classes (C1-C21):	Faculty workload = Component Units x Workload Factor
S-factor Classes (S25,S36,S48):	Faculty workload = Component Students (=enrollment) x Workload Factor
Class Contact Hours	The number of hours a course should be scheduled to meet per week. Each course should be scheduled to meet for a particular number of contact hours per Component Unit based on the CS number.
Class Contact Hours Calculations:	
K-factor Classes (C1-C21):	Class Contact Hours = Component Units x Faculty Contact Hours Per CCU
S-factor Classes (S25,S36,S48):	Not applicable

** C-78 generates zero WTUs regardless of the number of units; faculty workload credit may be assigned using assigned time code 15 if negotiated and approved through the curriculum development process.*

Course Classification Number	APDB C/S No.	Faculty Contact Hours Per CCU	Workload K-Factor
C1	01	1	1.0
C2	02	1	1.0
C3	03	1	1.0
C4	04	1	1.0
C5	05	1	1.0
C6	06	1	1.0
C7	07	2	1.3
C8	08	2	1.3
C9	09	2	1.3
C10	10	2	1.3
C11	11	2	1.3
C12	12	2	1.3
C13	13	2	1.3
C14	14	2	1.3
C15	15	3	1.5
C16	16	3	2.0
C17	17	3	2.0
C18	18	3 or more	6.0
C19	19	3 or more	3.0
C20	20	3 or more	3.0
C21	21	3 or more	3.0
"Supervision" WTU's (CS Numbers below) are computed as enrollment times adjusted factor.			
S1	48	n/a	0.250
S2	36	n/a	0.333
S3	25	n/a	0.500
S4	24	n/a	0.667
S5	23	n/a	1.000
C77	77	zero	0.0
C78	78	zero	0.0

Examples	
K-factor Class **ENGR 215** **Lecture (CS 4), 2 component units** **Lab (CS 16), 1 component unit**	Lecture (CS 4) WTUs = 2 component units x 1.0 workload factor = ***2 WTUs*** Lab (CS 16) WTUs = 2 component units x 2.0 workload factor = ***2 WTUs*** ***Total WTUs for all ENGR 215 components = 4 WTUs*** Lecture (CS 4) WTUs = 2 component units x 1 faculty contact hour = 2 Class Contact Hours Lab (CS 16) WTUs = 2 component units x 3 faculty contact hours = 6 Class Contact Hours ***Total Class Contact Hours for ENGR 215 lab plus lecture = 8 hours per week***
S-factor Class **KINS 499** **Supervision (CS 36),** **any component unit value,** **9 component students (enrollment)**	Supervision (CS 36) WTUs = 9 component students x .333 workload factor = ***3 WTUs*** *Component unit value does not impact faculty workload for S-factor classes. Workload is based only on enrollment and workload factor.* *No specific Class Contact Hours are required for S-factor courses.*