

The background is a solid light green color with several faint, white butterfly silhouettes scattered across it. The butterflies are in various orientations and sizes, some appearing more prominent than others.

FTES Basics

Riverside Community College District – Fall 2022

Important Terms

- Student-Related

 - FTES

 - WSCH/DSCH

- Faculty-Related

 - FTEF

- Efficiency

 - WSCH/FTEF

 - FTES/FTEF

FTES

- Full Time Equivalent Students = FTES
- 1 FTES = 525 contact hours
- The unit of measurement used to determine the amount of apportionment paid to the district by the state.

Where does 525 come from?

● 1 FTES =

1 student

Attending 15 hours per week

2 semesters of 17.5 weeks

15 hrs/week x 17.5 weeks/semester x 2 semesters

= 525 contact hrs

FTES Accounting Methods

Accounting Method	Characteristics
Weekly Census (WSCH)	<ul style="list-style-type: none">• Credit courses• Primary term only• Same # of days per week• Same # of hrs per week
Daily Census (DSCH)	<ul style="list-style-type: none">• Credit courses• Scheduled to meet 5 or more days• Scheduled same # of hrs per day• Short-term
Positive Attendance	<ul style="list-style-type: none">• Short-term – less than 5 days• Irregularly scheduled• Open-entry/open-exit• Apprenticeship, in-service training, non-credit, tutoring
Alternative Attendance	<ul style="list-style-type: none">• Independent study, work experience• DE and hybrid classes

FTES Calculations

Accounting Method	FTES Formulas
Weekly Census (WSCH)	<ul style="list-style-type: none"> • $FTES = (WSCH \times TLM) / 525$ • $WSCH = \text{Weekly Contact Hours (WCH)} \times \text{Number of Students (N)}$ • TLM: 16.4 for RCCD (determined by CCCCCO) • Census Date is Monday of census week (the week nearest to 20% of 16 weeks)
Daily Census (DSCH)	<ul style="list-style-type: none"> • $FTES = (DSCH \times \text{Meeting Days}) / 525$ • $DSCH = \text{Daily Contact Hours (DCH)} \times \text{Number of Students (N)}$
Positive Attendance	<ul style="list-style-type: none"> • $FTES = \text{Total hours of actual attendance} / 525$
Alternative Attendance	<ul style="list-style-type: none"> • $FTES = (\# \text{Students} \times \text{Units} \times TLM^*) / 525$ <i>*TLM is changed to 17.5 for DE and hybrid classes by CCCCCO during 2021-22.</i> • Contract Ed courses (excluded from apportionment)

WSCH – weekly student contact hours

WSCH = # students enrolled x # contact hrs/week

WSCH = N x WCH

Example

- ENG-6:
3 units-meet 3 hrs/week for 18 week calendar,
3.4 hrs/week for 16 week calendar, 35 students
enrolled.
- WSCH for this class ($WSCH=N \times WCH$):

18 weeks: 35 students x 3hrs/wk = 105

16 weeks: 35 students x 3.4hrs/wk=119

FTES Calculations

Term length multiplier
(determined by CCCCCO)



- **Weekly Census:**

$$\text{FTES} = (\# \text{ of students} \times \text{hrs/week} \times \text{TLM}) / 525$$

$$\text{FTES} = (N \times \text{WCH} \times \text{TLM}) / 525$$

- Example: English-6, weekly census, 3 units, 35 students:

Traditional 18 weeks

18 week class meets 3 hrs/week
35 students enrolled, TLM = 17.5
 $\text{FTES} = (35 \times 3 \times 17.5) / 525 = 3.50$

16 weeks

16 week class meets 3.4 hrs/week
35 student enrolled, TLM=16.4
 $\text{FTES} = (35 \times 3.4 \times 16.4) / 525 = 3.72$

FTEF

- Full time equivalent faculty (FTEF)
- 1 FTEF = teaching 15 units (17 lecture or equivalent hrs/wk)
- One 3 units lecture class = 54 contact hrs = 0.2 FTEF
- 1 FTEF = Five 3 unit classes = 0.2×5
- 54 lecture hrs = 0.2 FTEF (CTA contract)
54 lab hrs = 0.15 FTEF (CTA contract)
- 1 lab hr = 0.75 lecture hr (faculty load)
(LHE – lecture hr equivalent)

WSCH/FTEF

- WSCH per FTEF
- This ratio of WSCH to FTEF and is a measurer of workload efficiency.
- A measure of how many WSCH per full time equivalent faculty

WSCH/FTEF

- Formula: $WSCH/FTEF = (N \times WCH) \div FTEF$
- A WSCH/FTEF of **525** for 18 week calendar or **595** for 16 week calendar is considered efficient, providing enough apportionment to pay for instructional costs and college overhead

Example

- ENG-6: 3 units, weekly census, 35 students enrolled.
- $WSCH/FTEF = (N \times WCH) / FTEF$ for 18 week class:
 $WSCH = 35 \text{ students} \times 3 \text{ hrs/wk} = 105$
 $FTEF = 3 \text{ units} = 0.20 \text{ FTEF}$
 $WSCH/FTEF = 105 / 0.2 = 525$
- $WSCH/FTEF = (N \times WCH) / FTEF$ for 16 week class:
 $WSCH = 35 \text{ students} \times 3.4 \text{ hrs/wk} = 119$
 $FTEF = 3 \text{ units} = 0.20 \text{ FTEF}$
 $WSCH/FTEF = 119 / 0.2 = 595$

FTES/FTEF

- FTES per FTEF
- Similar as WSCH/FTEF, this is a measurer of workload efficiency.
- A measure of how many FTES are generated per full time equivalent faculty

FTES/FTEF

- A FTES/FTEF of **17.5** (18 wks) or **18.5** (16wks) is considered efficient, providing enough apportionment to pay for instructional costs and college overhead
- Formula:

$$\text{FTES/FTEF} = \underbrace{(\text{N} \times \text{WCH} \times \text{TLM})}_{\text{FTES}} / 525 \div \text{FTEF}$$

Example

- ENG-6: 3 units, weekly census, 35 students enrolled.
- What is the $FTEF = (N \times WCH \times TLM) / 525 \div FTEF$ for this class?

18 weeks

35 students x 3 hrs/wk x 17.5 weeks = 1837.5 total contact hours

$FTEF = 1837.5 / 525 = 3.5$

$FTEF = 3 \text{ units} = 0.2$

$FTEF / FTEF = 3.5 / 0.2 = 17.5$

16 Weeks

35 students x 3.4 hrs/wk x 16.4 weeks = 1951.6 total contact hours

$FTEF = 1951.6 / 525 = 3.7$

$FTEF = 3 \text{ units} = 0.2$

$FTEF / FTEF = 3.7 / 0.2 = 18.5$

Formulas & Normalize WSCH

TERM	Weekly Census Calculations
WSCH	= N x WCH
FTES	= (N x WCH x TLM)/525 (RCCD TLM=16.4)
WSCH/FTEF	= (N x WCH)/FTEF
FTES/FTEF	= (N x WCH x TLM)/525/FTEF

TERM	Daily Census (Convert DSCH to WSCH)
WSCH equivalent	= (N x DCH x #meeting days)/TLM
FTES	= (N x DCH x #meeting days)/525
WSCH/FTEF	= (N x DCH x #meeting days)/TLM/FTEF
FTES/FTEF	= (N x DCH x #meeting days)/525/FTEF

TERM	Positive Attendance (Convert PAH to WSCH)
WSCH equivalent	= Total positive attendance hrs (PAH)/TLM
FTES	= PAH/525
WSCH/FTEF	= PAH/TLM/FTEF
FTES/FTEF	= PAH/525/FTEF

CCFS-320 Report

● 4 submissions

- P1 – January 15th
- P2 – April 20th
- P3 – July 15th
- Recalculation – November 1st

Other Terms

- Productivity: $FTES = OUTPUT = WORKLOAD = REVENUE$
- Potential FTES: FTES if all classrooms scheduled at capacity
- Target FTES: FTES the college needs to reach to achieve the base plus growth
- Actual FTES: FTES generated by a college in a term

Other Terms

- Fill rate = Enrollment/Capacity
- Scheduling efficiency = Enrolled FTES/Cap FTES
- Wait list count
- Resident FTES vs. Non-resident FTES
- Credit FTES vs. Non-credit FTES
- Census – 20% of the instruction
- FON – faculty obligation number