North Orange County Community College District

Course Scheduling Manual

REV Aug 2023

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16-Week Calendar: General Scheduling Principles and Practices

BACKGROUND

In order to comply with the Student Attendance Accounting Manual, to reduce the possibility of audit findings and to maximize FTES generation, it is crucial that courses are scheduled correctly and adhere to state attendance regulations. To assist faculty coordinators, deans and inputters in this task, a Course Scheduling Manual was developed in 2013 as the District moved to the 16-week condensed calendar. It outlined the conditions for a class to be scheduled and coded correctly in Banner. This is particularly important for classes scheduled in a non-traditional format, such as online classes with labs. This document is an updated version of that manual that provides clearer guidelines for scheduling these non-traditional courses, along with reiterating the importance of inputting correct information into the SSASECT screens during the schedule-building process. Some specific items:

- Total contact hours not course units as defined in the course catalog is the basis for all scheduling practices. Schedule ALL courses to meet (or exceed) the number of catalog hours regardless of method of instruction, term length etc.
- The attendance method must be verified as appropriate for the type of class being scheduled.
- Only one attendance method can be applied to each class.
- For short-term classes, the total number of class meetings must be verified using Attachment B.
- Classes must be scheduled in a permitted class hour configuration with respect to the number of days per week, contact hours per day and per week, and total contact hours.
- Classes must be scheduled to begin and end on five-minute increments. (Every five minutes is one-tenth (0.1) of a class hour.)
- Schedule a 10-min break with each full class hour. In Banner, if a class exceeds 60 minutes, check "Include Break Time" on the meeting record.
- Each class meeting must be scheduled for at least 50 minutes (or back-to-back meeting sessions total >=50 minutes if there is not a break and the meetings are taught consecutively in the same room).
 A class scheduled for less than fifty-minutes is not eligible for apportionment.

Attendance Accounting Methods

		CCOunting Methods	
Attendance Method	Definition	NOCCCD Tips	FTES Formula
WEEKLY (W)	For full-term regularly scheduled classes (i.e., same number of hours each week it is scheduled to meet). Use : In-person learning or synchronous distance education (e.g., Zoom)	DO NOT USE IN SUMMER -Coterminous with the primary term, i.e., starts and ends on the 16-week start/end dates -Must be regularly scheduled (same number of meeting hours each week) -If TBA/ARN hours, have to be the same number of hrs per week, NOT per term -No open-entry	(Weekly Contact Hours * Students * Term Length Multiplier) / 525
DAILY (D)	For regularly scheduled classes (i.e., same number of hours each meeting day) that are less than full-term or scheduled in a summer or winter intersession Use: In-person learning or synchronous distance education (e.g., Zoom)	Must meet same hours each class meeting - Must meet 5 days or more - Cannot be Open Entry/Open Exit - Cannot be Indep Study/Wk Experience - If TBA/ARN hours, have to be the same number of hrs per day, NOT per week/term - If variable units, set up separate CRN for each unit value	(Total Contact Hours * Students) / 525
POSITIVE ATTENDANCE (P)	For course sections that are irregularly scheduled (e.g., class meetings with different numbers of hours or on varying days of the week). Requires that the actual hours the student attends be tracked and reported. Use : Courses that do not satisfy census course rules	Use for these types of courses: - ARN courses (all hours arranged) - Open Entry/Open Exit - Open labs - In-person courses that have field trips - Special project courses - Regularly-scheduled with ARN hrs/term - Courses meeting different total of hours each class meeting - Courses that meet less than 5 times - Any combination of the above	(Total Student Contact Hours) / 525
INDEPENDENT WEEKLY (IW)	For classes that are full-term where instruction occurs outside the traditional classroom setting, such as work experience, online, and independent study. Use : A portion of the class is asynchronous distance education OR the class is Indep Study/Wk Exp	DO NOT USE IN SUMMER Use only for these full-term courses: Independent Study, Online, Hybrid, Internships/Work Study -Must be coterminous with the primary term, i.e., starts and ends on the 16-week start/end dates -Must be regularly scheduled (same number of meeting hours each week)	Lecture-Only Course: (Credit Units * Students*IS TLM 17.5) / 525 Course with lab: Lec: (Lec Credit Units * Students* IS TLM 17.5) / 525 Lab: (Lab Contact Hours * Students * IS TLM 17.5) / 525
INDEPENDENT DAILY (ID)	For classes that are less than full-term where instruction occurs outside the traditional classroom setting, such as work experience, online, and independent study. Use : A portion of the class is asynchronous distance education OR the class is Indep Study/Wk Exp	Use for these short-term courses: Independent Study, Online, Hybrid, Internships/Work Study -May use for full-term courses that are not scheduled for consecutive weeks (e.g., hybrid in-person meetings DO NOT meet on campus at the same day/time for consecutive weeks)	Lecture-Only Course: (Credit Units * Students*IS TLM 17.5) / 525 Course with lab: (Total Contact Hours * Students) / 525
NONCREDIT INDEPENDENT STUDY (I)	For non-credit classes where instruction occurs outside the traditional classroom setting, such as work experience, online, and independent study.	Use for noncredit distance education courses with 2 census dates	
OTHER (O)	For courses that cannot be claimed for apportionment funding	Open labs or funded through other sources: i.e., through an employer	

Online vs Hybrid Classes

The following distinctions were created collaboratively between the Vice Presidents of Instruction at Cypress and Fullerton Colleges to help guide course scheduling in Banner.

FULLY ONLINE CLASS: A course offered fully online (asynchronous or synchronous) with **NO** in-person meetings on campus (e.g., orientations or exams). If any on-campus meetings are needed, the section becomes a Hybrid (see below). For scheduling purposes, fully online classes can be either:

- a) fully asynchronous online,
- b) fully synchronous/Zoom online, or
- c) fully online with both synchronous/Zoom and asynchronous online sessions (no on-campus meetings)

HYBRID CLASS: A course offered online (asynchronous or synchronous) with **any** in-person meetings on campus. For scheduling purposes, hybrid classes can belong to one of these categories:

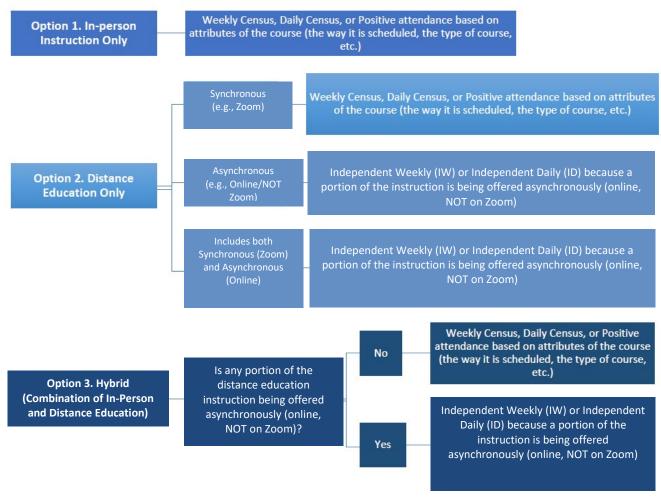
- a) Asynchronous online with on-campus sessions (HYA),
- b) Synchronous online/Zoom with on-campus sessions (HYS)
- c) Asynchronous, synchronous/Zoom, and on-campus sessions (HYO)

SCHEDULING HYBRID SECTIONS: This applies to a course offered online (asynchronous or synchronous) with **any** in-person meetings on campus.

- 1. Regularly scheduled on-campus meetings (class meets on campus at the same day/time for consecutive weeks): One session should be entered into Banner for the online portion (or one session each for online lecture/online lab). One session should be entered into Banner for the on-campus meeting (or one session each for lecture/lab). Contact hours should be split accordingly between sessions.
- 2. Variable on-campus meetings (class DOES NOT meet on campus at the same day/time for consecutive weeks): One session should be entered into Banner for the online portion (or one session each for online lecture/online lab). One session should be entered into Banner for *each* on-campus meeting. However, contact hours do not need to be entered for on-campus meeting sessions, only the online sessions.

NOTE: Zoom sessions that happen in real time with an instructor (i.e., synchronous, interactive, two-way online instruction) should be coded as synchronous online sessions (code 71) with the building/room location noted as ZOOM.

Method of Instruction and Attendance Accounting Guidance from CCCCO



Source: Adapted from CCCCO Memo FS 21-09 Attendance Accounting Guidance for Transitions to In-Person Instruction, October 6, 2021. <a href="https://www.cccco.edu/-/media/CCCCO-Website/College-Finance-and-Facilities/Fiscal-Memos/Fiscal-Memos/2021/fs2109attendanceaccountingguidancefortransitiontoinpersoninsta11y.pdf?la=en&hash=179DFFBB4DADDB62C5D5352B0 01D909F8A2C5C48

Entering Student Contact Hours in Banner

Different attendance accounting methods use different information from the contact hour fields to compute FTES. Therefore, *for each meeting record*, always ensure data are in all three contact hour fields: 1) Hours per day, 2) Hours per week, and 3) Total contact hours

General Calculations

Hours per Day: Compute based upon meeting times unless override box is checked.

Hours per Week: Compute based upon meeting hours x number of meeting days in each week.

Total Contact Hours: Compute based upon number of days x number of hours per day.

Override

- 1) No Override (box unchecked): Break minutes, Hours per day, Hours per Week, and Total Contact hours are computed based upon meeting times.
- 2) Override (box checked): Hours per Day, Hours per week, and Total Contact hours need to be manually entered.

How do the calculations relate to one another?

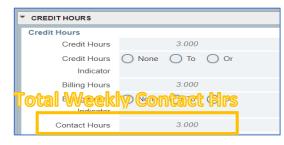
A. On-campus/Synchronous Classes

TOTAL CONTACT HOURS = Course catalog (SSASECT) weekly contact hours x 18

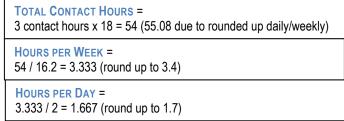
HOURS PER WEEK (Full term) = Total Contact Hours / 16.2 (NOCCCD term length multiplier)

HOURS PER WEEK (Less than full term) = Total Contact Hours/Number of weeks

HOURS PER DAY = Total Contact Hours / Number of Class Meetings



Example for a 3-unit full-term on-campus class meeting 2 times per week (rounded to nearest 0.1 or 5-min interval).



B. Asynchronous Online/Hybrid Classes

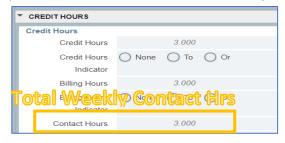
Total Contact Hours = Course catalog (SSASECT) weekly contact hours x 17.5

Hours per Week (Full term) = Total Contact Hours / 17.5 (Distance Education term length multiplier)

Hours per Week (Less than full term) = Total Contact Hours/Number of weeks

Hours per Day = Total Contact Hours / Number of Class Meetings

Example for a 3-unit full-term online class meeting 2 times per week (with rounding to nearest 0.1 or 5-min interval).



Splitting Contact Hours and Credit Hours Between Meeting Sessions

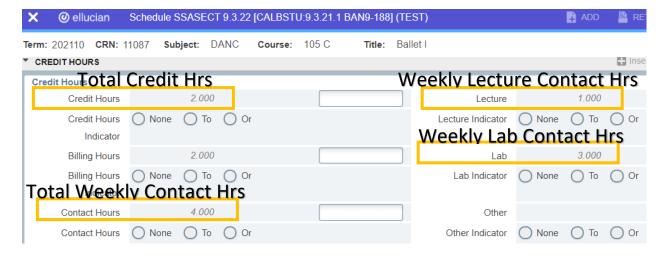
Each meeting session should have the appropriate contact hours allotted. This distinction is especially important for lecture vs lab sessions since there are differences in how this information is used for faculty pay, state reporting, attendance accounting, etc. **See following pages for detailed examples.**

- 1. Review Weekly Contact Hours for each Session Type in "Lecture" or "Lab" fields of SSASECT (see below)
- 2. Determine meeting times for each session based on the weekly contact hours.
- 3. Compute daily, weekly, and total contact hours for each session using information on previous page. Split hours according to contact hours listed for each session type. Also split the session credit hours by lecture/lab.

Special Notes:

When splitting lecture and lab sessions, a session can be entered into Banner with < 50 minutes **IF** it meets the following criteria:

- 1. There is not a break between the lecture and lab sessions
- 2. The lecture and lab sessions are taught consecutively in the same room
- 3. The sum of the contact hours for the back-to-back meeting sessions is >= 50 minutes



Determining Session Credit Hours: Lecture/Lab:

- 1. Lecture Credit Hours = Hours shown in "Lecture" field of SSASECT
- 2. Lab Credit Hours = Total Course Credit Hours Weekly Lecture Hours

Example: Course above has total credit hours = 2.0, lecture credit hour = 1, lab credit hour = 1 (lab credit hours = 2 total credit hrs – 1 lecture credit hrs = 1).

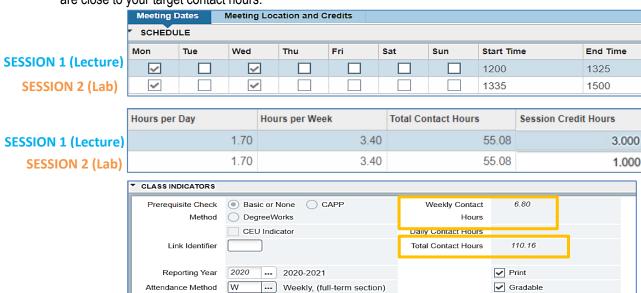
Note: Lecture credit hours in SSASECT are equal to the lecture contact hours (1 lecture credit hour=1 lecture contact hour). However, lab hours in SSASECT are contact hours that can range from 1-4 contact hours per 1 credit hour.

Splitting Contact Hours Example 1: Lecture/Lab (On-campus, Separate Rooms)

Full-term Automotive Technology course with 6 weekly contact hours (3=lecture, 3=lab) and a 10-minute break between lecture and lab sessions (students go to a different room for lab).

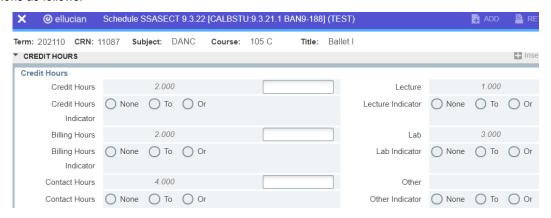


- 1. Determine target total contact hours for the course: 6 contact hours x 18 weeks = 108
- 2. Determine target weekly **LECTURE** contact hours using NOCCCD term length multiplier of 16.2: (3 lecture contact hrs * 18 weeks)/16.2 = 3.33 (round to nearest tenth, 3.4)
- 3. Determine target weekly **LAB** contact hours using NOCCCD term length multiplier of 16.2: (3 lab contact hrs * 18 weeks)/16.2 = 3.33 (round to nearest tenth, 3.4)
- 4. Determine daily contact hours by dividing the weekly hours by number of meeting days: 3.4 weekly hours / 2 meeting days = 1.7 contact hours per day
- 5. Multiply daily contact hours by 50 minutes to determine instructional minutes: 1.7 contact hours per day times 50 minutes = 85 instructional minutes.
- 6. Session 1 (Lecture): Enter the meeting times for the lecture portion of the class (85 instructional minutes). The contact hours for the lecture portion should automatically compute.
- 7. Session 2 (Lab): Enter the meeting times for the lab portion (85 instructional minutes) and the contact hours should automatically compute. Start time of lab session should be 10 minutes after end time of lecture session (passing time).
- 8. Check the weekly contact hours and total contact hours on the course section information tab to ensure they are close to your target contact hours.



Splitting Contact Hours Example 2: Lecture/Lab (On-campus, Continuous)

Full-term Dance class with 4 weekly contact hours (1=lecture, 3=lab) and <u>no break</u> between lecture and lab sessions, which are taught consecutively in the <u>same room</u>. Therefore, it meets the criteria on page 2 and can be split with no break between sessions as follows.

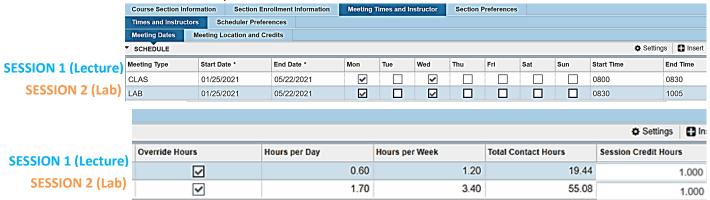


- 1. Determine target total contact hours for the course: 4 contact hours x 18 weeks = 72.
- Check Attachment A for the target instructional minutes and break minutes for the class. Refer to the table that
 matches the Total Catalog Weekly Contact Hours for the course. In this example, total weekly contact hours = 4.0
 and it meets twice per week.

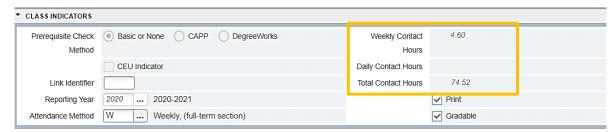
4.0	<< CATALOG WEEKL	Y CONTACT HOUF	ts		Lec LHE	4.000	LAB LHE 3.0	.000					
Number of	Total	CON	TACT HOURS		MINUTES	MINUTES PER CLASS				CLOCK HOUR CLASS SCHEDULE			
Class Meetings	Number	Contact Hours Per Day	Contact Hours Per Week	Total Contact Hours	Instructional	Break	Total	Clock Time	Breaks	Example			
per Week	of Classes	SCH	SCH	SCH	Minutes	Minutes	Minutes	Hrs:Mins	per Class	Meeting Time	e		
1	16	4.5	4.5	72.90	225	30	255	4:15	3@10	8:00 AM - 12:15	5 PM		
2	32	2.3	4.6	74.52	115	10	125	2:05	1@10	8:00 AM - 10:05	5 AM		

- 3. Determine target weekly **LECTURE** contact hours using NOCCCD term length multiplier of 16.2: (1 lecture contact hrs * 18 weeks)/16.2 = 1.11 (round to nearest tenth, 1.2)
- 4. Determine target weekly **LAB** contact hours using NOCCCD term length multiplier of 16.2: (3 lab contact hrs * 18 weeks)/16.2 = 3.33 (round to nearest tenth, 3.4)
- 5. Determine daily contact hours by dividing the weekly hours by number of meeting days:
 - Lecture: 1.2 weekly hours / 2 meeting days = 0.6 contact hours per day
 - Lab: 3.4 weekly hours / 2 meeting days = 1.7 contact hours per day
- 6. Multiply daily contact hours by 50 minutes to determine instructional minutes:
 - O Lecture: 0.6 contact hours per day x 50 minutes = 30 instructional minutes
 - Lab: 1.7 contact hours per day x 50 minutes = 85 instructional minutes
 - Break: If break minutes are listed in Attachment A, add them to either the lecture or lab session. In this
 example, we will add them to the lab session (+ 10 minutes)
- 7. Session 1 (Lecture): Enter the meeting times for the lecture portion of the class (30 instructional minutes): 8:00 to 8:30
- 8. Session 2 (Lab): Enter the meeting times for the lab portion (85 instructional minutes) plus the break minutes (10 minutes) = 95 total minutes. Start time of lab session should be same as end time of lecture session (since class continuously meets in the same room). 8:30 to 10:05
- 9. Because one session is <50 minutes and break times do not get computed properly, you will need to override the hours and enter the Hours per Day, Hours per Week, and Total Contact hours manually to get the correct data for each session.

- 10. Manual Hour Calculations: Use the weekly contact hours and daily hours from steps 3-5 above to complete the fields in the Meeting Location and Credits tab. Adjust the Total Contact Hours for each session to account for any rounding in the Hours per Day and Hours per Week.
 - Lecture: 1.2 hours per week x 16.2 weeks = 19.44 Total Lec Contact Hours
 - o Lab: 3.4 hours per week x 16.2 weeks = 55.08 Total Lab Contact Hours

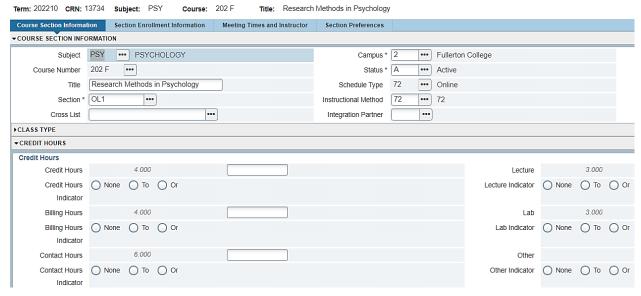


11. Check Attachment A to ensure daily, weekly, and total contact hours as well as total minutes (instructional minutes plus break minutes) for the course are correct.

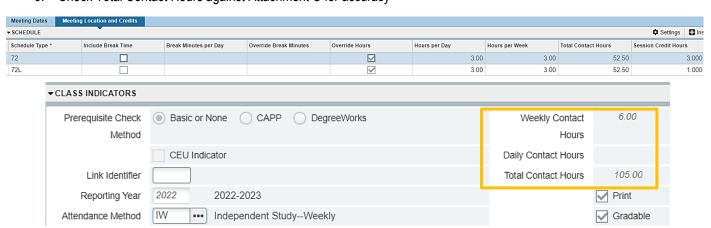


Splitting Contact Hours Example 3: Asynchronous Online Lecture/Lab

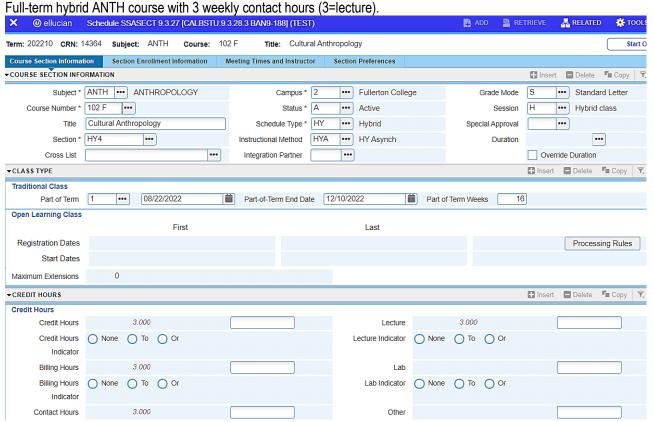
Full-term fully online Psychology course with 6 weekly contact hours (3=lecture, 3=lab).



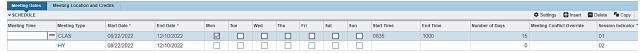
- 1. Determine target total contact hours for the course: 6 contact hours x 17.5 weeks = 105 (see Attachment C).
- 2. Determine target weekly **LECTURE** contact hours using exact SSASECT contact hours for Lecture = 3.0.
- 3. Determine target weekly LAB contact hours using exact SSASECT contact hours for Lab = 3.0.
- 4. Determine session credit hours:
 - Lecture Credit Hours = 3 (See hours shown in "Lecture" field of SSASECT)
 - Lab Credit Hours = 1 (4 Total Course Credit Hours 3 Lecture Hours)
- 5. Determine Total Contact Hours for each session:
 - Lecture: 3 hours per week x 17.5 weeks = 52.5 Total Lec Contact Hours
 - Lab: 3 hours per week x 17.5 weeks = 52.5 Total Lab Contact Hours
- 6. Check Total Contact Hours against Attachment C for accuracy



Splitting Contact Hours Example 4: Full-term Hybrid Class (on-campus lecture and asynchronous online lecture)

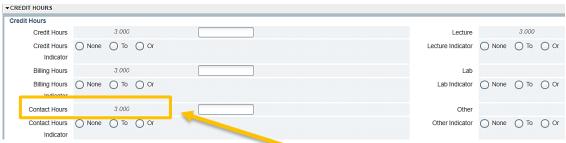


- 1. Determine target total contact hours for the course: 3 contact hours x 17.5 weeks = 52.5 (see Attachment C for Asynchronous Online Contact Hour Table).
- 2. On-campus Session:
 - Schedule on-campus meeting based on faculty preference. In this example, faculty requested that 85 minutes (1.7 hrs) per day be On campus for 1 day per week.
 - Enter days/times on Meeting Dates tab and allow Banner to compute contact hours
 - Enter session credit hours on this line (total lecture credit hours = 3)
 - Once days/times entered correctly, override Total Contact Hours to equal on-campus hrs/week times 17.5. In this example, 1.7 x 17.5 = 29.75.

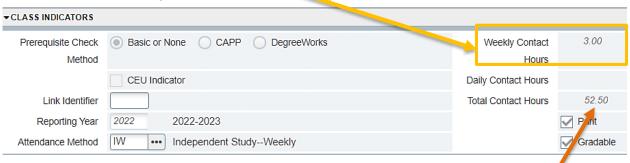


- Asynchronous Online (HY) session:
 - Determine remaining contact hours for the course: 52.5 Total Lec Contact Hours 29.75 = 22.75 HY Contact Hours
 - Determine hours per week by dividing HY Tot Contact Hrs/17.5 weeks: 22.75/17.5 weeks = 1.3 Hrs per Week.
 Enter the same number for Hrs per day.

4. Check Weekly Contact Hours in **Class Indicators** (sum of scheduled weekly contact hours) against Weekly Contact Hours in **Credit Hours** section (from catalog/COR)

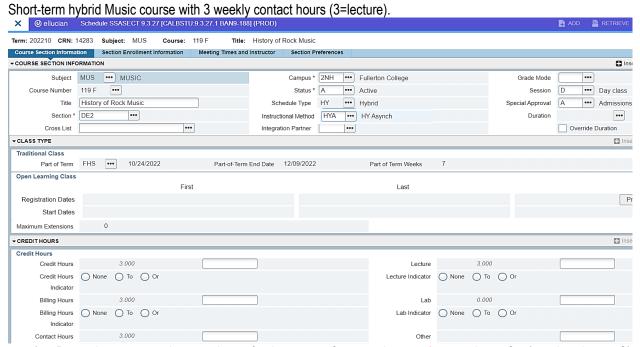


5. Check Total Contact Hours against Attachment C for accuracy.

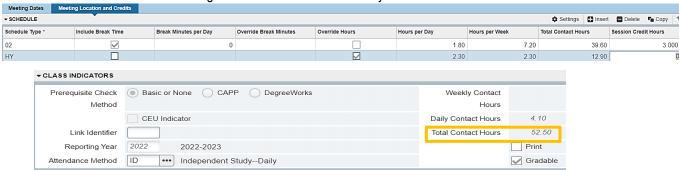


Catalog Contact Hours	Hours per Day	Hours per Week	Total Contact Hous
0.5	0.5	0.5	8.75
1	1	1	17.5
1.5	1.5	1.5	26.25
2	2	2	35
2.5	2.5	2.5	43.75
3	3	3	52.5

Splitting Contact Hours Example 5: Short-term Hybrid Class (on-campus lecture and asynchronous online lecture)



- 1. Determine target total contact hours for the course: 3 contact hours x 17.5 weeks = 52.5 (see Attachment C).
- On-campus Session:
 - Schedule on-campus meeting based on faculty preference. In this example, faculty requested that 90 minutes (1.8 hrs) per day be on campus for 4 days per week.
 - Enter days/times on Meeting Dates tab and allow Banner to compute contact hours
 - Enter session credit hours on this line (total lecture credit hours = 3)
- 3. Asynchronous Online (HY) session:
 - Determine remaining contact hours for the course: 52.5 Target Total Contact Hours 39.6 on-campus contact hours = 12.9 HY contact hours
 - Determine # weeks by dividing the total contact hours from the on-campus meeting by Banner-computed Hours per Week for the on-campus session. In this example, 39.6 Total On-campus Hrs/7.2 Hrs per Week = 5.5
 - Determine hours per week for HY session by dividing HY Tot Contact Hrs/# Weeks: 12.9/5.5 weeks = 2.3 Hrs per Week. Enter the same number for Hrs per day.
- 4. Check Total Contact Hours against Attachment C for accuracy



Scheduling Guide

ON-CAMPUS/IN-PERSON CLASSES

	S	ection Leve					Session Level			
Type of Course (Description)	Attendance Method	Schedule Type	Instruction Method	Session Indicator	Meeting Type	Schedule Type	Daily Student Contact Hours	Weekly Student Contact Hours	Total Student Contact Hours	Comments
Lecture (On campus) Regularly Scheduled	Full Term: W Less than Full Term: D	02 (Lecture)	02	01	CLAS (Lecture)	02 (Lecture)	Banner computed lecture hrs	Banner computed lecture hrs	Banner computed lecture hrs	Check sum of scheduled contact hours for reasonableness (SSASECT Contact Hrs x 18)
Lecture and/or Lab (On campus)		02 (Lecture)	02	01	CLAS (Lecture)	02 (Lecture)	Banner computed lecture hrs	Banner computed lecture hrs	Banner computed lecture hrs	Assume this has meeting days/times entered. Ensure
Irregularly scheduled	Р	04/04E (Lab Only)	04	02	LAB	04/04E (Lab)	Banner computed lab hrs	Banner computed lab hrs	Banner computed lab hrs	session credit hours split according to lec/lab units
Lecture/Lab Combination	Full Term: W	02		01	CLAS (Lecture)	02 (Lecture)	Banner computed lecture hrs	Banner computed lecture hrs	Banner computed lecture hrs	Check sum of scheduled contact hours for reasonableness (SSASECT
(On campus) Regularly scheduled	Less than Full Term: D	(Lecture)	02	02	LAB	04/04E (Lab)	Banner computed lab hrs	Banner computed lab hrs	Banner computed lab hrs	Contact Hrs x 18). Ensure session credit hours split according to lec/lab units
Lecture with Arranged Hrs Lab	Full Term:	02	20	01	CLAS (Lecture)	02 (Lecture)	Banner computed lecture hrs	Banner computed lecture hrs	Banner computed lecture hrs	Ensure session credit hours split according to lec/lab units
(On campus) Regularly scheduled	W	(Lecture)	02	02	ARN	04/04E (Lab)	Same value as weekly hrs	Lab contact hours/16.2	SSASECT Lab Contact Hours x 18	Leave all meeting days/times unchecked; ensure weekly hours entered
Lecture with Arranged Hrs Lab		02		01	CLAS (Lecture)	02 (Lecture)	Banner computed lecture hrs	Banner computed lecture hrs	Banner computed lecture hrs	Ensure session credit hours split according to lec/lab units
(On campus) Irregularly scheduled	Р	(Lecture)	02	02	ARN	04/04E (Lab)	Same value as weekly hrs	Lab contact hours/# Weeks	SSASECT Lab Contact Hours x 18	Leave all meeting days/times unchecked; ensure daily hours entered
Field Experience (In person) Regularly scheduled	Less than Full Term: D	90	90	01	CLAS (Lecture)	90 (Fld Exp)	Banner computed lecture hrs	Banner computed lecture hrs	Banner computed lecture hrs	Assume class is scheduled to meet consistent hrs/day and has >5 class meetings
Field Experience (In person) Irregularly scheduled	Р	90	90	01	CLAS (Lecture)	90 (Fld Exp)	Banner computed lecture hrs	Banner computed lecture hrs	Banner computed lecture hrs	Assume class is NOT scheduled regularly and/or has <5 class meetings

Important Notes (impacts 320 Attendance Accounting): 1) Record weekly student contact hours for all full-term sections (W or IW). 2) Zoom sessions that happen in real time with an instructor (i.e., synchronous, interactive, two-way online instruction) should be coded as synchronous online sessions (code 71) with the building/room location noted as ZOOM. 3) Split session credit hours (i.e., course units) between Lecture and Lab sessions.

NOTE: Schedule Type Code 04E is for courses that have been designated as Extensive Labs by the Extensive Lab Committee. Use 04E in place of 04 for approved on-campus extensive labs.

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SYNCHRONOUS ONLINE (e.g., ZOOM) CLASSES (71)

	(Section Level					Session Level			
Type of Course (Description)	Attendance Method	Schedule Type	Instruction Method	Session Indicator	Meeting Type	Schedule Type	Daily Student Contact Hours	Weekly Student Contact Hours	Total Student Contact Hours	Comments
Lecture (Zoom/ Synchronous Online) Regularly Scheduled	Full Term: W Less than Full Term: D	71 (Synch Lecture)	71	01	CLAS (Lecture)	71 (Synch Lecture)	Banner computed lecture hrs	Banner computed lecture hrs	Banner computed lecture hrs	Check sum of scheduled contact hours for reasonableness (SSASECT Contact Hrs x 18)
Lecture and/or Lab (Zoom/Synchronous				01	CLAS (Lecture)	71 (Synch Lecture)	Banner computed lecture hrs	Banner computed lecture hrs	Banner computed lecture hrs	Assume this has meeting days/times entered. Check sum of scheduled contact
Online) Irregularly scheduled	Р	71 (Synch Lecture) 71L (Synch Lab)	71	02	LAB	71L (Synch Lab)	Banner computed lab hrs	Banner computed lab hrs	Banner computed lab hrs	hours for reasonableness (SSASECT Contact Hrs x 18) Ensure session credit hours split according to lec/lab units
Lecture/Lab Combination	Full Term: W	71 (Synch	71	01	CLAS (Lecture)	71 (Synch Lecture)	Banner computed lecture hrs	Banner computed lecture hrs	Banner computed lecture hrs	Check sum of scheduled contact hours for reasonableness (SSASECT
(Zoom/Synchronous Online) Regularly scheduled	Less than Full Term: D	Lecture)	71	02	LAB	71L (Synch Lab)	Banner computed lab hrs	Banner computed lab hrs	Banner computed lab hrs	Contact Hrs x 18). Ensure session credit hours split according to lec/lab units

SYNCHRONOUS ONLINE (e.g., ZOOM) + ASYNCHRONOUS ONLINE CLASSES (OLZ)

	5	Section Level								
Type of Course (Description)	Attendance Method	Schedule Type	Instruction Method	Session Indicator	Meeting Type	Schedule Type	Daily Student Contact Hours	Weekly Student Contact Hours	Total Student Contact Hours	Comments
Lecture (Zoom and Asynchronous Online)	Full Term: IW	71	OLZ	01	CLAS	71 (Zoom Lecture)	Banner computed hrs	Banner computed hrs	See comments	Assume Zoom session meets at the same day/time for consecutive weeks. Enter all days/times for Zoom meetings then override total contact hours manually to equal hrs/week times 17.5.
Regular Zoom Meetings				02	ONL (Asynch online portion)	72 (Asynch Online Lecture)	Same value as weekly hrs	(SSASECT Lec Contact Hrs) – (Zoom Lec Contact Hrs)	(SSASECT Lec Contact Hrs x 17.5) – (Zoom Lec Total Contact Hrs)	Leave all meeting days/times unchecked; ensure session credit hours entered on this meeting record

Important Notes (impacts 320 Attendance Accounting): 1) Record weekly student contact hours for all full-term sections (W or IW). 2) Zoom sessions that happen in real time with an instructor (i.e., synchronous, interactive, two-way online instruction) should be coded as synchronous online sessions (code 71) with the building/room location noted as ZOOM. 3) Split session credit hours (i.e., course units) between Lecture and Lab sessions. 4) Classes with any portion Asynchronous Online (i.e., NOT Zoom) should use the 17.5 multiplier and one of the alternative attendance accounting methods – ID or IW.

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ASYNCHRONOUS ONLINE CLASSES (72)

ASTNOTINONOUS C							Session Level			
	Se	ction Level					Session Level			
Type of Course (Description)	Attendance Method	Schedule Type	Instructi on Method	Session Indicator	Meeting Type	Schedule Type	Daily Student Contact Hours	Weekly Student Contact Hours	Total Student Contact Hours	Comments
Lecture (Asynchronous Online/Not Zoom)	Full Term: IW	72	72	01	ONL	72 (Online Lecture)	Same value as weekly hrs	SSASECT Lecture Contact Hours	SSASECT Contact hours x 17.5	Leave all meeting days/times unchecked; ensure session credit hours entered
Lecture (Asynchronous Online/Not Zoom)	Less than Full Term: ID	72	72	01	ONL	72 (Online Lecture)	Same value as weekly hrs	Total contact hours/ # Weeks	SSASECT Contact hours x 17.5	Leave all meeting days/times unchecked; ensure session credit hours entered
Lab (Asynchronous Online/Not Zoom)	Full Term: IW	72L	72L	01	ALT	72L (Online Lab)	Same value as weekly hrs	SSASECT Lab Contact Hours	SSASECT Contact hours x 17.5	Leave all meeting days/times unchecked; ensure session credit hours entered
Lab (Asynchronous Online/Not Zoom)	Less than Full Term: ID	72L	72L	01	ALT	72L (Online Lab)	Same value as weekly hrs	Total contact hours/ # Weeks	SSASECT Contact hours x 17.5	Leave all meeting days/times unchecked; ensure session credit hours entered
Lecture/Lab Combination	Full Term: IW	72	72	01	ONL	72 (Online Lecture)	Same value as weekly hrs	SSASECT Lecture Contact Hours	SSASECT LEC Contact hours x 17.5	Leave all meeting days/times unchecked for asynchronous online sessions. Ensure
(Asynchronous Online/ Not Zoom)	ruli Teitii. IVV	12	12	02	ALT	72L (Online Lab)	Same value as weekly hrs	SSASECT Lab Contact Hours	SSASECT LAB Contact hours x 17.5	session credit hours split according to lec/lab units
Lecture/Lab Combination (Asynchronous Online/	Less than Full	72	72	01	ONL	72 (Online Lecture)	Same value as weekly hrs	Total Lecture contact hours/ # Weeks	SSASECT LEC Contact hours x 17.5	Leave all meeting days/times unchecked for asynchronous online portion. Ensure
Not Zoom)	Term: ID	12	12	02	ALT	72L (Online Lab)	Same value as weekly hrs	Total Lab contact hours/ # Weeks	SSASECT LAB Contact hours x 17.5	session credit hours split according to lec/lab units

Important Notes (impacts 320 Attendance Accounting): 1) Record weekly student contact hours for all full-term sections (W or IW). 2) Zoom sessions that happen in real time with an instructor (i.e., synchronous, interactive, two-way online instruction) should be coded as synchronous online sessions (code 71) with the building/room location noted as ZOOM. 3) Split session credit hours (i.e., course units) between Lecture and Lab sessions. 4) Classes with any portion Asynchronous Online (i.e., NOT Zoom) should use the 17.5 multiplier and one of the alternative attendance accounting methods – ID or IW.

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HYBRID ASYNCH CLASSES (HYA) - Asynchronous Online + On campus

HIBRID ASTINC		Section Leve				- aniipuo	Session Level			
Type of Course (Description)	Attendanc e Method	Schedul e Type	Instruction Method	Sessio n Indicat or	Meeting Type	Schedule Type	Daily Student Contact Hours	Weekly Student Contact Hours	Total Student Contact Hours	Comments
Hybrid Lecture (Asynchronous Online with on- campus meetings)	Full Term: IW	НҮ	НҮА	01	CLAS	02 (On-campus Lecture)	Banner computed hrs	Banner computed hrs	See comments	Assume on-campus session meets at the same day/time for consecutive weeks. Enter all days/times for meetings then override total contact hours manually to equal on-campus hrs/week times 17.5.
Regular On- campus Meetings				02	HY (online portion)	HY (Asynch Online Lecture)	Same value as weekly hrs	(SSASECT Lec Contact Hrs) – (On-campus Lec Contact Hrs)	(SSASECT Lec Contact Hrs x 17.5) – (On- campus Lec Total Contact Hrs)	Leave all meeting days/times unchecked; ensure session credit hours entered on this meeting record
Hybrid Lecture (Asynchronous Online with on-	Less than	НҮ	НҮА	01	CLAS	02 (On-campus lecture)	Banner computed hrs	Banner computed hrs	Banner computed hrs	Assume on-campus session meets the same number of hours each meeting day. Enter all days/times for on-campus meetings.
campus meetings) Regular On- campus Meetings	Full Term: ID			02	HY (online portion)	HY (Asynch Online Lecture)	Same value as weekly hrs	Online contact hours/# weeks	(SSASECT Contact hrs x 17.5) – (On-campus Total Contact hrs)	Leave all meeting days/times unchecked; ensure session credit hours entered on this meeting record
Hybrid Lecture (Asynchronous				01	CLAS	02 (On-campus lecture)	Enter zero for hrs	Enter zero for hrs	Enter zero for hrs	Enter all days/times for on- campus meetings
Online with on- campus meetings) Variable On- campus Meetings	ID	HY	HYA	02	HY (online portion)	HY (Asynch Online Lecture)	Same value as weekly hrs	Total contact hours/# weeks	SSASECT Contact Hours x 17.5	Leave all meeting days/times unchecked; ensure session credit hours entered on this meeting record
Hybrid Lab (Asynchronous Online with on- campus meetings)	Full Term: IW	НҮ	НҮА	01	LAB	04/04E (On- campus Lab)	Banner computed hrs	Banner computed hrs	See comments	Assume on-campus session meets at the same day/time for consecutive weeks. Enter all days/times for on-campus meetings then then override total contact hours manually to equal on-campus hrs/week times 17.5.
Regular On- campus Meetings	220 844			02	ALT	HYL (Asynch Online Lab)	Same value as weekly hrs	(SSASECT Lab Contact Hrs) – (On-campus Lab Contact Hrs)	(SSASECT Lab Contact Hrs x 17.5) – (On- campus Lab Total Contact Hrs)	Leave all meeting days/times unchecked; ensure session credit hours entered on this meeting record

Important Notes (impacts 320 Attendance Accounting): 1) Record weekly student contact hours for all full-term sections (W or IW). 2) Split session credit hours (i.e., course units) between Lecture and Lab sessions.

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HYBRID ASYNCH CLASSES (HYA) (Continued) – Asynchronous Online + On Campus

THE RUE AG THOM O		Section Leve					ession Level			
Type of Course (Description)	Attendanc e Method	Schedule Type	Instruction Method	Session Indicator	Meeting Type	Schedule Type	Daily Student Contact Hours	Weekly Student Contact Hours	Total Student Contact Hours	Comments
Hybrid Lecture/Lab Combination (Asynchronous Online with on-campus	Full Term:	HY	HYA	01	LAB	04/04E (On- campus Lab)	SSASECT Lab Contact Hours/ days per week	SSASECT Lab Contact Hours	SSASECT LAB Contact hours x 17.5	Enter all days/times for on- campus meetings then override contact hours manually
meetings) Regular On-campus Meetings	IW	П	ПТА	02	HY (online lecture)	HY (Asynch Online Lecture)	Same value as weekly hrs	SSASECT Lecture Contact Hours	SSASECT LEC Contact hours x 17.5	Leave all meeting days/times unchecked; ensure session credit hours split between lecture/lab sessions
				01	CLAS	02 (On-campus lecture)	Banner computed hrs	Banner computed hrs	See comments	Assume on-campus session meets at the same day/time for consecutive weeks. Enter
Hybrid Lecture/Lab Combination				02	LAB	04/04E (On- campus Lab)	Banner computed hrs	Banner computed hrs	See comments	all days/times for on-campus meetings then override total contact hours manually to equal on-campus hrs/week times 17.5.
(Asynchronous Online with on-campus meetings) Regular On-campus Meetings	Full Term: IW	НҮ	НҮА	03	HY (online lecture)	HY (Asynch Online Lecture)	Same value as weekly hrs	(SSASECT Lec Contact Hrs) – (On- campus Lec Contact Hrs)	(SSASECT Lec Contact Hrs x 17.5) – (On- campus Lec Total Contact Hrs)	Leave all meeting days/times unchecked. Ensure all LECTURE session credit hours entered on this meeting record
				04	ALT	HYL (Asynch Online Lab)	Same value as weekly hrs	(SSASECT Lab Contact Hrs) – (On-campus Lab Contact Hrs)	(SSASECT Lab Contact Hrs x 17.5) – (On- campus Lab Total Contact Hrs)	Leave all meeting days/times unchecked. Ensure all LAB session credit hours entered on this meeting record
				01	CLAS	02 (On-campus lecture)	Enter zero for hrs	Enter zero for hrs	Enter zero for hrs	Enter all days/times for on- campus meetings
				02	LAB	04/04E (On- campus Lab)	Enter zero for hrs	Enter zero for hrs	Enter zero for hrs	Enter all days/times for on- campus meetings
Hybrid Lecture/Lab Combination (Asynchronous Online with On campus meetings) Variable On-campus	ID	НҮ	НҮА	03	HY (online lecture)	HY (Asynch Online Lecture)	Same value as weekly hrs	SSASECT Lecture Contact Hours	SSASECT Contact hours x 17.5	Leave all online meeting days/times unchecked; Ensure all LECTURE session credit hours entered on this meeting record
Meetings				04	ALT	HYL (Asynch Online Lab)	Same value as weekly hrs	SSASECT Lab Contact Hours	SSASECT Contact hours x 17.5	Leave all online meeting days/times unchecked. Ensure all LAB session credit hours entered on this meeting record

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HYBRID SYNCH CLASSES (HYS) - Synchronous Online/Zoom + On Campus

	S	Section Leve	el				Session Level			
Type of Course (Description)	Attendanc e Method	Schedule Type	Instruction Method	Sessio n Indicat or	Meeting Type	Schedule Type	Daily Student Contact Hours	Weekly Student Contact Hours	Total Student Contact Hours	Comments
Hybrid Lecture (Synchronous Online/Zoom with	Full Term: W			01	CLAS	02 (On-campus Lecture)	Banner computed hrs	Banner computed hrs	Banner computed hrs	Check sum of scheduled contact
on-campus meetings) Regular On- campus Meetings	Short Term: D	HY	HYS	02	CLAS	71 (Synch Lecture)	Banner computed hrs	Banner computed hrs	Banner computed hrs	hours for reasonableness (SSASECT Contact Hrs x 18)
Hybrid Lecture/Lab Combination (Zoom/Synchronous	Full Term: W	НҮ	HYS	01	CLAS (Lecture)	71 (Synch Lecture)	Banner computed lecture hrs	Banner computed lecture hrs	Banner computed lecture hrs	Check sum of scheduled contact hours for reasonableness
Online Lecture with on-campus labs) Regularly scheduled	Less than Full Term: D	пт	птъ	02	LAB	04/04E (On- campus Lab)	Banner computed lab hrs	Banner computed lab hrs	Banner computed lab hrs	(SSASECT Contact Hrs x 18). Ensure session credit hours split according to lec/lab units

HYBRID OTHER CLASSES (HYO) - Synchronous Online/Zoom + Asynchronous Online + On Campus

	S	Section Leve								
Type of Course (Description)	Attendanc e Method	Schedule Type	Instruction Method	Sessio n Indicat or	Meeting Type	Schedule Type	Daily Student Contact Hours	Weekly Student Contact Hours	Total Student Contact Hours	Comments
Hybrid Lecture				01	CLAS	02 (On-campus/ lecture)	Banner computed hrs	Banner computed hrs	See comments	Assume on-campus/Zoom sessions meet at the same day/time for consecutive weeks.
(Synchronous Online/Zoom + Asynchronous Online + on-campus	Full Term: IW	НҮ	НҮО	02	CLAS	71 (Synch Lecture)	Banner computed hrs	Banner computed hrs	See comments	Enter all days/times for on- campus/Zoom meetings then override total contact hours manually to equal hrs/week times 17.5.
meetings) Regular On- campus Meetings				03	HY (online lecture)	HY (Asynch Online Lecture)	Same value as weekly hrs	(SSASECT Lec Contact Hrs) – (On-campus Lec Contact Hrs)	(SSASECT Lec Contact Hrs x 17.5) – (On- campus Lec Total Contact Hrs)	Leave all meeting days/times unchecked. Ensure all LECTURE session credit hours entered on this meeting record

Important Notes (impacts 320 Attendance Accounting): 1) Record weekly student contact hours for all full-term sections (W or IW). 2) Zoom sessions that happen in real time with an instructor (i.e., synchronous, interactive, two-way online instruction) should be coded as synchronous online sessions (code 71) with the building/room location noted as ZOOM. 3) Split session credit hours (i.e., course units) between Lecture and Lab sessions.

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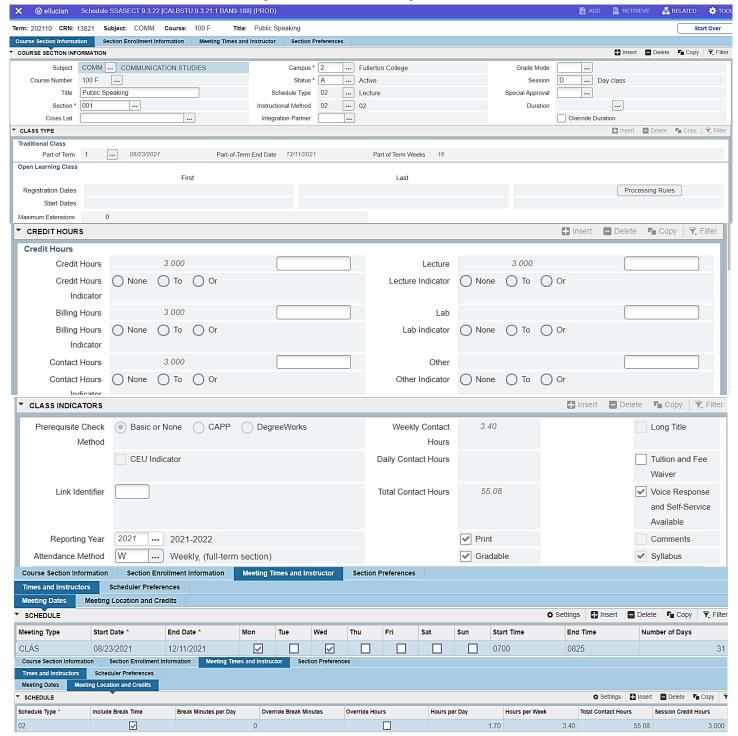
INDEPENDENT STUDY/WORK EXPERIENCE CLASSES

INDEPENDENT 3		ection Level								
Type of Course (Description)	Attendance Method	Schedule Type	Instruction Method	Session Indicator	Meeting Type	Schedule Type	Daily Student Contact Hours	Weekly Student Contact Hours	Total Student Contact Hours	Comments
Independent Study/Work	Full Term: IW	20	20 40 (Same as	01	CLAS	02 (On-campus lecture)	Banner computed lecture hrs	Banner computed lecture hrs	See comments	Enter all days/times for on- campus meetings then override total contact hours manually to equal on-campus hrs/week times 17.5.
Experience (Lecture Only)		40	CRN Schedule Type)	02	ARN	20 (Wk Exp) 40 (Ind Study)	Same value as weekly hrs	(SSASECT Contact Hrs) – (On-campus Contact Hrs)	(SSASECT Contact hrs x 17.5) – (On- campus Total Contact hrs)	Leave all meeting days/times unchecked; ensure session credit hours entered
Independent			20 40	01	CLAS	02 (On-campus lecture)	Banner computed hrs	Banner computed hrs	Banner computed hrs	Assume this has meeting days/times entered
Study/Work Experience (Lecture Only)	Less than Full Term: ID	20 40	(Same as CRN Schedule Type)	02	ARN	20 (Wk Exp) 40 (Ind Study)	Same value as weekly hrs	Total ARN contact hours/# Weeks	(SSASECT Contact hrs x 17.5) – (On- campus Total Contact hrs)	Leave all meeting days/times unchecked; ensure session credit hours entered
Independent Study/Work Experience with Lab Hours	Full Term: IW	20 40	20 40 (Same as CRN Schedule Type)	01	ALT	20 (Wk Exp) 40 (Ind Study)	Same value as weekly hrs	SSASECT Contact Hours	SSASECT Contact hours x 17.5	Leave all meeting days/times unchecked; ensure session credit hours entered
Independent Study/Work Experience with Lab Hours	Less than Full Term: ID	20 40	20 40 (Same as CRN Schedule Type)	01	ALT	20 (Wk Exp) 40 (Ind Study)	Same value as weekly hrs	Total Contact Hours/# Weeks	SSASECT Contact hours x 17.5	Leave all meeting days/times unchecked; ensure session credit hours entered

NOTE: The Scheduling Guide is not a comprehensive list of all possible scheduling configurations, but rather displays the most common scenarios.

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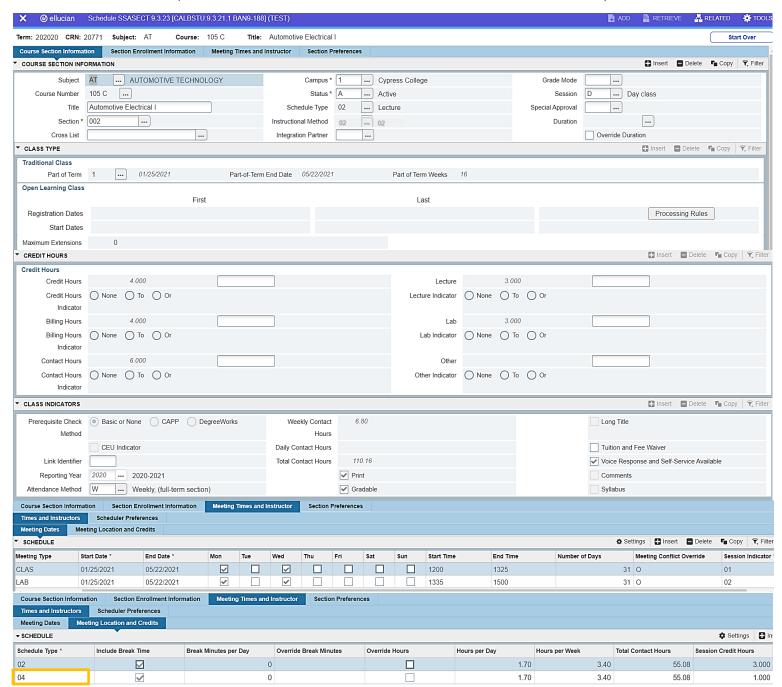
Example: On-campus Lecture



Important Note (impacts 320 Attendance Accounting): Ensure weekly student contact hours entered for all full-term sections (W or IW).

Example: On-campus Lecture/Lab

(Includes a 10-minute break between lecture and lab sessions)

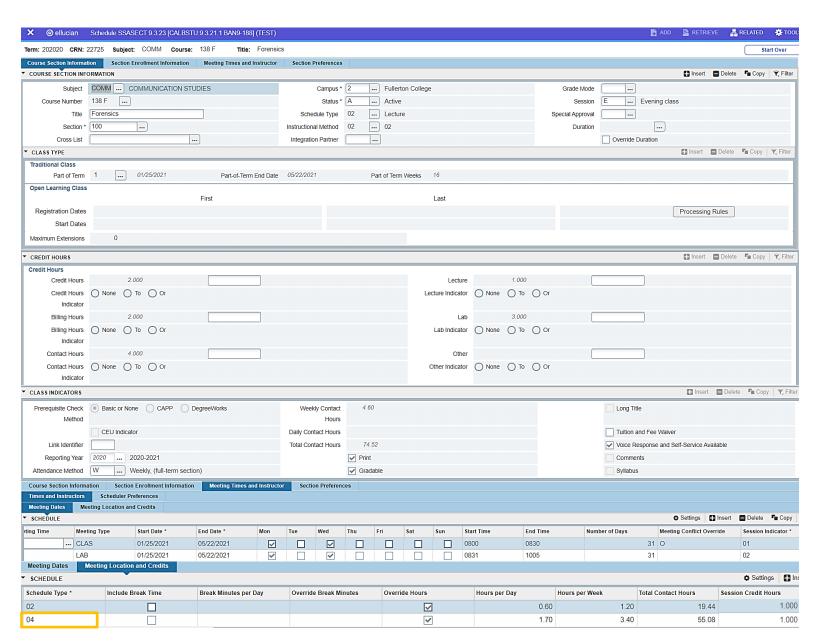


Important Note (impacts 320 Attendance Accounting): Ensure weekly student contact hours entered for all full-term sections (W or IW).

^{*}Schedule Type Code 04E is for courses that have been designated as Extensive Labs by the Extensive Lab Committee. Use 04E in place of 04 for approved on-campus extensive labs.

Example: On-Campus Lecture/Lab (Continuous)

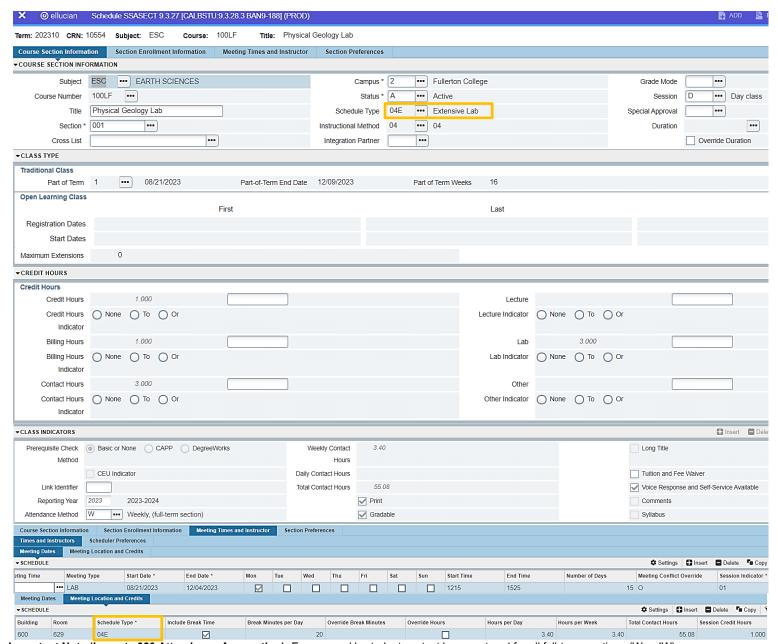
(Does not have a break between lecture and lab sessions, taught consecutively in the same room)



NOTE: This class has 4 weekly contact hours (1=lecture, 3=lab) and no break between lecture and lab sessions, which are taught consecutively in the same room. Therefore, the lecture session can be entered into Banner for < 50 minutes since it meets the criteria on page 8. Hours need to be overridden in Banner to compute correctly. Check Appendix A to ensure total contact hours for the course are correct.

^{*}Schedule Type Code 04E is for courses that have been designated as Extensive Labs by the Extensive Lab Committee. Use 04E in place of 04 for approved on-campus extensive labs.

Example: On-campus Extensive Lab

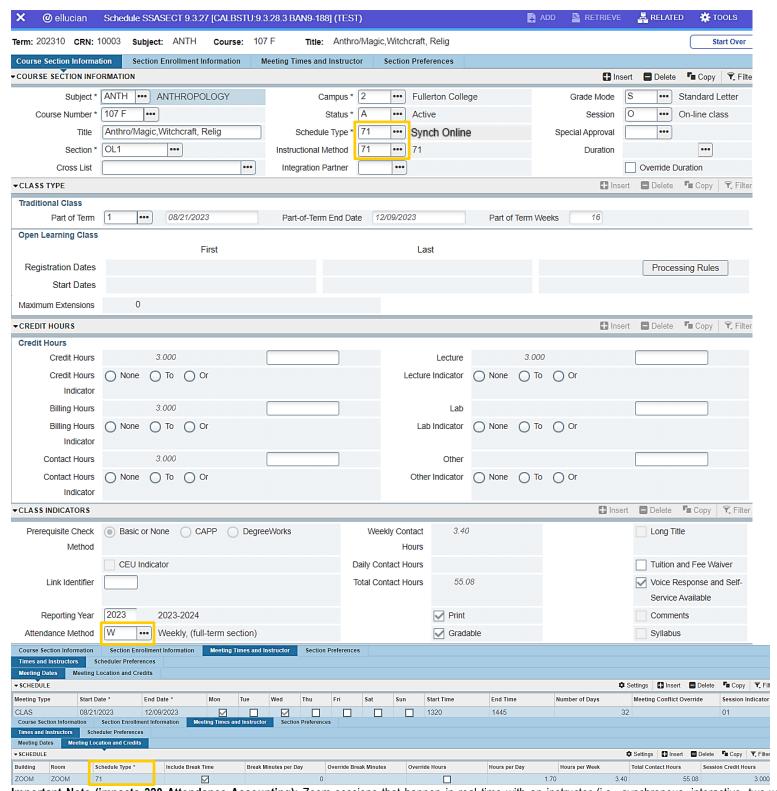


Important Note (impacts 320 Attendance Accounting): Ensure weekly student contact hours entered for all full-term sections (W or IW).

^{*}Schedule Type Code 04E is for courses that have been designated as Extensive Labs by the Extensive Lab Committee. Use 04E in place of 04 for approved on-campus extensive labs.

Example: Synchronous Online (e.g., Zoom) Lecture

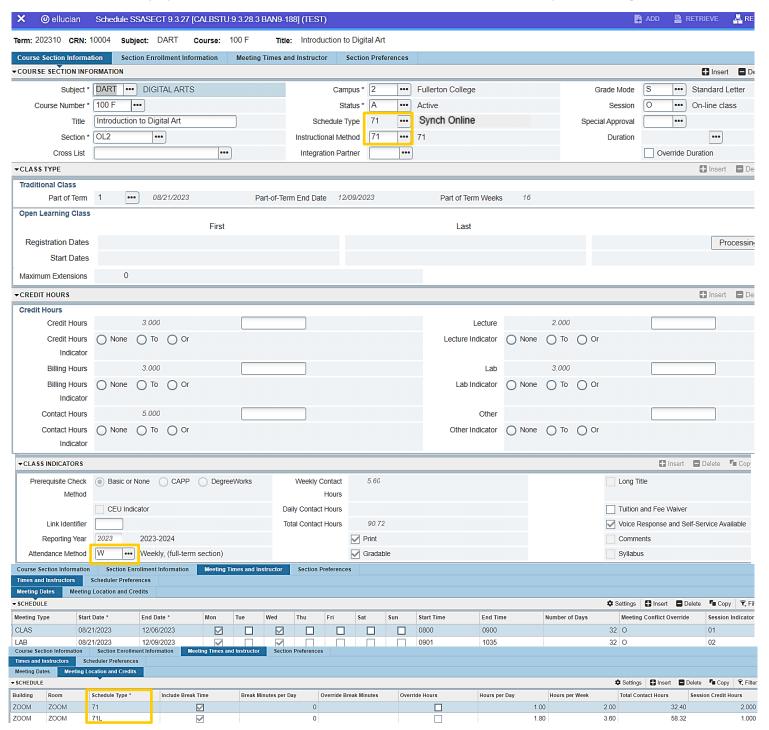
(Fully synchronous online lecture with no on-campus meetings)



Important Note (impacts 320 Attendance Accounting): Zoom sessions that happen in real time with an instructor (i.e., synchronous, interactive, two-way online instruction) should be coded as synchronous online sessions (code 71) with the building/room location noted as ZOOM and use one of the following attendance accounting methods: W, D, or P.

Example: Synchronous Online (e.g., Zoom) Lecture/Lab

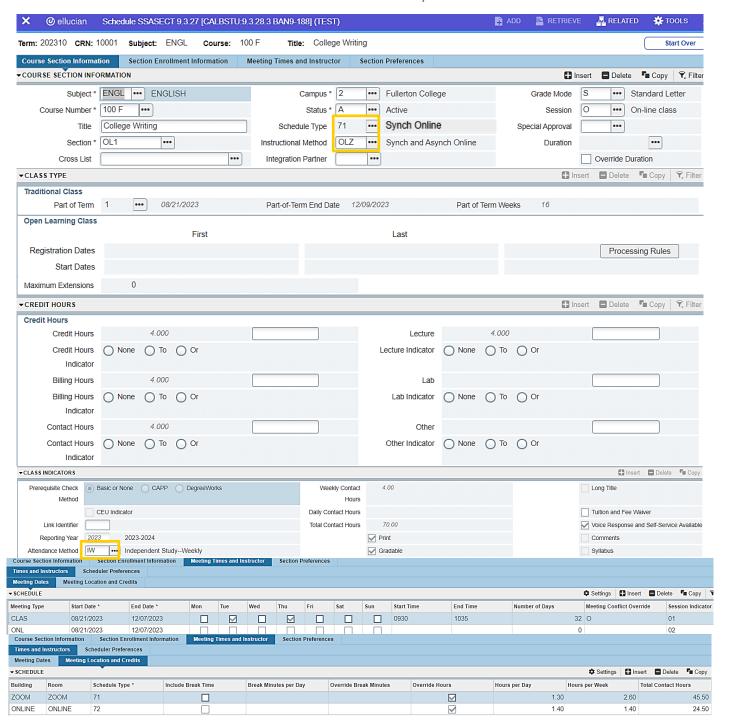
(Fully synchronous online lecture and lab class with no on-campus meetings)



Important Note (impacts 320 Attendance Accounting): Zoom sessions that happen in real time with an instructor (i.e., synchronous, interactive, two-way online instruction) should be coded as synchronous online sessions (code 71) with the building/room location noted as ZOOM and use one of the following attendance accounting methods: W, D, or P. Split session credit hours (i.e., course units) between Lecture and Lab sessions.

Example: Synchronous/Asynchronous Online (OLZ)

(Asynchronous Online with Synchronous Online/Zoom meetings regularly scheduled for same day/time for consecutive weeks)

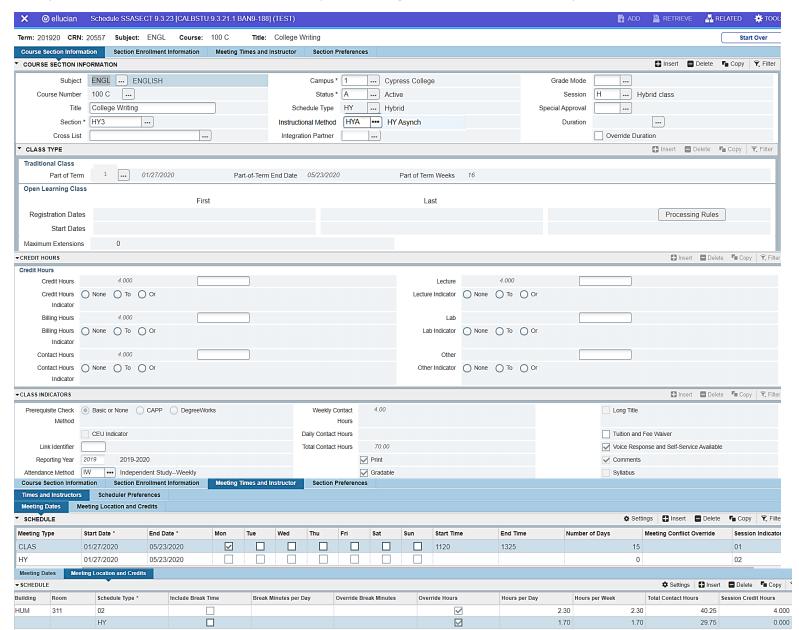


NOTE: See definition of Hybrid on page 5. Refer to Attachment C to confirm 17.5 multiplier contact hours for course with asynchronous online portion.

Important Note (impacts 320 Attendance Accounting): 1) Ensure attendance accounting method = IW for full-term CRNs with any portion asynchronous online (i.e., not ZOOM). 2) Use a 17.5 multiplier for Total Contact Hours if the course has any portion asynchronous online (i.e., not ZOOM). 3) Ensure weekly student contact hours entered for all full-term sections (W or IW).

Example: Asynch Hybrid Lecture (HYA), Regular Meetings

(Asynchronous online session with on-campus meetings scheduled for same day/time for consecutive weeks)

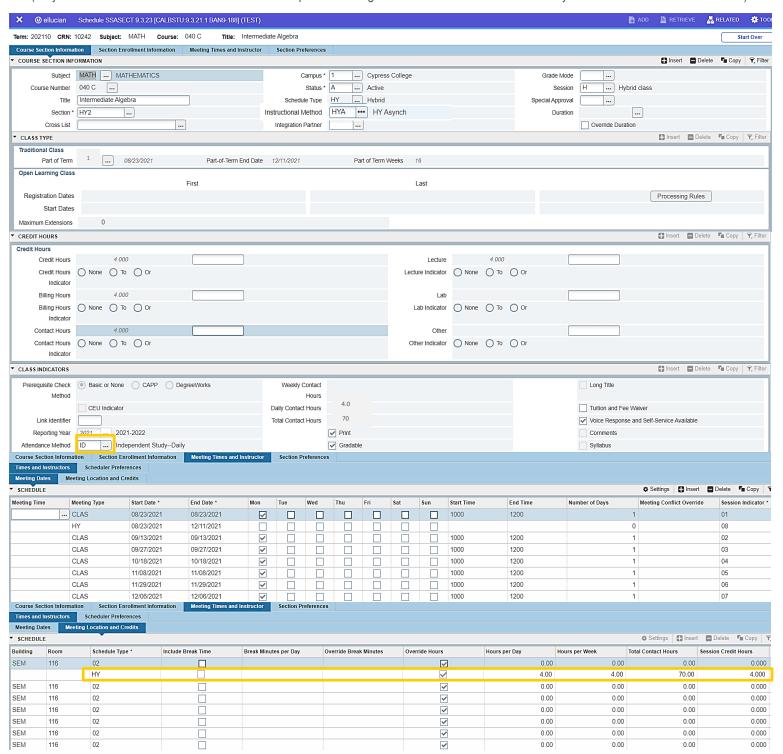


NOTE: See definition of Hybrid on page 5. Refer to Attachment C to confirm contact hours for course with asynchronous online portion.

Important Note (impacts 320 Attendance Accounting): Ensure weekly student contact hours entered for all full-term sections (W or IW).

Example: Asynch Hybrid Lecture (HYA), Variable Meetings

(Asynchronous online session with on-campus meetings NOT scheduled for same day/time for consecutive weeks)



NOTES: See definition of Hybrid on page 5. Refer to Attachment C to confirm contact hours for asynchronous online course.

Example: Asynch Hybrid Lecture/Lab (HYA), Regularly Scheduled

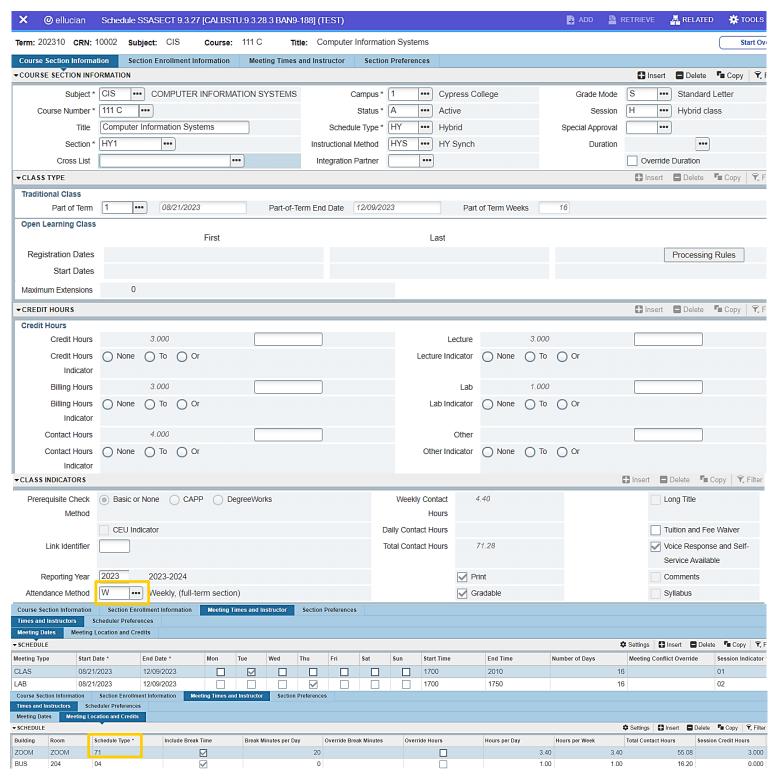
(Labs scheduled on campus for same day/time for consecutive weeks, lecture component asynchronous online)

X @ ellucian	Schedule	SSASECT 9.3.23 [CALE	STU:9.3.21.1 BA	19-188] (TEST)									ADD	RETRIEVE	♣ RELATED 🌣 TOC
Term: 202020 CRN: 2	20335 S u	ibject: CHEM Coul	se: 211AF	Title: Organic	Chemistry I										Start Over
Course Section Informat	_	ction Enrollment Informati	on Meeting Tim	es and Instructor	Section Prefere	ences									
COURSE SECTION INFO						-								Insert Del	ete ™ Copy Filter
Subject		- CHEMISTRY					- Fullerton (College				de Mode			
Course Number Title	211AF Organic C	hemistry I			Schedule T		Active			Special /	Session H	Hybrid class	S		
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Open Learning Class			First					Last							
Registration Dates			1 1101					200						Processing Rules	
Start Dates															
Maximum Extensions	0														
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Prerequisite	Check	Basic or Non	CAPF	O Degre	eeWorks		Week	ly Contac	t 9.00)				Long Title	
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		CEU Indicato	r				Daily Con	tact Hours	3					Tuition and Fe	ee Waiver
Link Id	entifier						Total Con	tact Hours	157.5	50			5	Voice Respon	nse and Self-
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Reportir									_				_		
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Times and Instructors	_	eduler Preferences	mee mee	ung miles and ii	istructor Sec	don Freierences	•								
Meeting Dates N	leeting Loc	ation and Credits													
SCHEDULE															Delete 🔓 Copy 🥤
Meeting Type	Start Date	* End Date	* Mor	Tue	Wed Thu	Fri	Sat		start Time	End Time		Number of Days		g Conflict Override	Session Indicator *
LAB	01/25/20					V			1455	1805			32 O		01
HY	01/25/20	05/22/20	21										0 0		02
Course Section Infor	mation	Section Enrollment Ir	formation M	eeting Times and	d Instructor	Section Preferer	nces								
Times and Instructor	_	eduler Preferences													
	Meeting Lo	cation and Credits													
▼ SCHEDULE			_		-		-								♣ Insert ■ Delete
Schedule Type *	Incl	ude Break Time	Break Minut	es per Day	Override Brea	ak Minutes	Override F		Hours	per Day		per Week	Total Contac		sion Credit Hours
04 HY											3.00		6.00	105.00 52.50	2.000 3.000

Important Notes (impacts 320 Attendance Accounting): 1) Use a 17.5 multiplier for Total Contact Hours if the course has any portion asynchronous online (i.e., not ZOOM). Refer to Attachment C to confirm contact hours for asynchronous online course. 2) Ensure weekly student contact hours entered for all full-term sections (W or IW). 3) Split session credit hours (i.e., course units) between Lecture and Lab sessions.

Example: Synch Hybrid Lecture/Lab (HYS), Regularly Scheduled

(Synchronous online lecture with on-campus lab scheduled for same day/time for consecutive weeks)



Important Notes (impacts 320 Attendance Accounting): 1) Use Weekly (W) attendance accounting method since NO asynchronous online portion. 2) Ensure weekly student contact hours entered for all full-term sections (W or IW). 3) Split session credit hours (i.e., course units) between Lecture and Lab sessions.

Example: Synch Hybrid Lecture/Extensive Lab (HYS)

(Synchronous online lecture with on-campus extensive lab scheduled for same day/time for consecutive weeks)

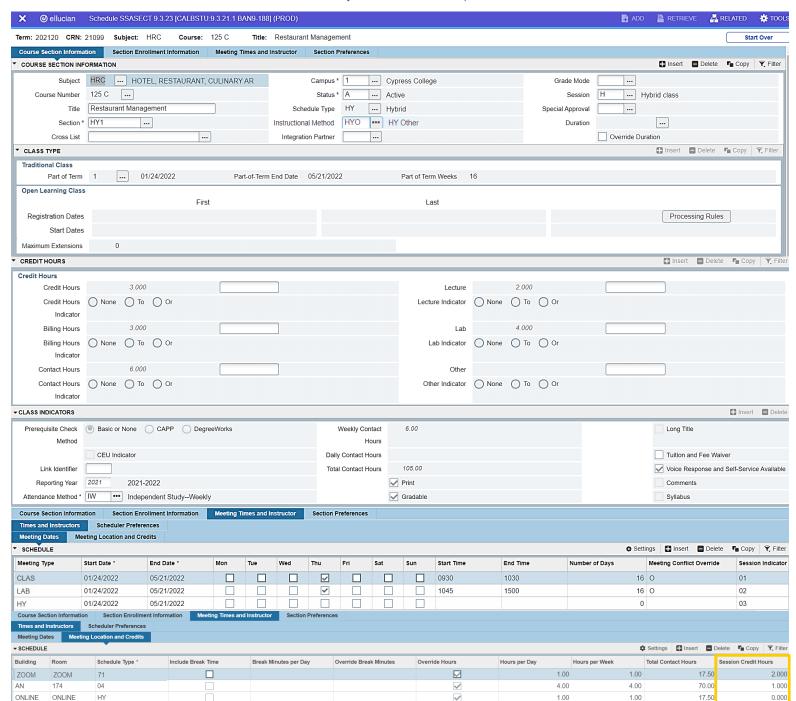
X @	ellucian	Schedule S	SSASECT 9.	3.27 [CALBSTU:9	.3.28.3 I	BAN9-18	8] (PROD)												ADD 🖺		
Term: 2023	10 CRN: 1	12231 Su t	oject: BIOL	Course: 23	31 C	Title:	General	Human Anat	omy												
Course Sec	tion Informa	tion Sec	tion Enrollme	nt Information	Meeting	Times and	i Instructor	Section I	Preferences												
▼COURSE SI	ECTION INFO	RMATION																			
	Subject	BIOL •••	BIOLOG	Y					Campus *	1	•••	Cypress C	ollege				Grade Mode		•••		
Course	se Number		•••						Status *			Active	olicge								
Cours					1																
	Title	General H			dule Type	HY	\equiv	Hybrid				,	Special Approval								
	Section *	HYA •••							al Method	HYS	•••	HY Synch					Duration				
	Cross List			•••				Integration	on Partner		•••							Ove	rride Duration		
▼CLASS TY	PE																				
Traditiona	al Class																				
P	Part of Term	1 ••	08/21/	2023	Pa	art-of-Term	End Date	12/09/202	3		Part of	Term Week	rs 16								
Open Lea	rning Class																				
				F	irst								Last								
Registra	ation Dates																				
5	Start Dates																				
Maximum	Extensions	0																			
▼CREDIT HO	OURS																				
Credit Hou	urs																				
	redit Hours		4.000										Lect	ıre	3.000						
C	redit Hours	○ None	() To (Or									Lecture Indica	tor Nor	пе () То	O Or					
	Indicator	O Homo	0 0	,									200taro maroc		0	0 0.					
D	illing Hours		4.000				\neg							ab	3.000						
		0															L				
В	illing Hours	O None	O TO C) Or									Lab Indica	tor O Nor	ne O To	Or					
	Indicator						_														
Cor	ntact Hours		6.000										Ot	ner							
Cor	ntact Hours	O None	O To C) Or									Other Indica	tor O Nor	пе (То	Or					
	Indicator																				
▼CLASS IND	OICATORS																		Insert ■ Dele		
Prerequi	isite Check	Basic or N	lone CA	PP DegreeWo	rks			Weekl	y Contact	6.80							Long Titl	е			
	Method								Hours												
		CEU Indic	ator					Daily Cont	act Hours								Tuition a	nd Fee Waive	er		
Lin	ık Identifier							Total Cont	act Hours	110.10	6						✓ Voice Re	sponse and	Self-Service Availabl		
Repo	orting Year	2023	2023-2024							✓ Print							Commer	nts			
Attendan	ice Method	W •••	Weekly, (full-	-term section)						✓ Gradal	ble						Syllabus				
	tion Informatio		Enrollment Info	rmation Meeting 1	limes and l	Instructor	Section P	references													
Times and I Meeting Dat		Scheduler Pre																			
▼ SCHEDULE		ig Location and	Credits														☼ Setting	s 🖪 Insert	□ Delete □ Cop		
ting Time	Meeting	Type	Start Date *	End Date *		Mon	Tue W	ed Thu	Fri	Sat	Sun	Start Ti	me End	Γime	Number of I	Days	Meeting Confli		Session Indicator		
	··· CLAS		08/21/2023	12/09/2023			⋈						105				16		01		
	CLAS		08/21/2023	12/09/2023									105)			15		02		
	LAB		08/21/2023	12/09/2023								1120	143)			15		03		
Meeting Da		ng Location and	Credits														* 0 m		Date Bo		
▼ SCHEDULE Building	Room	Schedule '	Duno 8	Include Break Time		Dron': **	utes per Day	0	Break Minute		Override I	Houre	Hours per D		Hours per Weel	,	Total Contact Hour		Delete Copy		
ZOOM	KOOM	71	iype -	Include Break Time		preak Mint	utes per Day	0 Override	DIESK MINUTE	15	overriae i	Hours	Hours per D	1.70	nours per Weel	1.70	TOTAL CONTACT HOU	27.54 Ses	3.000		
SEM	210	02		<u>✓</u>				0						1.70		1.70		27.54	0.000		
SEM	216	04E		V				20				$\overline{\Box}$		3.40		3.40		55.08	1.000		

Important Notes (impacts 320 Attendance Accounting): 1) Use Weekly (W) attendance accounting method since NO asynchronous online portion. 2) Ensure weekly student contact hours entered for all full-term sections (W or IW). 3) Split session credit hours (i.e., course units) between Lecture and Lab sessions.

^{*}Schedule Type Code 04E is for courses that have been designated as Extensive Labs by the Extensive Lab Committee. Use 04E in place of 04 for approved on-campus extensive labs.

Example: Hybrid Lecture/Lab/Synch/Asynch (HYO), Regularly Scheduled

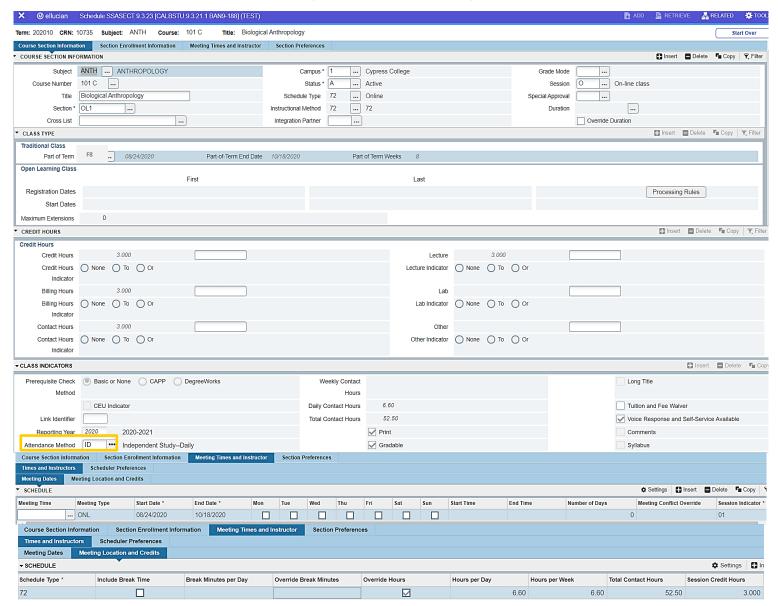
(Labs scheduled on campus for same day/time for consecutive weeks, lecture components Synchronous Online/Zoom and Asynchronous Online)



Important Notes (impacts 320 Attendance Accounting): 1) Use exact weekly contact hours for Hours per Week and use a 17.5 multiplier for Total Contact Hours if the course has any portion asynchronous online (i.e., not ZOOM). Refer to Attachment C to confirm contact hours for asynchronous online course. 2) Ensure weekly student contact hours entered for all full-term sections (W or IW). 3) Split session credit hours (i.e., course units) between Lecture and Lab sessions. Enter all lecture credit hours on first lecture line and all lab credit hours on first lab line.

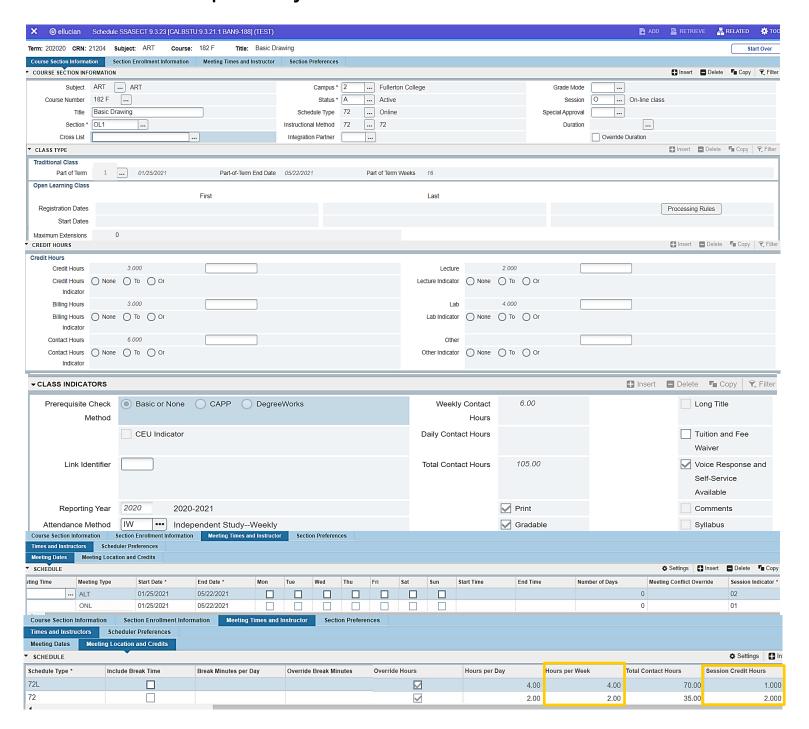
Example: Asynchronous Online Lecture

(Less than full-term class)



NOTE: See definition of Online class on page 5. Refer to Attachment C to confirm total contact hours for asynchronous online course using 17.5 multiplier.

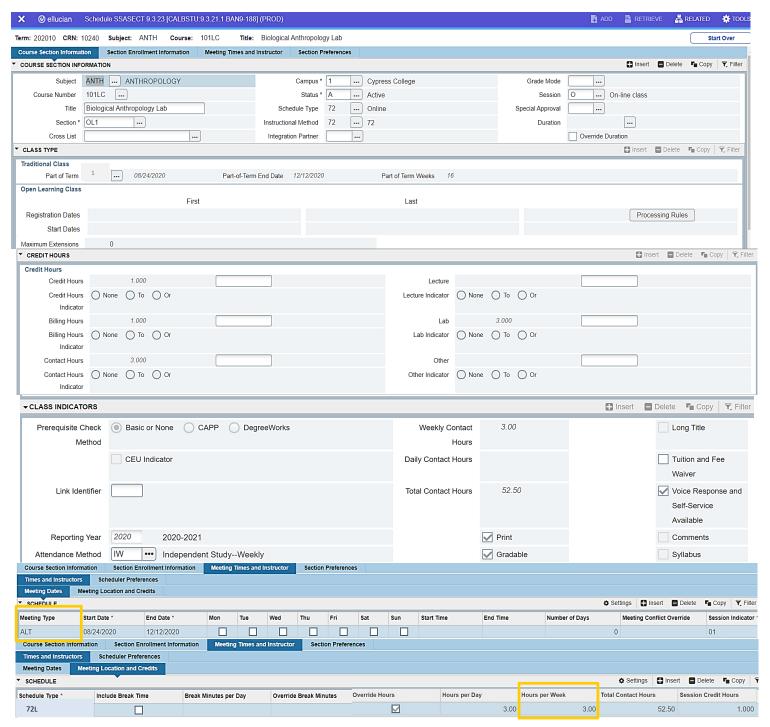
Example: Asynchronous Online Lecture/Lab



Important Notes (impacts 320 Attendance Accounting): 1) Use exact weekly contact hours for Hours per Week and use a 17.5 multiplier for Total Contact Hours if the course has any portion asynchronous online (i.e., not ZOOM). Refer to Attachment C to confirm contact hours for asynchronous online course. 2) Ensure weekly student contact hours entered for all full-term sections (W or IW). 3) Split session credit hours (i.e., course units) between Lecture and Lab sessions.

NOTE: See definition of Online class on page 5.

Example: Asynchronous Online Lab



Important Notes (impacts 320 Attendance Accounting): 1) Use exact weekly contact hours for Hours per Week and use a 17.5 multiplier for Total Contact Hours if the course has any portion asynchronous online (i.e., not ZOOM). Refer to Attachment C to confirm contact hours for asynchronous online course. 2) Ensure weekly student contact hours entered for all full-term sections (W or IW).

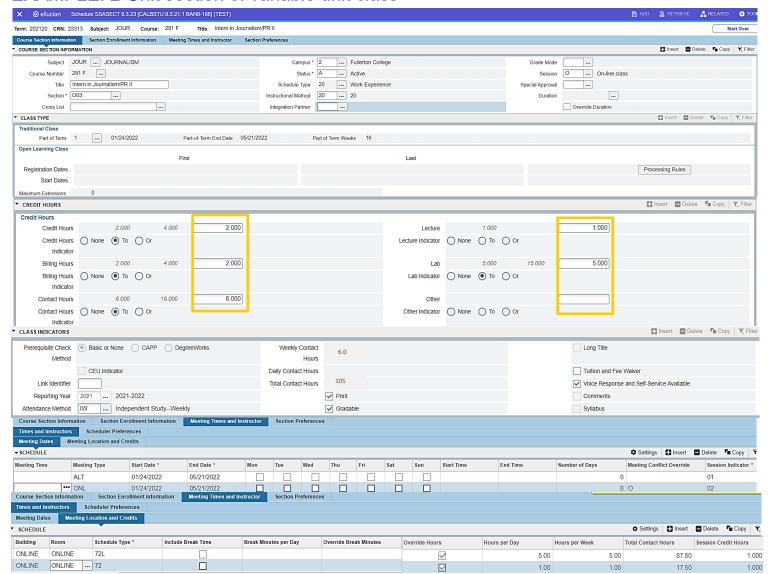
NOTE: See definition of Online class on page 5.

Example: Variable Unit Class

NOTE: Variable unit classes should have a separate CRN for each unit value needed per term. Enter the appropriate unit and contact hour values in the boxes provided in the *Credit Hours* section on SSASECT.

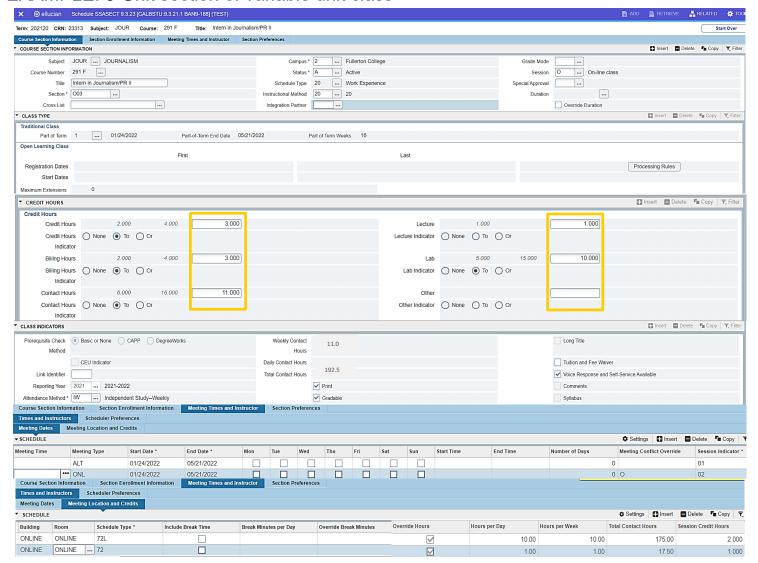
This does not apply to variable unit open entry/open exit classes. For those classes, schedule with an attendance accounting method of P (positive attendance) and the maximum contact hours for the course all in the same CRN.

EXAMPLE: 2-Unit section of variable unit class



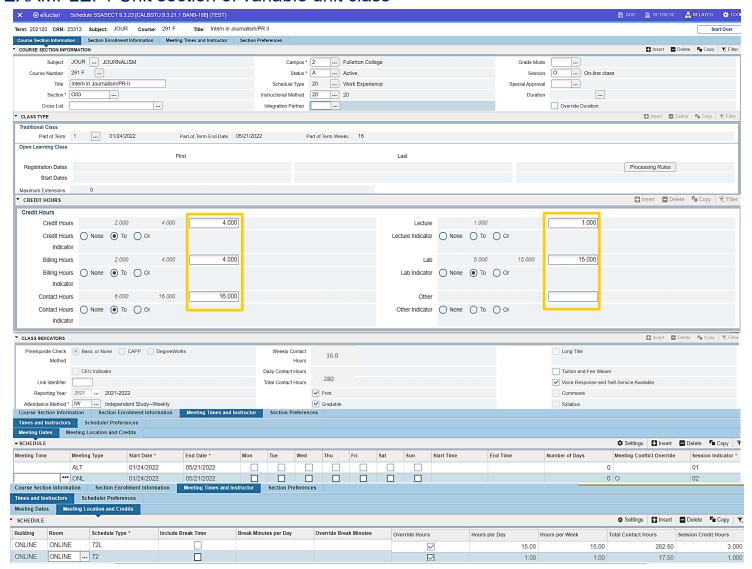
Important Notes (impacts 320 Attendance Accounting): 1) Use exact weekly contact hours for Hours per Week and use a 17.5 multiplier for Total Contact Hours if the course has any portion asynchronous online (i.e., not ZOOM). Refer to Attachment C to confirm contact hours for asynchronous online course. 2) Ensure weekly student contact hours entered for all full-term sections (W or IW). 3) Split session credit hours (i.e., course units) between Lecture and Lab sessions.

EXAMPLE: 3-Unit section of variable unit class



Important Notes (impacts 320 Attendance Accounting): 1) Use exact weekly contact hours for Hours per Week and use a 17.5 multiplier for Total Contact Hours if the course has any portion asynchronous online (i.e., not ZOOM). Refer to Attachment C to confirm contact hours for asynchronous online course. 2) Ensure weekly student contact hours entered for all full-term sections (W or IW). 3) Split session credit hours (i.e., course units) between Lecture and Lab sessions.

EXAMPLE: 4-Unit section of variable unit class



Important Notes (impacts 320 Attendance Accounting): 1) Use exact weekly contact hours for Hours per Week and use a 17.5 multiplier for Total Contact Hours if the course has any portion asynchronous online (i.e., not ZOOM). Refer to Attachment C to confirm contact hours for asynchronous online course. 2) Ensure weekly student contact hours entered for all full-term sections (W or IW). 3) Split session credit hours (i.e., course units) between Lecture and Lab sessions.

Banner Input Cheat Sheet

Course Section Information

SECTION

This numbering convention will help sort sections and define type of course.

Cypress and Fullerton Courses

001 – 099 Day courses (before 4pm)

100 – 199 Evening Courses (after 4pm)

200 – 250 Short Term: 1st Session (not Summer)

300 – 350 Short Term: 2nd Session (not Summer)

600 - 699 Off-Campus

800 – 899 Weekends (Friday after 4pm), Sat, Sun

AN (1, 2...) Anaheim (not Summer)

DE (1, 2..) Dual Enrollment

HY (1, 2..) Hybrid Courses

OL (1, 2..) Online Courses

OE (1, 2..) Open Entry/Open Exit

WI (1, 2...) Winter Intersession Courses (Spring only)

Fullerton Courses Only

AP (1, 2...) Apple Courses (Teacher Prep)

DP (1, 2...) Direct Placement

EI (1, 2..) Enhanced Instruction - Pathways

EO (1, 2..) EOPS Courses

ES (1, 2..) ESP (Entering Scholars Program)

IS (1, 2..) Independent Study Courses

HN (1, 2...) Honors Courses

LC (1, 2..) Learning Communities

LS (1, 2...) Late Start Courses (not Summer)

P (1, 2..) Puente Courses

SA (1, 2...) Study Abroad Courses

SS (1, 2..) Summer Success Courses

ST (1, 2..) STEM Courses

T (1, 2..) TAP Courses

TW (1, 2..) TeleWeb Courses

UM (1, 2..) Umoja Courses

CAMPUS

1- Cypress - All class types

2 - Fullerton - All class types

1NH - (Dual Enrollment/HS/Courses under 4 wks long)

2NH - (Dual Enrollment/HS/Courses under 4 wks long)

Cypress Crosslist Codes

AA-A9	Business	GA-G9 Language Arts
BA-BR	Counseling	HA-H9 Kinesiology
BS-B9	Library	IA-19 Science/Eng/Math
CA-C9	Fine Arts	JA-J9 Social Sciences

DA-D9 Fine Arts **KA-K9** CTE

EA-E9 Health Science **LA-L9** Instruction Office **FA-F9** Health Science **MA-M9** Instruction Office

Fullerton Crosslist Codes

NA-NZ Business/CIS	IA-IZ PE
OA-OZ Fine Arts	UA-UZ Counseling
PA-PZ Humanities	VA-VZ Social Sciences
QA-QZ Library	WA-WZ Tech & Eng
RA-RZ Math/Comp Science	YA-YZ Instruction Off
SA-S7 Natural Sciences	7A-77 Instruction Off

STATUS

A - Active – Only code for inputting (if a course is canceled, A&R/Catalog & Schedule Coordinator will change the field to "C")

SCHEDULE TYPE (Course Section Information tab)

02 On-campus Lecture (or primarily lecture if lec/lab)

04 On-campus Lab

04E Extensive Lab (on-campus)

20 Work Experience

40 Independent Study

71 Synchronous Online

72 Asynchronous Online

90 Field Experience

HY Hybrid (On campus and online)

INSTRUCTIONAL METHOD (Course Section Information)

02 On-campus Lecture (or primarily lecture if lec/lab)

04 On-campus Lab

20 Work Experience

40 Independent Study

71 Synchronous Online

72 Asynchronous Online

90 Field Experience

HYA Asynch Hybrid (On campus and Asynch Online)

HYS Synch Hybrid (On campus and Synch Online)

HYO Other Hybrid (On campus and Synch and Asynch Online)

OLZ Synchronous and Asynchronous Online (NO On Campus meetings)

SESSION: (types of courses)

NOTE: A Distance Ed course "trumps" any other code

D - Daytime

E - Evening (4pm or later)

H - Hybrid

O - Online

S - Saturday (only)

U - Sunday

W - Weekend (Friday after 4pm, Saturday and/or Sunday)

SPECIAL APPROVAL

For some programs, a code is needed to restrict enrollment. **NOTE:** All codes in this field will be replaced with an "SA" (Special Approval) code once the course begins.

CLASS TYPE

PART OF TERM (POT)

Length of time a course is offered. See section below for detailed instructions on data entry.

1 Full Term (16 Weeks)
F8 First Eight Weeks
S8 Second Eight Weeks
NF Not Full Term

OE Open Entry SU Summer Session WI Winter Intersession

Dual Enrollment Parts of Term

Anaheim Union (AUHSD) AUD BOU Brea Olinda (BOUSD) **BPH** Buena Park (BPSD) FHS Fullerton (FUHSD) FUL Fullerton SD (FSDO) GGU Garden Grove (GGUSD) OXA Oxford Academy (OASD) PYU Placentia USD (PYLUSD)

CLASS INDICATORS

ATTENDANCE METHOD See details on p.4

PRINT Leave box checked if you want class to print in schedule. Unclick box if you do not want class to print in schedule but it will appear on the searchable web.

GRADABLE Leave box checked if you want instructor to issue a grade for the class. Unclick box if class is to be gradable.

VR/WEB Leave box checked if you want the student to be able to register for class in myGateway. Unclick box if you do not want the student to register for this class. NOTE: For Dual Enrollment courses, UNCLICK this box.

Credit/CEU Indicator Skip this unless you have variable unit class you wish to limit units on for that term; you must fill in the appropriate value in the open box under these fields

Billing – Lecture – Lab Skip this unless above situation occurs. Follow the same procedures as above.

SECTION ENROLLMENT INFORMATION

Max Enrollment

You must fill in the maximum seat count AND waitlist for students to register for this class.

Waitlist

Waitlists are mandatory **EXCEPT FOR CROSS-LISTED COURSES** (no exceptions to this rule)

MEETING TIMES AND INSTRUCTOR

For each meeting record, always ensure data are in all three contact hour fields: 1) Hours per day, 2) Hours per week, and 3) Total contact hours.

REMEMBER to prorate for short-term courses.

MEETING TYPES

ALT Asynchronous online (not Zoom) lab or

Independent Study lab

ARN Arranged hours

CLAS On-campus/Zoom Lecture

HY Asynch Online Lecture meeting of Hybrid class

LAB On-campus/Zoom Lab
ONL Online Lecture

PAY Payroll use only

Lecture/Lab Lines

List your lecture and lab lines separately and assign each line a different session indicator. Each meeting session should have the appropriate contact hours & session credit hours allotted.

If the lecture and lab sessions follow each other and are **taught in different buildings/rooms**, there must be at least a 10-minute break between each session.

If the lecture and lab sessions follow each other and are taught **in the same room**, a session can be entered into Banner with < 50 minutes **IF it meets the following criteria**:

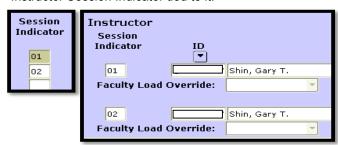
- 1. There is not a break between the lecture and lab sessions
- 2. The lecture and lab sessions are taught consecutively in the same room
- 3. The sum of the contact hours for the back-to-back meeting sessions is >= 50 minutes

Asynchronous Online Sessions (Fully Online or online portion of Hybrid Class)

Leave all meeting days/times unchecked for asynchronous online portion. Fill in the Hours per Day, per Week, and Total Contact Hours.

SESSION INDICATOR

This line is a "line counter" that must have a matching Instructor Session Indicator tied to it.



ROOMS

Field Trips - Type "FIELDT" in the building **AND** room field. **Online (Asynchronous) Courses -** Type "ONLINE" in the building field.

Online (Synchronous) Courses - Type "ZOOM" in the building field.

SCHEDULE TYPE (Meeting Location and Credits tab)

02 Lecture (on-campus)

04 Lab (on-campus)

04E Extensive Lab (on-campus)

Work ExperienceIndependent Study

HY Asynch Online Lecture meeting of Hybrid class

HYL Asynch Online Lab meeting of Hybrid class

71 Synch Online Lecture
71L Synch Online Lab
72 Asynch Online Lecture
72L Asynch Online Lab
90 Field Experience

INSTRUCTOR SCREEN

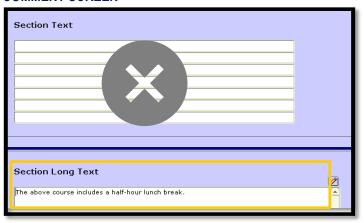
Assign an instructor to match each session Indicator box of the course.

If the same instructor is teaching the lecture (type 02/session 01) and the lab (type 04/session 02), list the instructor twice, thereby tying that instructor to both lines.

If one instructor is teaching the lecture (type 02/session 01) and another instructor is teaching the lab (type 04/session 02), list each instructor separately and make sure they are matched to the proper session. **NOTE:** Only the primary instructor will have access to the roster.

If an instructor exceeds the limit of hours to teach or doesn't meet minimum qualifications for the subject area, an error message will appear. Contact your Division Dean or HR, if necessary.

COMMENT SCREEN



NOTE: Only the **Section Long Text** box is active. Comment lines help explain the section.

PLEASE READ THE COMMENT LINES FOR ERRORS!

DO:

- Begin comment lines with "The above class......"
- Abbreviate months of the year (Jan, Feb, Mar, etc.)
- Abbreviate days of the week (Mon, Tues, Wed, etc.)
- Match instructor to web/email address
- Limit comment lines to 10 lines or less

DO NOT:

List times and days of courses already shown in the list above it -Banner pulls that information (only list times and days for exams, orientations, or rehearsals for theater productions).

Comment lines for Distance Ed classes must begin as follows:

ONLINE CLASS: The above class.....

HYBRID CLASS: The above class....

Examples of comment lines for all other courses:

- The above class meets the first week on campus and thereafter at Brea Golf Course, 501 W Fir, Brea.
- For more info re: the above class, please contact......
- The above class is being offered as a 1-unit class (for variable unit courses only).

Zero Textbook Cost Program

For sections that offer a Zero Cost Textbook option, add a "ZTCP"

(zero textbook cost program) code to a course.

From SSASECT, go to SSADETL and the Degree Program Attributes tab.

Click on "Insert"

Go to blank line and type ZTCP and SAVE.

Sessic

Course Section Detail [SSADETL]

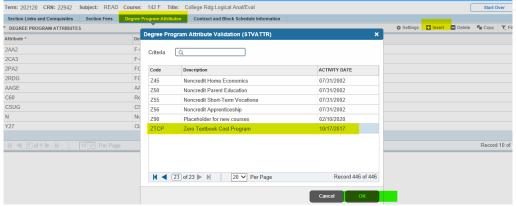
Schedule Detail SSADETL]

Schedule Pre-requisites [SSARRES]

Schedule Pre-requisites [SSAPREQ]

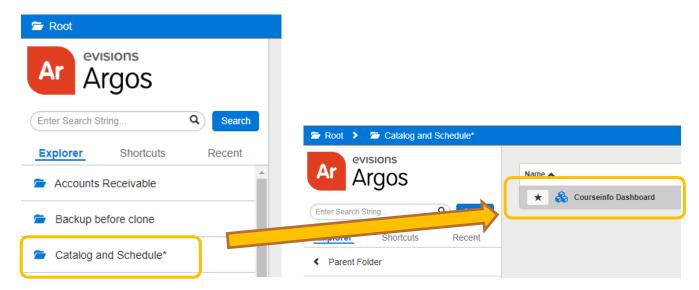
Pegree Program Attribute Validation (STYATTR)

Schedule Pre-requisites [SSAPREQ]



USEFUL ARGOS REPORT - Courseinfo Dashboard

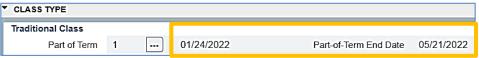
- Navigate to report.nocccd.edu ["New Argos"]
- 2. After you log in, you will find the list of folders on the left side of the pane. Click on 'Catalog and Schedule' folder.
- 3. Click on the 'Courseinfo Dashboard' datablock in the main pane.
- 4. Select the desired variables in each of the filter list boxes.
- 5. **Generating a CSV File**: Clicking on the green 'Run' button will generate data in the multi-column window below. The results then can be downloaded as csv by clicking on the cogwheel in the bottom right of the multi-column window. Click the 'Apply' button in the pop-up window. Then a window will pop-up to save your document.
- 6. **Generating a PDF Schedule Report**: After you select the five variables in the filter boxes, click on the 'Reports' button on top of the page. Select the 'Schedule Report' then click on the 'Run' button next to it. You do not need to click the green 'Run' button to populate the bottom window. The system will process the report and a window will automatically pop-up to save your document.



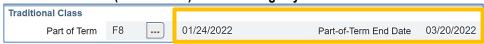
Parts of Term Data Entry

SSASECT

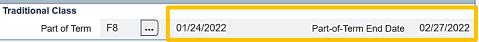
- A. Course Section Information: Choose appropriate Part of Term from the grid on the next page. Once POT selected, dates will populate.
 - 1. **Full-term classes:** Leave default dates



2. Short-term classes (not full-term) WITH meeting days/times: Leave default dates



 Short-term classes (not full-term) WITHOUT meeting days/times (INCLUDES HYBRIDS): Update the start/end dates to be the start/end date of the week the class starts (Monday) and ends (Sunday). For hybrids, the dates should match the full length of the class (usually same as hybrid line).



Technical Note: When there are meeting times, then the calculated drop functionality for the PC calendar type will base the calculation on the number of meetings, so it will not be required to update the part of term dates on the Course Section Information tab.

B. Meeting Times and Instructor:

NOTE: Hybrid Meeting Order: Create meeting record for on-campus/Zoom (synchronous) session with days/times listed to be first session (Session Indicator = 01). All other sessions can be in any order.

- 1. **Full-term classes:** Leave default Part of Term = 1 dates.
- 2. Short-term classes (not full-term)
 - a. **Start Date**: Enter the start date of the *week that the class starts*, not the day. The calculated section start dates will be based on the days that are checked off in the meeting pattern. Use Monday for the start day.
 - b. **End Date**: Enter the end date of the class as *the exact end date of the class*. For example, if the class ends on Tuesday, enter the date for the Tuesday of the last week the class meets. Use Sunday for the end day for classes without days/times.



SSAACCL

3. From SSASECT, go to Related and choose SSAACCL. Enter the appropriate calendar type from grid on the next page and Save. The dates will populate.



Parts of Term & Calendar Types Grid

Part of Term (SSASECT)	Description	Academic Calendar Type (SSAACCL)
1	Full Term Classes. Attendance methods are: Independent Study Weekly (IW), Weekly Attendance Accounting Method (W)	FT
F8	First 8 weeks	PC
10	If class meets 7 days total or less (<=7 days)	Leave Calendar Type Blank*
S8	Second 8 weeks	PC
	If class meets 7 days total or less (<=7 days)	Leave Calendar Type Blank*
NF	Not Full Term (Classes that do not span the entire semester)	PC
	If class meets 7 days total or less (<=7 days)	Leave Calendar Type Blank*
	Open Entry	OE - If class is 100% open entry (zero-unit classes).
OE	(Full Term)	FT - If class is not 100% open entry (anything with units, where students can receive a W).
SU	Summer Term. Attendance methods are: Daily (D), Independent Daily (ID), Positive Attendance (P), Other Classes – Not Claimed (O).	PC
	If class meets 7 days total or less (<=7 days)	Leave Calendar Type Blank*
WI	Winter Intersession	PC
VVI	If class meets 7 days total or less (<=7 days)	Leave Calendar Type Blank*

^{*}Blank Calendar Types: Admissions & Records personnel will manually enter necessary dates before semester starts for classes meeting <=7 days total.

NOTE: Additional Parts of Terms may be added as needed and will be communicated with schedule inputters.

Dual Enrollment: Parts of Term & Calendar Types Grid

Part of Term	Description	Banner Building Codes	Calendar Type
AUD	Anaheim Union (AUHSD)	AUHSD	See calendars below
	o Anaheim HS	AHS	
	o Ball Jr HS	BLJ	
	o Brookhurst Jr HS	BKJ	
	o Cambridge Virtual Academy		
	o Cypress HS	CHS	
	o Dale Jr HS	DJH	
	o Gilbert HS	GSHS	
	o Independent Studies		
	o Katella HS	KATEHS	
	o Kennedy HS	KENNHS	
	o Lexington		
	o Loara HS	LOARHS	
	o Magnolia HS	MAGHS	
	o Orangeview Jr HS	OJH	
	o Savanna HS	SAVAHS	
	o South Jr HS	SJRH	
	o Sycamore Jr HS	SJHS	
	o Walker		
	o Western HS	WHS	
BOU	Brea Olinda (BOUSD)	BOUSD	See calendars below
	o Brea Canyon HS	BCS	
	o Brea Olinda HS	BOHS	
BPH	Buena Park (BPSD)	BPSD	See calendars below
	o Beatty Middle School		
	o Buena Park Learning Center	BPLC	
	o Buena Park Middle School	BPJH	
FHS	Fullerton (FUHSD)	FUHSD	See calendars below
	o Buena Park HS	BPHS	
	o Fullerton Union HS	FHS	
	o iSierra Online Academy		
	o La Habra HS	LHS	
	o La Sierra HS		_
	o La Vista/La Sierra HS	LVHS	_
	o Sonora HS	SONHS	_
	o Sunny Hills HS	SUNYHS	_
	o Troy HS	TROYHS	

Part of Term	Description	Banner Building Codes	Calendar Type
FUL	Fullerton SD (FSDO)	FSDO	See calendars below
	o Ladera Vista Jr HS of the Arts	LVJHS	
	o Nicolas Jr HS	NJHS	
	o Parks Jr HS	PJHS	
GGU	Garden Grove (GGUSD)	GGUSD	See calendars below
	o Bolsa Grande HS		
	o Garden Grove HS	GARDHS	
	o Hare Continuation HS		
	o La Quinta HS		
	o Los Amigos HS		
	o Pacifica HS	PACIHS	
	o Rancho Alamitos HS	RANCHS	
	o Santiago HS		
LAU	Los Alamitos USD		See calendars below
	o Los Alamitos HS	LAS	
OXA	Oxford Academy (OASD)	OXFACD	See calendars below
PYU	Placentia USD (PYLUSD)	PYLUSD	See calendars below
	o Buena Vista Virtual Academy	BVHS	
	o Bernardo Yorba Middle School	BYM	
	o El Camino Real HS	ECRHS	
	o El Dorado HS	EDHS	
	o Esperanza HS	EHS	
	o Parkview		
	o Valencia HS	VALEHS	
	o Yorba Linda HS	YLHS	
	Description	Calendar Type	
	If dual enrollment class meets more than 7 days total	PC	
	If dual enrollment class meets 7 days total or less (<=7 days)	Leave Calendar Type Blank*	
	If dual enrollment class is full term and meets 100% online	FT	

^{*}Blank Calendar Types: Admissions & Records personnel will manually enter necessary dates before semester starts for classes meeting <=7 days total.

Glossary of Terms

Term/Acronym	Definition
320 Report	Apportionment Attendance Report (CCFS-320) used to submit student attendance contact hours (and equivalent Full-Time Equivalent Students) to the State Chancellor's Office
Asynchronous	Instruction occurs virtually online and through prepared resources, without real-time teacher-led interaction. Asynchronous distance education courses do not have designated scheduled meeting days and times. Students complete class activities and assignments as detailed in the course syllabus by logging into the online system, completing work and submitting electronically to the instructor.
Contact Hours	The time per term that a student is under the direct supervision of an instructor or other qualified employee
Coterminous (i.e., Full Term)	Course starts and ends on the 16-week start/end dates (i.e., course is scheduled to meet each week of the primary term)
DCH	Daily Contact Hours
DSCH	Daily Student Contact Hours
Management Information System (MIS)	Chancellor's Office data system designed to collect and report on information about California's community colleges, including data on students, courses, programs, and employees.
Regularly Scheduled	Class meets the same number of hours each day/week it is scheduled to meet
Synchronous (e.g., Zoom)	Interactive, two-way online or distance education that happens in real time with an instructor (e.g., Zoom class). Synchronous distance education courses are structured similarly to face-to-face courses, however rather than being on campus, students interact with the instructor via some kind of interactive technology (such as Zoom). All students are expected to meet in real time at scheduled class times through a remote connection (e.g., Zoom).
TBA/ARN	Hours To Be Arranged (TBA) for when an instructor meets with students (contact hours) for a course.
TCH	Total Contact Hours
TLM	Term Length Multiplier represents the number of weeks instruction is delivered in fall/spring terms plus any required faculty professional development days (currently 16.2 for NOCCCD credit colleges, based on 16 weeks of instruction and 2 Faculty Professional Development days)
TSCH	Total Student Contact Hours
WCH	Weekly Contact Hours
WSCH	Weekly Student Contact Hours

NOTE: Asynchronous/Synchronous definitions adapted from CCCCO Memo FS 21-09 Attendance Accounting Guidance for Transitions to In-Person Instruction, October 6, 2021.

Frequently Asked Questions

1. When do I use the 17.5 Term Length Multiplier for contact hour calculations?

a. Use the 17.5 Term Length Multiplier for any class that has any portion asynchronous online (i.e., not Zoom) or uses the IW or ID attendance accounting methods (e.g., independent study classes).

2. Why is the Term Length Multiplier set at 16.2?

- a. The Term Length Multiplier represents the number of weeks of the fall/spring semesters plus any faculty Flex Time (i.e., mandatory professional development days). Use this NOCCCD Term Length Multiplier for any on-campus/Zoom full-term class.
- 3. Do I need to enter contact hours per day and per week for classes that do not have set meeting days/times? (For example, asynchronous online or arranged hours meetings.)
 - a. Yes. Enter the same number for the daily and weekly contact hours. This information is sometimes used by the 320 report to calculate FTES (depending on meeting type and attendance accounting method). When it is blank, FTES might be computed as zero.

4. Which Part of Term should we use for Dual Enrollment classes?

a. Use the Dual Enrollment parts of terms (e.g., AUH, FHS) only for classes held at the high schools not following NOCCCD's academic calendar.

5. Which Part of Term should we use for Dual Enrollment classes that are cross-listed with NOCCCD classes?

a. Use the "standard" NOCCCD parts of term (e.g., 1, S8, F8, etc). Use the Dual Enrollment parts of terms (e.g., AUH, FHS) only for classes held at the high schools not following NOCCCD's academic calendar.

6. If I change a part of term that is set up with a PC calendar type, do I need to go back into SSAACCL to refresh the date calculations?

a. Yes. Clear the old calendar type, save, and then retype it and save. The dates should refresh.

7. I have noticed that when I enter on-campus sessions for <60 minutes, the breaks and contact hours do not compute correctly. What should I do?

a. This is a Banner glitch. Leave the hours as they are but check that the total contact hours come out correctly for the section (refer to Attachments A and B in the Scheduling Manual).

8. What are extensive labs and how do I code them in Banner?

a. Extensive labs are laboratory classes that require instructors to engage in extensive interaction with students in a structured manner and have been officially approved to receive the Extensive Lab (EL) designation by the NOCCCD Extensive Lab Committee. Such laboratory courses that are scheduled in-person/on campus and have received the EL designation are compensated at 1-to-1 or 100% of a lecture hour. The Banner schedule type code for these meeting sessions is 04E.

Full Term Catalog Weekly Contact Hours

1-Hour classes

According to the California Community Colleges Student Attendance Accounting Manual Addendum Concerning Academic Calendars, Course Scheduling, and Related Topics, "Since the impact of compression on 1-hour classes is insignificant, it does not justify departure from traditional scheduling. Therefore, 1-hour classes should continue to be scheduled for 50 minutes per week, resulting in 1.0 WCH." For example:

8:00 a.m. to 8:50 a.m.

(includes no break; excludes passing time at the end of the class)

See page 11 of the following document:

https://www.cccco.edu/-/media/CCCCO-Website/Files/Finance-and-Facilities/saam-compressed-calendar-and-course-scheduling-addendum-final-9-18-08-ada.ashx

Attachment A: 16.2 Week Full Term Calendar Scheduling Options

1.0	<< CATALOG WEEKL	Y CONTACT HOUF	RS		Lec LHE	1.000	LAB LHE 0.750	4			
Number of	Total	CON	TACT HOURS		MINUTES PER CLASS			С] ^		
Class Meetings per Week	Number of Classes	Contact Hours Per Day SCH	Contact Hours Per Week SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time	Breaks per Class	Example Meeting Time	Explanation on previous
1	16	1.0	1.0	16.2	50	0	50	0:50	NO BRK	8:00 AM - 8:50 AM	page

1.5	<< CATALOG WEEKL	Y CONTACT HOU	Lec LHE	1.500	LAB LHE 1.125							
Number of	Total	CON	TACT HOURS		MINUTES	MINUTES PER CLASS			CLOCK HOUR CLASS SCHEDULE			
Class Meetings	Number	Contact Hours Per Day	Contact Hours Per Week	Total Contact Hours	Instructional	Break	Total	Clock Time	Breaks	Example		
per Week	of Classes	SCH	SCH	SCH	Minutes	Minutes	Minutes	Hrs:Mins	per Class	Meeting Time		
1	16	1.7	1.7	27.54	85	0	85	1:25	NO BRK	8:00 AM - 9:25 AM		

2.0	<< CATALOG WEEKL	Y CONTACT HOU	RS	Lec LHE	2.000	LAB LHE	1.500				
Number of	Total	CON	TACT HOURS		MINUTES		CLOCK HOUR CLASS SCHEDULE				
Class Meetings	Number	Contact Hours Per Day	Contact Hours Per Week	Total Contact Hours	Instructional	Break	Total	Clock Time	Breaks	Exampl	le
per Week	of Classes	SCH	SCH	SCH	Minutes	Minutes	Minutes	Hrs:Mins	per Class	Meeting Ti	ime
1	16	2.3	2.3	37.26	115	10	125	2:05	1@10	8:00 AM - 10:	:05 AM

2.5	<< CATALOG WEEKL	Y CONTACT HOUF	Lec LHE	2.500	LAB LHE	1.875							
Number of	Total	CON	TACT HOURS		MINUTES	MINUTES PER CLASS				CLOCK HOUR CLASS SCHEDULE			
Class Meetings	Number	Contact Hours Per Day	Contact Hours Per Week	Total Contact Hours	Instructional	Break	Total	Clock Time	Breaks	Examp	ole		
per Week	of Classes	SCH	SCH	SCH	Minutes	Minutes	Minutes	Hrs:Mins	per Class	Meeting '	Time		
1	16	2.8	2.8	45.36	140	10	150	2:30	1@10	8:00 AM - 1	0:30 AM		
2	32	1.4	2.8	45.36	70	0	70	1:10	NO BRK	8:00 AM -	9:10 AM		

3.0	<< CATALOG WEEKL	Y CONTACT HOUF	Lec LHE	3.000	LAB LHE	2.250							
Number of	Total	CON	TACT HOURS		MINUTES	MINUTES PER CLASS				CLOCK HOUR CLASS SCHEDULE			
Class Meetings	Number	Contact Hours Per Day	Contact Hours Per Week	Total Contact Hours	Instructional	Break	Total	Clock Time	Breaks	Exan	ıple		
per Week	of Classes	SCH	SCH	SCH	Minutes	Minutes	Minutes	Hrs:Mins	per Class	Meeting	g Time		
1	16	3.4	3.4	55.08	170	20	190	3:10	2 @ 10	8:00 AM -	11:10 AM		
2	32	1.7	3.4	55.08	85	0	85	1:25	NO BRK	8:00 AM -	9:25 AM		

3.5	<< CATALOG WEEKL	Y CONTACT HOU	RS	Lec LHE	3.500	LAB LHE	2.625						
Number of	Total	CON	TACT HOURS		MINUTES	MINUTES PER CLASS				CLOCK HOUR CLASS SCHEDULE			
Class Meetings	Number of Classes	Contact Hours Per Day SCH	Contact Hours Per Week SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Exam Meeting	•		
1	16	3.9	3.9	63.18	195	20	215	3:35	2 @ 10	8:00 AM - 1	1:35 AM		
2	32	2.0	4.0	64.80	100	10	110	1:50	1@10	8:00 AM -	9:50 AM		
3	48	1.3	3.9	63.18	65	0	65	1:05	NO BRK	8:00 AM -	9:05 AM		
4	64	1.0	4.0	64.80	50	0	50	0:50	NO BRK	8:00 AM -	8:50 AM		

4.0	<< CATALOG WEEKL	Y CONTACT HOUF	RS					Lec LHE	4.000	LAB LHE	3.000
Number of	Total	CON	TACT HOURS		MINUTES	S PER CLASS		С	LOCK HOUR CL	ASS SCHEDULE	
Class Meetings per Week	Number of Classes	Contact Hours Per Day SCH	Contact Hours Per Week SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Exam Meeting	•
1	16	4.5	4.5	72.90	225	30	255	4:15	3@10	8:00 AM - 1	L2:15 PM
2	32	2.3	4.6	74.52	115	10	125	2:05	1@10	8:00 AM -	10:05 AM
3	48	1.5	4.5	72.90	75	0	75	1:15	NO BRK	8:00 AM -	9:15 AM

16.2 WEEK FULL TERM SCHEDULING OPTIONS (Continued)

4.5	<< CATALOG WEEKL	Y CONTACT HOUF	RS					Lec LHE	4.500	LAB LHE	3.375
Number of	Total	CON	TACT HOURS		MINUTES	PER CLASS		(CLOCK HOUR CLA	SS SCHEDULE	
Class Meetings	Number of Classes	Contact Hours Per Day SCH	Contact Hours Per Week SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Exar Meetin	nple g Time
1	16	5.0	5.0	81.00	250	40	290	4:50	4@10	8:00 AM -	12:50 PM
2	32	2.5	5.0	81.00	125	10	135	2:15	1 @ 10	8:00 AM -	10:15 AM
5	80	1.0	5.0	81.00	50	0	50	0:50	NO BRK	8:00 AM -	8:50 AM

5.0	<< CATALOG WEEKLY	Y CONTACT HOUF	RS					Lec LHE	5.000	LAB LHE	3.750
Number of	Total	CON	TACT HOURS		MINUTES	PER CLASS		(CLOCK HOUR CLA	SS SCHEDULE	
Class Meetings per Week	Number of Classes	Contact Hours Per Day SCH Contact Hours Per Week Hours SCH SCH SCH Contact Hours Per Contact Contact Hours Per Contact Conta			Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class		mple ng Time
1	16	5.6	5.6	90.72	280	40	320	5:20	4@10	8:00 AM -	- 1:20 PM
2	32	2.8	5.6	90.72	140	10	150	2:30	1 @ 10	8:00 AM -	10:30 AM
3	48	1.9	5.7	92.34	95	0	95	1:35	NO BRK	8:00 AM -	- 9:35 AM
4	64	1.4	5.6	90.72	70	0	70	1:10	NO BRK	8:00 AM -	9:10 AM

5.5	<< CATALOG WEEKL	Y CONTACT HOUF	RS					Lec LHE	5.500	LAB LHE	4.125
Number of	Total	CON	TACT HOURS		MINUTES	PER CLASS		(CLOCK HOUR CLA	SS SCHEDULE	
Class Meetings	Number of Classes	Contact Hours Per Day SCH	Contact Hours Per Week SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Exan Meeting	•	
1	16	6.0	6.0	97.2	300	50	350	5:50	5 @10	8:00 AM -	
2	32	3.0	6.0	97.2	150	20	170	2:50	2 @ 10	8:00 AM -	10:50 AM
3	48	2.0	6.0	97.2	100	10	110	1:50	1 @ 10	8:00 AM -	9:50 AM
4	64	1.5	6.0	97.2	75	0	75	1:15	NO BRK	8:00 AM -	9:15 AM

6.0	<< CATALOG WEEKL	Y CONTACT HOUF	RS					Lec LHE	6.000	LAB LHE	4.500
Number of	Total	CON	TACT HOURS		MINUTES	S PER CLASS		(CLOCK HOUR CLA	SS SCHEDULE	
Class Meetings	Number of Classes	Contact Hours Per Day Week SCH Contact Hours Per Contact Week Hours SCH SCH			Instructional Minutes	Break Minutes	Total Minutes	Clock Time	Breaks per Class	Exam Meeting	•
1	16	6.7	6.7	108.54	335	50	385	6:25	5 @ 10	8:00 AM -	2:25 PM
2	32	3.4	6.8	110.16	170	20	190	3:10	2 @ 10	8:00 AM - 1	1:10 AM
3	48	2.3	6.9	111.78	115	10	125	2:05	1 @ 10	8:00 AM - 1	.0:05 AM
4	64	1.7	6.8	110.16	85	0	85	1:25	NO BRK	8:00 AM -	9:25 AM

6.5	<< CATALOG WEEKLY	Y CONTACT HOUR	RS					Lec LHE	6.500	LAB LHE	4.875
Number of	Total	CON	TACT HOURS		MINUTES	PER CLASS		(CLOCK HOUR CLA	SS SCHEDULE	
Class Meetings	Number	Contact Hours Per Day	Contact Hours Per Week	Total Contact Hours	Instructional	Break	Total	Clock Time	Breaks	Examp	le
per Week	of Classes	SCH	SCH	SCH	Minutes	Minutes	Minutes	Hrs:Mins	per Class	Meeting Ti	ime
1	16	7.3	7.3	118.26	365	60	425	7:05	6@10	8:00 AM - 3:	:05 PM

7.0	<< CATALOG WEEKL	Y CONTACT HOUF	RS					Lec LHE	7.000	LAB LHE	5.250
Number of	Total	CON	TACT HOURS		MINUTES	PER CLASS		(CLOCK HOUR CLA	SS SCHEDULE	
Class Meetings	Number	Contact Hours Per Day	Contact Hours Per Week	Total Contact Hours	Instructional	Break	Total	Clock Time	Breaks	Examp	
per Week	of Classes	SCH	SCH	SCH	Minutes	Minutes	Minutes	Hrs:Mins	per Class	Meeting 1	Time
1	16	7.8	7.8	126.36	390	60	450	7:30	6@10	8:00 AM -	3:30 PM
2	32	3.9	7.8	126.36	195	20	215	3:35	2 @ 10	8:00 AM - 13	1:35 AM
4	64	2.0	8.0	129.60	100	10	110	1:50	1 @ 10	8:00 AM - 9	9:50 AM

16.2 WEEK FULL TERM SCHEDULING OPTIONS (Continued)

7.5	<< CATALOG WEEKL	Y CONTACT HOUF	lS .					Lec LHE	7.500	LAB LHE 5.	.625
Number of	Total	CON	TACT HOURS		MINUTE	S PER CLASS		C	LOCK HOUR CLA	ASS SCHEDULE	
Class Meetings	Number	Contact Hours Per Day	Contact Hours Per Week	Total Contact Hours	Instructional	Break	Total	Clock Time	Breaks	Example	e
per Week	of Classes	SCH	SCH	SCH	Minutes	Minutes	Minutes	Hrs:Mins	per Class	Meeting Tin	ne
1	16	8.4	8.4	136.08	420	70	490	8:10	7 @ 10	8:00 AM - 4:1	10 PM
3	48	2.8	8.4	136.08	140	10	150	2:30	1 @ 10	8:00 AM - 10:3	30 AM

8.0	<< CATALOG WEEKLY	Y CONTACT HOUF	RS .					Lec LHE	8.000	LAB LHE	6.000
Number of	Total	CON	TACT HOURS		MINUTES	PER CLASS		C	LOCK HOUR CL	ASS SCHEDULE	
Class Meetings	Number of Classes	Contact Hours Per Day SCH	Contact Hours Per Week SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time	Breaks per Class	Exam Meeting	•	
1	16	9.0	9.0	145.80	450	80	530	8:50	8@10	8:00 AM -	1:20 PM
2	32	4.5	9.0	145.80	225	30	255	4:15	3 @ 10	8:00 AM - 1	0:30 AM
3	48	3.0	9.0	145.80	150	20	170	2:50	2 @ 10	8:00 AM -	9:35 AM
5	80	1.8	9.0	145.80	90	0	90	1:30	NO BRK	8:00 AM -	9:10 AM

8.5	<< CATALOG WEEKL	Y CONTACT HOUF	RS					Lec LHE	8.500	LAB LHE	6.375
Number of	Total	CON	TACT HOURS		MINUTES	PER CLASS		С	LOCK HOUR CL	ASS SCHEDULE	
Class Meetings	Number of Classes	Contact Hours Per Day SCH	Contact Hours Per Week SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Exar Meetin	•
1	16	9.5	9.5	153.90	475	80	555	9:25	8@10	8:00 AM -	5:15 PM
2	32	4.8	9.6	155.52	240	30	270	4:30	3 @ 10	8:00 AM -	12:30 PM
4	64	2.4	9.6	155.52	120	10	130	2:10	1 @ 10	8:00 AM -	10:10 AM

9.0	<< CATALOG WEEKL	Y CONTACT HOUF	lS .					Lec LHE	9.000	LAB LHE	6.750
Number of	Total	CON	TACT HOURS		MINUTES	PER CLASS		C	LOCK HOUR CL	ASS SCHEDULE	
Class Meetings per Week	Number of Classes	Contact Hours Per Day SCH	Contact Hours Per Week SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Exam Meeting	•
1	16	10.0	10.0	162.000	500	90	590	9:50	9 @ 10	8:00 AM -	5:50 PM
2	32	5.0	10.0	162.000	250	40	290	4:50	4 @ 10	8:00 AM - 1	L2:50 PM
4	64	2.5	10.0	162.000	125	10	135	2:15	1 @ 10	8:00 AM - 1	0:15 AM
5	80	2.0	10.0	162.000	100	10	110	1:50	1 @ 10	8:00 AM -	9:50 AM

9.5	<< CATALOG WEEKL	Y CONTACT HOUF	RS					Lec LHE	9.500	LAB LHE	7.125
Number of	Total	CON	TACT HOURS		MINUTES	PER CLASS		С	LOCK HOUR CLA	ASS SCHEDULE	
Class Meetings per Week	Number of Classes	Contact Hours Per Day SCH	Contact Hours Per Week SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Exar Meetin	nple g Time
1	16	10.6	10.6	171.72	530	90	620	10:20	9@10	8:00 AM -	6:20 PM
2	32	5.3	10.6	171.72	265	40	305	5:05	4@10	8:00 AM -	1:05 PM
3	48	3.5	10.5	170.10	175	20	195	3:15	2 @ 10	8:00 AM -	11:15 AM

10.0	<< CATALOG WEEKLY	Y CONTACT HOUF	RS		Lec LHE	10.000	LAB LHE	7.500			
Number of	Total	CON	TACT HOURS		MINUTES PER CLASS			CLOCK HOUR CLASS SCHEDULE			
Class Meetings	Number	Contact Hours Per Day	Contact Hours Per Week	Total Contact Hours	Instructional	Break	Total	Clock Time	Breaks	Exam	ple
per Week	of Classes	SCH	SCH	SCH	Minutes	Minutes	Minutes	Hrs:Mins	per Class	Meeting '	Time
1	16	11.3	11.3	183.06	565	100	665	11:05	10 @ 10	8:00 AM -	7:05 PM
2	32	5.6	11.2	181.44	280	40	320	5:20	4@10	8:00 AM -	1:20 PM
4	64	2.8	11.2	181.44	140	10	150	2:30	1 @ 10	8:00 AM - 1	0:30 AM

Attachment B: Short Term & Summer Scheduling Options

NOTES:

- 1. A partial class hour cannot exceed 45 minutes (i.e., contact hours ending in .1 or .2). Instruction after a 45-minute partial class hour period would require a 10-minute break in the previous clock hour. As a result, classes should be scheduled only for the time lengths listed in the table (or extension). See the CCCCO Calculating Class Hours document for more details: https://www.cccco.edu/-/media/CCCCO-Website/College-Finance-and-Facilities/Manuals/ada-contact-hour-computation-chart-edited-2-a11y.pdf
- 2. Fullerton College has agreed upon passing times for summer when classes should not be scheduled, where possible: 10:30-10:40 a.m. and 6:20-6:30 p.m.

0.5		<< CATA	LOG CONTACT	T HOURS		Lec LHE	0.500	Lab LHE 0.375	
Tatal	Hou	ırs	MIN	UTES PER CL	ASS	CLOCK HOUR CLASS SCHEDULE			
Total Number of Class Meetings	Hours Per Day SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Example Meeting Time	
1	9.0	9.0	450	80	530	8:50	8 @ 10	8:00 AM - 4:50 PM	
2	4.5	9.0	225	30	255	4:15	3 @ 10	8:00 AM - 12:15 PM	
3	3.0	9.0	150	20	170	2:50	2 @ 10	8:00 AM - 10:50 AM	
4	2.3	9.2	115	10	125	2:05	1 @ 10	8:00 AM- 10:05 AM	
5	1.8	9.0	90	0	90	1:30	NO BRK	8:00 AM - 9:30 AM	
6	1.5	9.0	75	0	75	1:15	NO BRK	8:00 AM - 9:15 AM	
7	1.3	9.1	65	0	65	1:05	NO BRK	8:00 AM - 9:05 AM	
9	1.0	9.0	50	0	50	0:50	NO BRK	8:00 AM - 8:50 AM	

1		<< CATA	LOG CONTACT	T HOURS		Lec LHE	1.000	Lab LHE 0.750
Total	Hou	ırs	MIN	UTES PER CL	ASS	CLOCK HOUR CLASS SCHEDULE		
Number of Class Meetings	Hours Per Day SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Example Meeting Time
2	9.0	18.0	450	80	530	8:50	8 @ 10	8:00 AM - 4:50 PM
3	6.0	18.0	300	50	350	5:50	5 @10	8:00 AM - 1:50 PM
4	4.5	18.0	225	30	255	4:15	3 @ 10	8:00 AM - 12:15 PM
5	3.6	18.0	180	20	200	3:20	2 @ 10	8:00 AM - 11:20 AM
6	3.0	18.0	150	20	170	2:50	2 @ 10	8:00 AM - 10:50 AM
7	2.6	18.2	130	10	140	2:20	1 @ 10	8:00 AM- 10:20 AM
8	2.3	18.4	115	10	125	2:05	1 @ 10	8:00 AM - 10:05 AM
9	2.0	18.0	100	10	110	1:50	1 @ 10	8:00 AM - 9:50 AM
10	1.8	18.0	90	0	90	1:30	NO BRK	8:00 AM - 9:30 AM
11	1.7	18.7	85	0	85	1:25	NO BRK	8:00 AM - 9:25 AM
12	1.5	18.0	75	0	75	1:15	NO BRK	8:00 AM - 9:15 AM
13	1.4	18.2	70	0	70	1:10	NO BRK	8:00 AM - 9:10 AM
14	1.3	18.2	65	0	65	1:05	NO BRK	8:00 AM - 9:05 AM
18	1.0	18.0	50	0	50	0:50	NO BRK	8:00 AM - 8:50 AM
19	1.0	18.0	50	0	50	0:50	NO BRK	8:00 AM - 8:50 AM

1.5		<< CATA	LOG CONTAC	T HOURS		Lec LHE	1.500	Lab LHE 1.125	
	Hou	ırs	MIN	UTES PER CL	ASS	CLOCK HOUR CLASS SCHEDULE			
Total Number of	Hours Per	Total Contact	TVIII.	OTEST EN CE	A33	CL	Jek Hook e	LAGS SCHEDGEE	
Class Meetings	Day SCH	Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Example Meeting Time	
3	9.0	27.0	450	80	530	8:50	8 @ 10	8:00 AM - 4:50 PM	
4	6.8	27.2	340	50	390	6:30	5 @ 10	8:00 AM - 2:30 PM	
5	5.4	27.0	270	40	310	5:10	4 @ 10	8:00 AM - 1:10 PM	
6	4.5	27.0	225	30	255	4:15	3 @ 10	8:00 AM - 12:15 PM	
7	3.9	27.3	195	20	215	3:35	2 @ 10	8:00 AM - 11:35 AM	
8	3.4	27.2	170	20	190	3:10	2 @ 10	8:00 AM - 11:10 AM	
9	3.0	27.0	150	20	170	2:50	2 @ 10	8:00 AM - 10:50 AM	
10	2.7	27.0	135	10	145	2:25	1 @ 10	8:00 AM - 10:25 AM	
11	2.5	27.5	125	10	135	2:15	1 @ 10	8:00 AM - 10:15 AM	
12	2.3	27.6	115	10	125	2:05	1 @ 10	8:00 AM - 10:05 AM	
14	2.0	28.0	100	10	110	1:50	1 @ 10	8:00 AM - 9:50 AM	
15	1.8	27.0	90	0	90	1:30	NO BRK	8:00 AM - 9:30 AM	
16	1.7	27.2	85	0	85	1:25	NO BRK	8:00 AM - 9:25 AM	
17	1.6	27.2	80	0	80	1:20	NO BRK	8:00 AM - 9:20 AM	
18	1.5	27.0	75	0	75	1:15	NO BRK	8:00 AM - 9:15 AM	
19	1.5	28.5	75	0	75	1:15	NO BRK	8:00 AM - 9:15 AM	
20	1.4	28.0	70	0	70	1:10	NO BRK	8:00 AM - 9:10 AM	
21	1.3	27.3	65	0	65	1:05	NO BRK	8:00 AM - 9:05 AM	
22	1.3	28.6	65	0	65	1:05	NO BRK	8:00 AM - 9:05 AM	
27	1.0	27.0	50	0	50	0:50	NO BRK	8:00 AM - 8:50 AM	
28	1.0	28.0	50	0	50	0:50	NO BRK	8:00 AM - 8:50 AM	
29	1.0	29.0	50	0	50	0:50	NO BRK	8:00 AM - 8:50 AM	

2.0		<< CATALO	OG CONTACT HOU	IRS		Lec LHE	2.000	Lab LHE	1.500
Total	Ног	ırs	MINU	JTES PER CLASS		CLC	CK HOUR CLAS	S SCHEDULE	
Number of Class Meetings	Hours Per Day SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class		ample ing Time
4	9.0	36.0	450	80	530	8:50	8 @ 10	8:00 AM -	4:50 PM
6	6.0	36.0	300	50	350	5:50	5 @ 10	8:00 AM -	1:50 PM
8	4.5	36.0	225	30	255	4:15	3 @ 10	8:00 AM -	12:15 PM
9	4.0	36.0	200	30	230	3:50	3 @ 10	8:00 AM -	11:50 AM
10	3.6	36.0	180	20	200	3:20	2 @ 10	8:00 AM -	11:20 AM
11	3.3	36.3	165	20	185	3:05	2 @ 10	8:00 AM -	11:05 AM
12	3.0	36.0	150	20	170	2:50	2 @ 10	8:00 AM -	10:50 AM
13	2.8	36.4	140	10	150	2:30	1 @ 10	8:00 AM -	10:30 AM
14	2.6	36.4	130	10	140	2:20	1 @ 10	8:00 AM -	10:20 AM
15	2.4	36.0	120	10	130	2:10	1 @ 10	8:00 AM -	10:10 AM
16	2.3	36.8	115	10	125	2:05	1 @ 10	8:00 AM -	10:05 AM
18	2.0	36.0	100	10	110	1:50	1 @ 10	8:00 AM -	9:50 AM
19	1.9	36.1	95	0	95	1:35	NO BRK	8:00 AM -	9:35 AM
20	1.8	36.0	90	0	90	1:30	NO BRK	8:00 AM -	9:30 AM
21	1.8	37.8	90	0	90	1:30	NO BRK	8:00 AM -	9:30 AM
22	1.7	37.4	85	0	85	1:25	NO BRK	8:00 AM -	9:25 AM
23	1.6	36.8	80	0	80	1:20	NO BRK	8:00 AM -	9:20 AM
24	1.5	36.0	75	0	75	1:15	NO BRK	8:00 AM -	9:15 AM
25	1.5	37.5	75	0	75	1:15	NO BRK	8:00 AM -	9:15 AM
26	1.4	36.4	70	0	70	1:10	NO BRK	8:00 AM -	9:10 AM
27	1.4	37.8	70	0	70	1:10	NO BRK	8:00 AM -	9:10 AM
28	1.3	36.4	65	0	65	1:05	NO BRK	8:00 AM -	9:05 AM
29	1.3	37.7	65	0	65	1:05	NO BRK	8:00 AM -	9:05 AM
36	1.0	36.0	50	0	50	0:50	NO BRK	8:00 AM -	8:50 AM

2.5		<< CATALO	OG CONTACT HOU	JRS		Lec LHE	2.500	Lab LHE	1.875
Total	Hou	ırs	MINU	JTES PER CLASS		CLC	OCK HOUR CLAS	S SCHEDULE	
Number of Class Meetings	Hours Per Day SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class		ample ting Time
5	9.0	45.0	450	80	530	8:50	8 @ 10	8:00 AM -	4:50 PM
6	7.5	45.0	375	60	435	7:15	6 @ 10	8:00 AM -	3:15 PM
7	6.5	45.5	325	50	375	6:15	5 @ 10	8:00 AM -	2:15 PM
8	5.7	45.6	285	40	325	5:25	4 @ 10	8:00 AM -	1:25 PM
9	5.0	45.0	250	40	290	4:50	4 @ 10	8:00 AM -	12:50 PM
10	4.5	45.0	225	30	255	4:15	3 @ 10	8:00 AM -	12:15 PM
12	3.8	45.6	190	20	210	3:30	2 @ 10	8:00 AM -	11:30 AM
13	3.5	45.5	175	20	195	3:15	2 @ 10	8:00 AM -	11:15 AM
14	3.3	46.2	165	20	185	3:05	2 @ 10	8:00 AM -	11:05 AM
15	3.0	45.0	150	20	170	2:50	2 @ 10	8:00 AM -	10:50 AM
16	2.9	46.4	145	10	155	2:35	1 @ 10	8:00 AM -	10:35 AM
17	2.7	45.9	135	10	145	2:25	1 @ 10	8:00 AM -	10:25 AM
18	2.5	45.0	125	10	135	2:15	1 @ 10	8:00 AM -	10:15 AM
19	2.4	45.6	120	10	130	2:10	1 @ 10	8:00 AM -	10:10 AM
20	2.3	46.0	115	10	125	2:05	1 @ 10	8:00 AM -	10:05 AM
23	2.0	46.0	100	10	110	1:50	1 @ 10	8:00 AM -	9:50 AM
24	1.9	45.6	95	0	95	1:35	NO BRK	8:00 AM -	9:35 AM
25	1.8	45.0	90	0	90	1:30	NO BRK	8:00 AM -	9:30 AM
26	1.8	46.8	90	0	90	1:30	NO BRK	8:00 AM -	9:30 AM
27	1.7	45.9	85	0	85	1:25	NO BRK	8:00 AM -	9:25 AM
28	1.7	47.6	85	0	85	1:25	NO BRK	8:00 AM -	9:25 AM
29	1.6	46.4	80	0	80	1:20	NO BRK	8:00 AM -	9:20 AM
30	1.5	45.0	75	0	75	1:15	NO BRK	8:00 AM -	9:15 AM
31	1.5	46.5	75	0	75	1:15	NO BRK	8:00 AM -	9:15 AM
32	1.5	48.0	75	0	75	1:15	NO BRK	8:00 AM -	9:15 AM
45	1.0	45.0	50	0	50	0:50	NO BRK	8:00 AM -	8:50 AM

3.0		<< CATA	LOG CONTACT	HOURS		Lec LHE	3.000	Lab LHE 2.250	
Takal	Hou	ırs	MIN	UTES PER CLA	ASS	CLOCK HOUR CLASS SCHEDULE			
Total Number of Class Meetings	Hours Per Day SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Example Meeting Time	
6	9.0	54.0	450	80	530	8:50	8 @ 10	8:00 AM - 4:50 PM	
7	7.8	54.6	390	60	450	7:30	6 @ 10	8:00 AM - 3:30 PM	
8	6.8	54.4	340	50	390	6:30	5 @ 10	8:00 AM - 2:30 PM	
9	6.0	54.0	300	50	350	5:50	5 @ 10	8:00 AM - 1:50 PM	
10	5.4	54.0	270	40	310	5:10	4 @ 10	8:00 AM - 1:10 PM	
11	5.0	55.0	250	40	290	4:50	4 @ 10	8:00 AM - 12:50 PM	
12	4.5	54.0	225	30	255	4:15	3 @ 10	8:00 AM - 12:15 PM	
14	3.9	54.6	195	20	215	3:35	2 @ 10	8:00 AM - 11:35 AM	
15	3.6	54.0	180	20	200	3:20	2 @ 10	8:00 AM - 11:20 AM	
16	3.4	54.4	170	20	190	3:10	2 @ 10	8:00 AM - 11:10 AM	
18	3.0	54.0	150	20	170	2:50	2 @ 10	8:00 AM - 10:50 AM	
19	2.9	55.1	145	10	155	2:35	1 @ 10	8:00 AM - 10:35 AM	
20	2.7	54.0	135	10	145	2:25	1 @ 10	8:00 AM - 10:25 AM	
21	2.6	54.6	130	10	140	2:20	1 @ 10	8:00 AM - 10:20 AM	
22	2.5	55.0	125	10	135	2:15	1 @ 10	8:00 AM - 10:15 AM	
23	2.4	55.2	120	10	130	2:10	1 @ 10	8:00 AM - 10:10 AM	
24	2.3	55.2	115	10	125	2:05	1 @ 10	8:00 AM - 10:05 AM	
27	2.0	54.0	100	10	110	1:50	1 @ 10	8:00 AM - 9:50 AM	
28	2.0	56.0	100	10	110	1:50	1 @ 10	8:00 AM - 9:50 AM	
29	1.9	55.1	95	0	95	1:35	NO BRK	8:00 AM - 9:35 AM	
30	1.8	54.0	90	0	90	1:30	NO BRK	8:00 AM - 9:30 AM	
31	1.8	55.8	90	0	90	1:30	NO BRK	8:00 AM - 9:30 AM	
32	1.7	54.4	85	0	85	1:25	NO BRK	8:00 AM - 9:25 AM	
36	1.5	54.0	75	0	75	1:15	NO BRK	8:00 AM - 9:15 AM	

3.5		<< CATA	LOG CONTACT	HOURS		Lec LHE	3.500	Lab LHE 2.625
Total	Hou	ırs	MIN	UTES PER CLA	ASS	CLOCK HOUR CLASS SCHEDULE		
Number of Class Meetings	Hours Per Day SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Example Meeting Time
7	9.0	63.0	450	80	530	8:50	8 @ 10	8:00 AM - 4:50 PM
8	7.9	63.2	395	60	455	7:35	6 @ 10	8:00 AM - 3:35 PM
9	7.0	63.0	350	60	410	6:50	6 @ 10	8:00 AM - 2:50 PM
10	6.3	63.0	315	50	365	6:05	5 @ 10	8:00 AM - 2:05 PM
11	5.8	63.8	290	40	330	5:30	4 @ 10	8:00 AM - 1:30 PM
12	5.3	63.6	265	40	305	5:05	4 @ 10	8:00 AM - 1:05 PM
13	4.9	63.7	245	30	275	4:35	3 @ 10	8:00 AM - 12:35 PM
14	4.5	63.0	225	30	255	4:15	3 @ 10	8:00 AM - 12:15 PM
16	4.0	64.0	200	30	230	3:50	3 @ 10	8:00 AM - 11:50 AM
17	3.8	64.6	190	20	210	3:30	2 @ 10	8:00 AM - 11:30 AM
18	3.5	63.0	175	20	195	3:15	2 @ 10	8:00 AM - 11:15 AM
19	3.4	64.6	170	20	190	3:10	2 @ 10	8:00 AM - 11:10 AM
21	3.0	63.0	150	20	170	2:50	2 @ 10	8:00 AM - 10:50 AM
22	2.9	63.8	145	10	155	2:35	1 @ 10	8:00 AM - 10:35 AM
23	2.8	64.4	140	10	150	2:30	1 @ 10	8:00 AM - 10:30 AM
24	2.7	64.8	135	10	145	2:25	1 @ 10	8:00 AM - 10:25 AM
25	2.6	65.0	130	10	140	2:20	1 @ 10	8:00 AM - 10:20 AM
26	2.5	65.0	125	10	135	2:15	1 @ 10	8:00 AM - 10:15 AM
27	2.4	64.8	120	10	130	2:10	1 @ 10	8:00 AM - 10:10 AM
28	2.3	64.4	115	10	125	2:05	1 @ 10	8:00 AM - 10:05 AM
32	2.0	64.0	100	10	110	1:50	1 @ 10	8:00 AM - 9:50 AM

4.0		<< CATA	LOG CONTACT	HOURS		Lec LHE	4.000	Lab LHE 3.000
Total	Но	urs	MIN	UTES PER CLA	ASS	CLOCK HOUR CLASS SCHEDULE		
Number of Class	Hours Per Day	Total Contact Hours	Instructional	Break	Total	Clock Time	Breaks	Example
Meetings	SCH	SCH	Minutes	Minutes	Minutes	Hrs:Mins	per Class	Meeting Time
8	9.0	72.0	450	80	530	8:50	8 @ 10	8:00 AM - 4:50 PM
9	8.0	72.0	400	70	470	7:50	7 @ 10	8:00 AM - 3:50 PM
11	6.6	72.6	330	50	380	6:20	5 @ 10	8:00 AM - 2:20 PM
12	6.0	72.0	300	50	350	5:50	5 @ 10	8:00 AM - 1:50 PM
13	5.6	72.8	280	40	320	5:20	4 @ 10	8:00 AM - 1:20 PM
15	4.8	72.0	240	30	270	4:30	3 @ 10	8:00 AM - 12:30 PM
16	4.5	72.0	225	30	255	4:15	3 @ 10	8:00 AM - 12:15 PM
17	4.3	73.1	215	30	245	4:05	3 @ 10	8:00 AM - 12:05 PM
18	4.0	72.0	200	30	230	3:50	3 @ 10	8:00 AM - 11:50 AM
19	3.8	72.2	190	20	210	3:30	2 @ 10	8:00 AM - 11:30 AM
20	3.6	72.0	180	20	200	3:20	2 @ 10	8:00 AM - 11:20 AM
21	3.5	73.5	175	20	195	3:15	2 @ 10	8:00 AM - 11:15 AM
22	3.3	72.6	165	20	185	3:05	2 @ 10	8:00 AM - 11:05 AM
24	3.0	72.0	150	20	170	2:50	2 @ 10	8:00 AM - 10:50 AM
25	2.9	72.5	145	10	155	2:35	1 @ 10	8:00 AM - 10:35 AM
26	2.8	72.8	140	10	150	2:30	1 @ 10	8:00 AM - 10:30 AM
27	2.7	72.9	135	10	145	2:25	1 @ 10	8:00 AM - 10:25 AM
28	2.6	72.8	130	10	140	2:20	1 @ 10	8:00 AM - 10:20 AM
29	2.5	72.5	125	10	135	2:15	1 @ 10	8:00 AM - 10:15 AM
30	2.4	72.0	120	10	130	2:10	1 @ 10	8:00 AM - 10:10 AM
31	2.4	74.4	120	10	130	2:10	1 @ 10	8:00 AM - 10:10 AM
32	2.3	73.6	115	10	125	2:05	1 @ 10	8:00 AM - 10:05 AM
36	2.0	72.0	100	10	110	1:50	1 @ 10	8:00 AM - 9:50 AM
40	1.8	72.0	90	0	90	1:30	NO BRK	8:00 AM - 9:30 AM
45	1.6	72.0	80	0	80	1:20	NO BRK	8:00 AM - 9:20 AM
48	1.5	72.0	75	0	75	1:15	NO BRK	8:00 AM - 9:15 AM

4.5		<< CATA	LOG CONTACT	HOURS		Lec LHE	4.500	Lab LHE 3.375
Total	Hou	ırs	MIN	UTES PER CLA	ASS	CLOCK HOUR CLASS SCHEDULE		
Number of Class Meetings	Hours Per Day SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Example Meeting Time
9	9.0	81.0	450	80	530	8:50	8 @ 10	8:00 AM - 4:50 PM
11	7.4	81.4	370	60	430	7:10	6 @ 10	8:00 AM - 3:10 PM
12	6.8	81.6	340	50	390	6:30	5 @ 10	8:00 AM - 2:30 PM
13	6.3	81.9	315	50	365	6:05	5 @ 10	8:00 AM - 2:05 PM
14	5.8	81.2	290	40	330	5:30	4 @ 10	8:00 AM - 1:30 PM
15	5.4	81.0	270	40	310	5:10	4 @ 10	8:00 AM - 1:10 PM
17	4.8	81.6	240	30	270	4:30	3 @ 10	8:00 AM - 12:30 PM
18	4.5	81.0	225	30	255	4:15	3 @ 10	8:00 AM - 12:15 PM
19	4.3	81.7	215	30	245	4:05	3 @ 10	8:00 AM - 12:05 PM
21	3.9	81.9	195	20	215	3:35	2 @ 10	8:00 AM - 11:35 AM
22	3.7	81.4	185	20	205	3:25	2 @ 10	8:00 AM - 11:25 AM
23	3.6	82.8	180	20	200	3:20	2 @ 10	8:00 AM - 11:20 AM
24	3.4	81.6	170	20	190	3:10	2 @ 10	8:00 AM - 11:10 AM
25	3.3	82.5	165	20	185	3:05	2 @ 10	8:00 AM - 11:05 AM
27	3.0	81.0	150	20	170	2:50	2 @ 10	8:00 AM - 10:50 AM
28	2.9	81.2	145	10	155	2:35	1 @ 10	8:00 AM - 10:35 AM
29	2.8	81.2	140	10	150	2:30	1 @ 10	8:00 AM - 10:30 AM
30	2.7	81.0	135	10	145	2:25	1 @ 10	8:00 AM - 10:25 AM
31	2.7	83.7	135	10	145	2:25	1 @ 10	8:00 AM - 10:25 AM
32	2.6	83.2	130	10	140	2:20	1 @ 10	8:00 AM - 10:20 AM
45	1.8	81.0	90	0	90	1:30	NO BRK	8:00 AM - 9:30 AM

5.0		<< CATA	LOG CONTACT	HOURS		Lec LHE	5.000	Lab LHE 3.750	
Total	Hou	ırs	MIN	UTES PER CLA	ASS	CLOCK HOUR CLASS SCHEDULE			
Number of Class Meetings	Hours Per Day SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Example Meeting Time	
10	9.0	90.0	450	80	530	8:50	8 @ 10	8:00 AM - 4:50 PM	
12	7.5	90.0	375	60	435	7:15	6 @ 10	8:00 AM - 3:15 PM	
13	7.0	91.0	350	60	410	6:50	6 @ 10	8:00 AM - 2:50 PM	
14	6.5	91.0	325	50	375	6:15	5 @ 10	8:00 AM - 2:15 PM	
15	6.0	90.0	300	50	350	5:50	5 @ 10	8:00 AM - 1:50 PM	
16	5.7	91.2	285	40	325	5:25	4 @ 10	8:00 AM - 1:25 PM	
17	5.3	90.1	265	40	305	5:05	4 @ 10	8:00 AM - 1:05 PM	
18	5.0	90.0	250	40	290	4:50	4 @ 10	8:00 AM - 12:50 PM	
19	4.8	91.2	240	30	270	4:30	3 @ 10	8:00 AM - 12:30 PM	
20	4.5	90.0	225	30	255	4:15	3 @ 10	8:00 AM - 12:15 PM	
21	4.3	90.3	215	30	245	4:05	3 @ 10	8:00 AM - 12:05 PM	
23	4.0	92.0	200	30	230	3:50	3 @ 10	8:00 AM - 11:50 AM	
24	3.8	91.2	190	20	210	3:30	2 @ 10	8:00 AM - 11:30 AM	
25	3.6	90.0	180	20	200	3:20	2 @ 10	8:00 AM - 11:20 AM	
26	3.5	91.0	175	20	195	3:15	2 @ 10	8:00 AM - 11:15 AM	
27	3.4	91.8	170	20	190	3:10	2 @ 10	8:00 AM - 11:10 AM	
28	3.3	92.4	165	20	185	3:05	2 @ 10	8:00 AM - 11:05 AM	
30	3.0	90.0	150	20	170	2:50	2 @ 10	8:00 AM - 10:50 AM	
31	3.0	93.0	150	20	170	2:50	2 @ 10	8:00 AM - 10:50 AM	
32	2.9	92.8	145	10	155	2:35	1 @ 10	8:00 AM - 10:35 AM	
36	2.5	90.0	125	10	135	2:15	1 @ 10	8:00 AM - 10:15 AM	
45	2.0	90.0	100	10	110	1:50	1 @ 10	8:00 AM - 9:50 AM	
50	1.8	90.0	90	0	90	1:30	NO BRK	8:00 AM - 9:30 AM	
60	1.5	90.0	75	0	75	1:15	NO BRK	8:00 AM - 9:15 AM	

5.5		<< CATA	LOG CONTACT	HOURS		Lec LHE	5.500	Lab LHE 4.125	
Total	Hou	ırs	MIN	UTES PER CLA	ASS	CLOCK HOUR CLASS SCHEDULE			
Number of Class Meetings	Hours Per Day SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Example Meeting Time	
11	9.0	99.0	450	80	530	8:50	8 @ 10	8:00 AM - 4:50 PM	
12	8.3	99.6	415	70	485	8:05	7 @ 10	8:00 AM - 4:05 PM	
13	7.7	100.1	385	60	445	7:25	6 @ 10	8:00 AM - 3:25 PM	
15	6.6	99.0	330	50	380	6:20	5 @ 10	8:00 AM - 2:20 PM	
17	5.9	100.3	295	40	335	5:35	4 @ 10	8:00 AM - 1:35 PM	
18	5.5	99.0	275	40	315	5:15	4 @ 10	8:00 AM - 1:15 PM	
19	5.3	100.7	265	40	305	5:05	4 @ 10	8:00 AM - 1:05 PM	
20	5.0	100.0	250	40	290	4:50	4 @ 10	8:00 AM - 12:50 PM	
21	4.8	100.8	240	30	270	4:30	3 @ 10	8:00 AM - 12:30 PM	
22	4.5	99.0	225	30	255	4:15	3 @ 10	8:00 AM - 12:15 PM	
23	4.4	101.2	220	30	250	4:10	3 @ 10	8:00 AM - 12:10 PM	
25	4.0	100.0	200	30	230	3:50	3 @ 10	8:00 AM - 11:50 PM	
26	3.9	101.4	195	20	215	3:35	2 @ 10	8:00 AM - 11:35 PM	
27	3.7	99.9	185	20	205	3:25	2 @ 10	8:00 AM - 11:25 PM	
28	3.6	100.8	180	20	200	3:20	2 @ 10	8:00 AM - 11:20 PM	
29	3.5	101.5	175	20	195	3:15	2 @ 10	8:00 AM - 11:15 PM	
30	3.3	99.0	165	20	185	3:05	2 @ 10	8:00 AM - 11:05 AM	
33	3.0	99.0	150	20	170	2:50	2 @ 10	8:00 AM - 10:50 AM	

6.0		<< CATALOG CONTACT HOURS					6.000	Lab LHE 4.500
Total Number	Hou	ırs	MINUTES PER CLASS			CLOCK HOUR CLASS SCHEDULE		
ofClass Meetings	Hours Per Day SCH	Total Contact Hours SCH	Instructional Minutes	Break Minutes	Total Minutes	Clock Time Hrs:Mins	Breaks per Class	Example Meeting Time
12	9.0	108.0	450	80	530	8:50	8 @ 10	8:00 AM - 4:50 PM
13	8.4	109.2	420	70	490	8:10	7 @ 10	8:00 AM - 4:10 PM
14	7.8	109.2	390	60	450	7:30	7 @ 10	8:00 AM - 3:30 PM
16	6.8	108.8	340	50	390	6:30	5 @ 10	8:00 AM - 2:30 PM
17	6.4	108.8	320	50	370	6:10	5 @ 10	8:00 AM - 2:10 PM
18	6.0	108.0	300	50	350	5:50	5 @ 10	8:00 AM - 1:50 PM
19	5.7	108.3	285	40	325	5:25	4 @ 10	8:00 AM - 1:25 PM
20	5.4	108.0	270	40	310	5:10	4 @ 10	8:00 AM - 1:10 PM
22	5.0	110.0	250	40	290	4:50	4 @ 10	8:00 AM - 12:50 PM
23	4.7	108.1	235	30	265	4:25	3 @ 10	8:00 AM - 12:25 PM
24	4.5	108.0	225	30	255	4:15	3 @ 10	8:00 AM - 12:15 PM
25	4.4	110.0	220	30	250	4:10	3 @ 10	8:00 AM - 12:10 PM
27	4.0	108.0	200	30	230	3:50	3 @ 10	8:00 AM - 11:50 AM
28	3.9	109.2	195	20	215	3:35	2 @ 10	8:00 AM - 11:35 AM
29	3.8	110.2	190	20	210	3:30	2 @ 10	8:00 AM - 11:30 AM
30	3.6	108.0	180	20	200	3:20	2 @ 10	8:00 AM - 11:20 AM
31	3.5	108.5	175	20	195	3:15	2 @ 10	8:00 AM - 11:15 AM
32	3.4	108.8	170	20	190	3:10	2 @ 10	8:00 AM - 11:10 AM
36	3.0	108.0	150	20	170	2:50	2 @ 10	8:00 AM - 10:50 AM
40	2.7	108.0	135	10	145	2:25	1 @ 10	8:00 AM - 10:25 AM
45	2.4	108.0	120	10	130	2:10	1 @ 10	8:00 AM - 10:10 AM
60	1.8	108.0	90	0	90	1:30	NO BRK	8:00 AM - 9:30 AM

Attachment C: Asynchronous Online (not Zoom) Contact Hour Calculations

NOTES:

- 1. Use a 17.5 multiplier for Total Contact Hours if the course has any portion asynchronous online (i.e., not ZOOM). This applies to courses with an IW or ID attendance accounting method.
- **2.** Each catalog contact hour is equal to 17.5 total contact hours for the term.
- 3. For less than full-term classes, divide the Total Contact Hours by the number of weeks class is scheduled to determine Hrs/Day and Hrs/Wk.

Catalog Contact Hours	Hours per Day (Full-term)	Hours per Week (Full-term)	Total Contact Hours
0.5	0.5	0.5	8.75
1	1	1	17.5
1.5	1.5	1.5	26.25
2	2	2	35
2.5	2.5	2.5	43.75
3	3	3	52.5
3.5	3.5	3.5	61.25
4	4	4	70
4.5	4.5	4.5	78.75
5	5	5	87.5
5.5	5.5	5.5	96.25
6	6	6	105
6.5	6.5	6.5	113.75
7	7	7	122.5
7.5	7.5	7.5	131.25
8	8	8	140
8.5	8.5	8.5	148.75
9	9	9	157.5
9.5	9.5	9.5	166.25
10	10	10	175
10.5	10.5	10.5	183.75
11	11	11	192.5
11.5	11.5	11.5	201.25
12	12	12	210
12.5	12.5	12.5	218.75
13	13	13	227.5
13.5	13.5	13.5	236.25
14	14	14	245
14.5	14.5	14.5	253.75
15	15	15	262.5
15.5	15.5	15.5	271.25
16	16	16	280