

CLSS Training Guide

CourseLeaf Section
Scheduler (CLSS)
Business Process Guide

Cal Poly State University
San Luis Obispo, CA 93407

Action Taken

Date	Who	Action	Pages
9/3/2020	Vicky Myers	Document Created	All

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1 Overview

CourseLeaf Section Scheduler (CLSS) streamlines how colleges and universities determine their class offerings each term; everything from inputting, editing, validating, approving and updating course offerings.

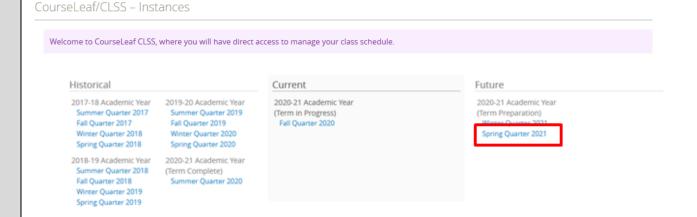
CLSS Terminology

- Section a particular course at a specific time, place and instructor.
 Sections are also referred to as classes or offerings
- Instance the term being scheduled. An instance may have multiple sessions (i.e. summer first 5 weeks, second five weeks, 8 weeks and 10 week regular)
- Scheduling Unit group of courses that are scheduled together by the same department
- Phases periods of time during the scheduling process. Rules will determine what and when items can be changed by the department scheduler.
- Modes there are two modes associated with CLSS: Design and Refine Mode.
 - Design mode, all changes to the schedule are held for a scheduling unit and validated at one time by clicking the Validate button. Data only lives in CLSS.
 - Refine mode, changes to sections are validated and sent through workflow when each section is saved. Data transfers to PSoft.

2 Getting Started

Navigate to: (URL will be provided after training sessions)

Click on the instance you wish you schedule



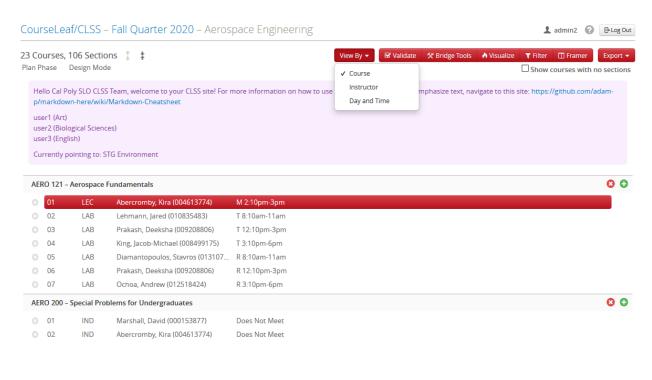
• See the Phase - Phases are set by University Scheduling at set times



• Double click on Scheduling Unit

Ф ID	^ Name	© Courses	Sections
112-AERO	Aerospace Engineering	23	106
127-AGB	Agribusiness	21	47
124-AGED	Agricultural Education & Communication	22	50
122-AG	Agriculture	16	92
144-ASCI	Animal Sciences	46	138
108-ARCE	Architectural Engineering	28	78
135-ARCH	Architecture	21	103
136-ART	Art and Design	27	102
146-810	Biological Sciences	69	280
224-BMED	Biomedical Engineering	23	103
125-BRAE	BioResource & Agricultural Engineering	31	156
161-BUS	Business	0	0
101-BUSA	Business - Accounting	15	45
262-BUSF	Business - Finance	10	19

 Scheduling unit screen provides a list of all courses and sections assigned to a scheduling unit, or department, and used to add, edit and remove sections from a course.



Legend:

- View By view sections by course, instructor, or day and time
- Expand All Arrows view all sections
- Collapse All Arrows hide all sections
- Plus Button O Add Section
- X Button ② Delete Section

Cross-listed sections will be indicated with a See or Also indicator to the far right of the section

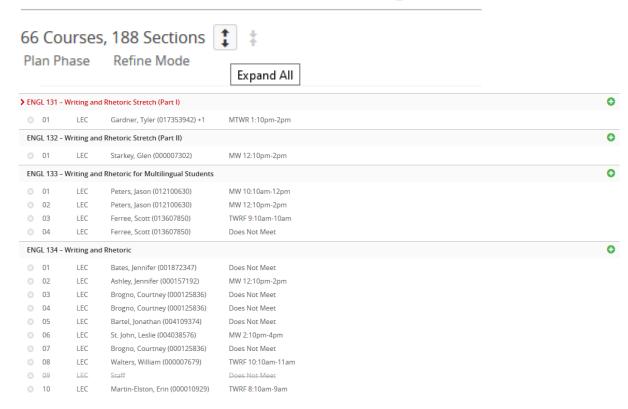
Linked sections are indicated by a vertical line connecting parent sections to child sections

Multiple Instructors will list the primary instructor + a number indicating the additional instructors for that section

"View By" default setting is by Course

Select "Expand All" arrows to view all sections

CourseLeaf/CLSS – Fall Quarter 2020 – English



• Select "Collapse All" arrows to hide all sections

CourseLeaf/CLSS - Fall Quarter 2020 - English

66 Courses, 188 Sections
Plan Phase Refine Mode

Collapse All

ENGL 132 – Writing and Rhetoric Stretch (Part II) ENGL 133 – Writing and Rhetoric for Multilingual Students

ENGL 135 – Writing and Rhetoric Tutorial

ENGL 134 - Writing and Rhetoric

> ENGL 131 - Writing and Rhetoric Stretch (Part I)

ENGL 145 - Reasoning, Argumentation, and Writing

ENGL 148 - Reasoning, Argumentation and Professional Writing

ENGL 149 - Technical Writing for Engineers

ENGL 150 – Writing Tutorial

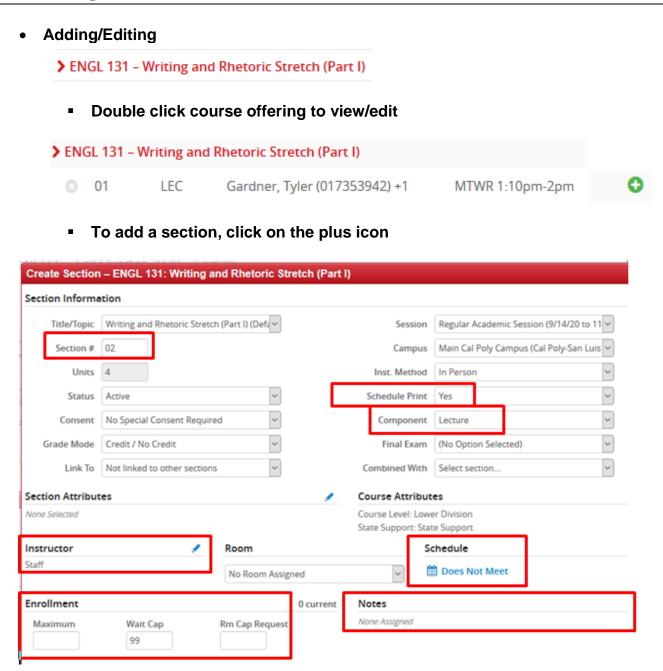
To view schedule by instructor, click on "View By" and select Instructor CourseLeaf/CLSS - Fall Quarter 2020 - English ☑ Validate 66 Courses, 188 Sections 🙏 🏌 View By ▼ Plan Phase Refine Mode Course ✓ Instructor Hello Cal Poly SLO CLSS Team, welcome to your CLSS site! For more information on how to use > Allen, Regulus (0 Ashley, Jennifer (Bartel, Jonathan Bates, Brian (012 Bates, Jennifer ((Battenburg, Johr Bolyard, Elizabet To view schedule by Day and Time, Click on "View By" and select Day and Time CourseLeaf/CLSS - Fall Quarter 2020 - English 66 Courses, 188 Sections ‡ ‡ View By ▼ ☑ Validate Plan Phase Refine Mode Course Instructor Hello Cal Poly SLO CLSS Team, welcome to your CLSS site! For more information on how to use ✓ Day and Time p/markdown-here/wiki/Markdown-Cheatsheet Monday Tuesday Wednesday Thursday Friday Does Not Meet



Arrows will expand or collapse all days of the week



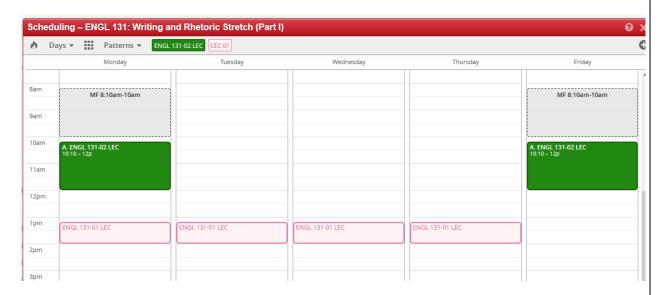
3 Creating Your Schedule

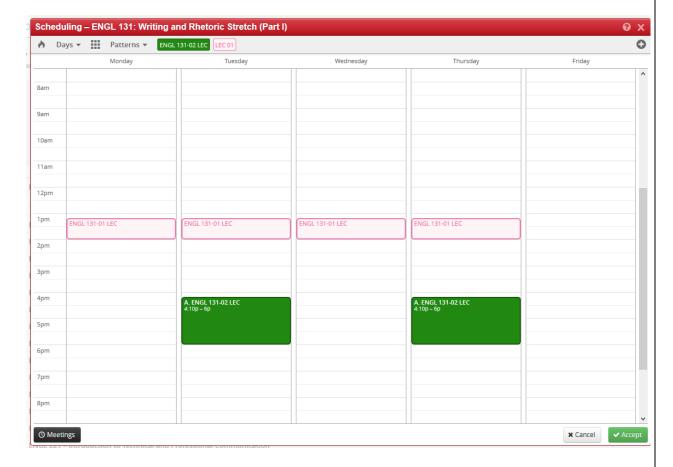


- Section # will auto-populate in chronological order
- Component defaults to Lecture
- Enrollment enter Maximum and Rm Cap Request
- Instructor enter instructor on record or leave as staff
- Schedule select Does Not Meet to add a day/time or leave as is for TBA
- Notes add if applicable
- Room select from drop down or use search field to find
- Schedule Print Yes or No to publish to Schedule of Classes

Meeting Pattern is changed from Does Not Meet to a Standard Meeting Pattern using the Snapper Create Section - ENGL 131: Writing and Rhetoric Stretch (Part I) Section Information Regular Academic Session (9/14/20 to 11 v Title/Topic Writing and Rhetoric Stretch (Part I) (Defay Session Main Cal Poly Campus (Cal Poly-San Luis > Section # Campus 4 Units Inst. Method In Person Status Active Schedule Print Yes Consent No Special Consent Required Component Lecture Grade Mode Credit / No Credit Final Exam (No Option Selected) Combined With Select section... Link To Not linked to other sections Section Attributes Course Attributes None Selected Course Level: Lower Division State Support: State Support Instructor Room Schedule Staff Does Not Meet No Room Assigned Enrollment 0 current Notes Nane Assigned Maximum Wait Cap Rm Cap Request 24 Click on "Does Not Meet" Click on Patterns drop down menu to view Standard Meeting Patterns Patterns • ENGL 131-02 LEC LEC 01 ✓ MP - 4 Unit MF MP - 4 Unit MF2 MP - 4 Unit MTRF MP - 4 Unit MTWF MP - 4 Unit MTWR MP - 4 Unit MW MP - 4 Unit MW2 MP - 4 Unit MWRF MP - 4 Unit TR MP - 4 Unit TR2 MP - 4 Unit TWRF MP - 4 Unit WF MP - 4 Unit WF2 User Defined Add Meeting Pattern Name

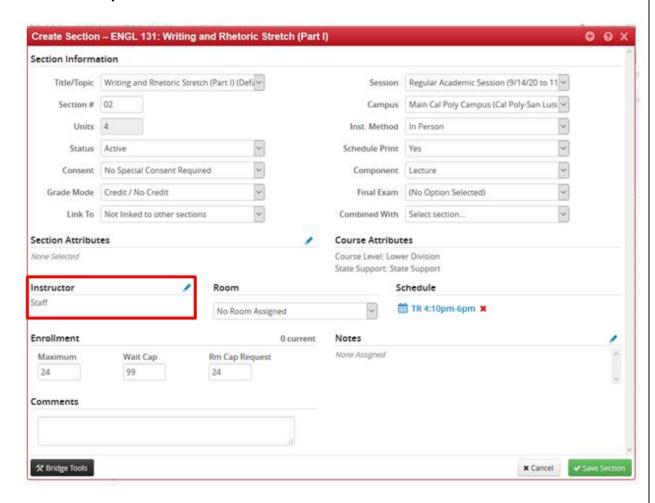
The section will be highlighted in green when meeting pattern is selected



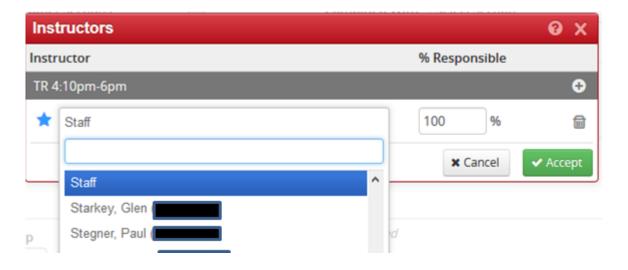


Choose the meeting pattern that works and click on "Accept" to SAVE

Click on pencil to Edit Instructor on Record



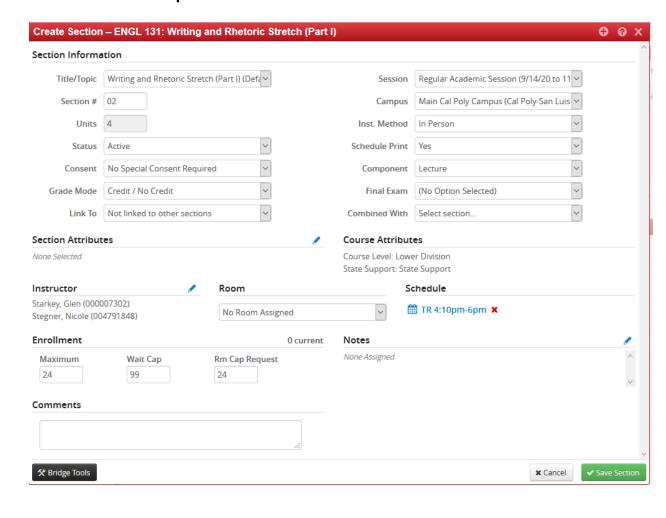
Use Search to type in name or scroll



Use Plus Icon to add additional instructors



- Select Trash Can icon to remove instructor
- Adjust workload percentage as needed
- Select "Accept" to SAVE



Multiple instructors will appear as +1 (+2, +3, etc.)



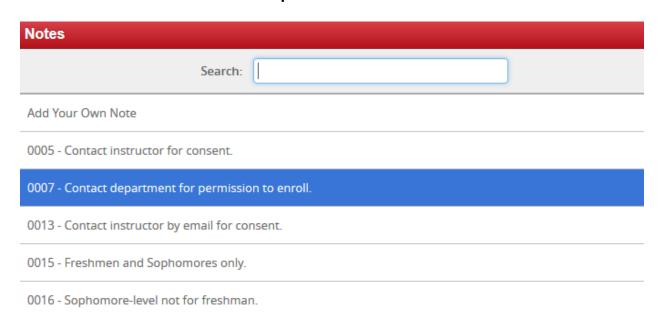
- Double click on the section to view multiple instructors on record
- Class notes click on pencil to edit



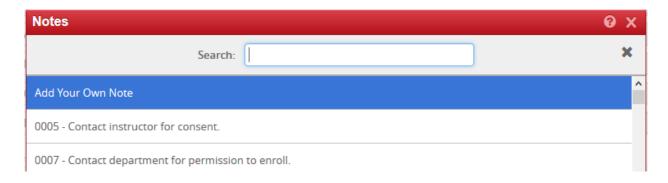
Select Plus Icon



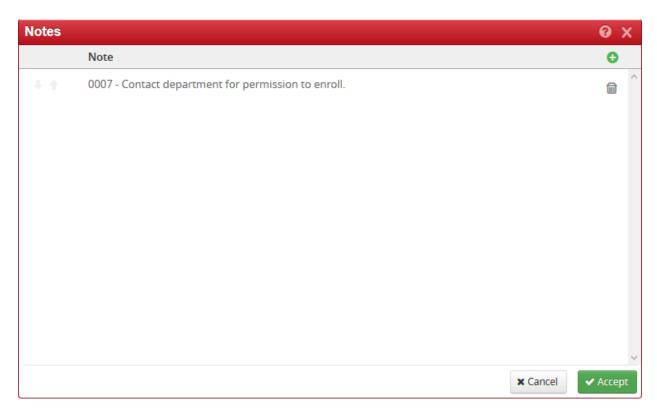
Use Search or scroll to add pre-defined class note



Select "Add Your Own Note" to add Free Format note*

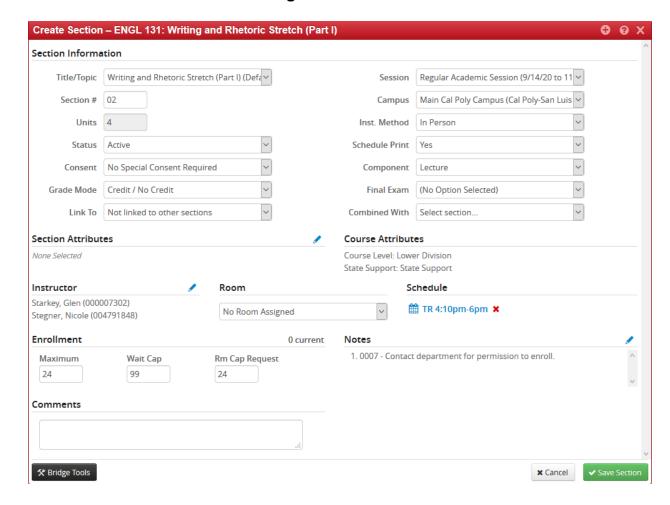


Click on "Accept" to SAVE



*Free Format notes – notify University Scheduling if you have a free format note that needs to be pre-defined.

Review fields before clicking on "Save Section"



Section has been successfully added



Adding a new course to the schedule

☐ Show courses with no sections

Select "Show courses with no sections" upper right hand corner

Left side column is before selecting "Show courses with no sections" Right side column is *after* selecting "Show courses with no sections:

> HIST 100 – Introduction to the Study of History	> HIST 2IP – Study Abroad	
HIST 110 – Western Civilization: Ancient to Renaissance	HIST 4IP – Study Abroad	
HIST 200 – Special Problems for Undergraduates	HIST 100 – Introduction to the Study of History	
HIST 201 – United States History to 1865	HIST 110 – Western Civilization: Ancient to Renaissan	
HIST 202 – United States History Since 1865	HIST 111 – Western Civilization: Reformation to the P	
HIST 206 – American Cultures	HIST 200 – Special Problems for Undergraduates	
HIST 210 – World History I	HIST 201 – United States History to 1865	
HIST 213 – Modern Political Economy	HIST 202 – United States History Since 1865	
HIST 216 – Comparative Social Movements	HIST 206 – American Cultures	
HIST 222 - World History, 1000 - 1800	HIST 207 – Freedom and Equality in American History	
HIST 223 – World History, 1800 - Present	HIST 208 – Survey of California History	
HIST 225 – The World at War	HIST 210 – World History I	
HIST 303 – Research and Writing Seminar in History	HIST 213 – Modern Political Economy	
HIST 304 - Historiography	HIST 216 – Comparative Social Movements	
HIST 306 – The Witch-Hunts in Europe, 1400-1800	HIST 221 – World History, Beginnings to 1000	
HIST 313 – Modern Middle East	HIST 222 – World History, 1000 - 1800	
HIST 316 – Modern East Asia	HIST 223 – World History, 1800 - Present	
	HIST 225 – The World at War	

New course will appear as follows when view is expanded

HIST 111 - Western Civilization: Reformation to the Present



Select the Plus icon to add new course

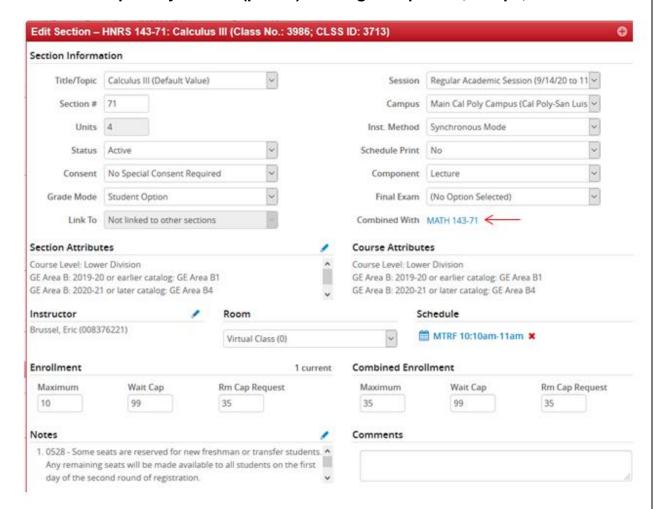
Delete offering by clicking on the red x next to section



View of a cross-listed course

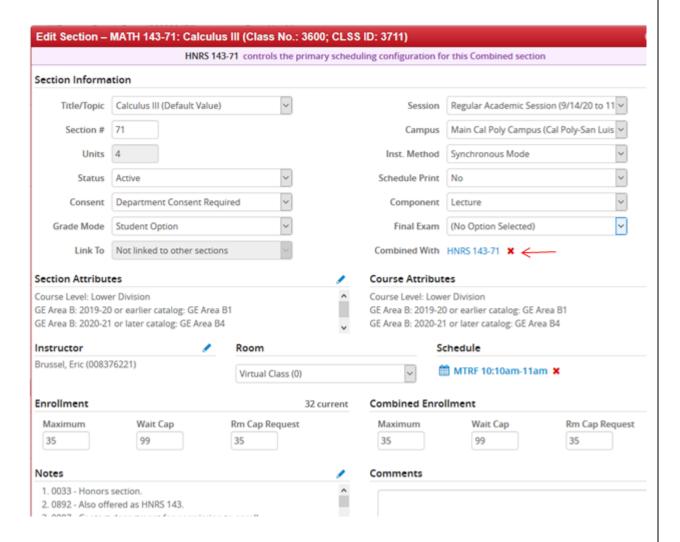


"See" is the primary section (parent) - changes to pattern, e-caps, etc.



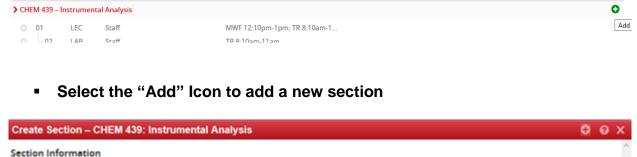
- HNRS 143-71 is cross-listed with MATH 143-71
- Click on MATH 143-71 to view combined section

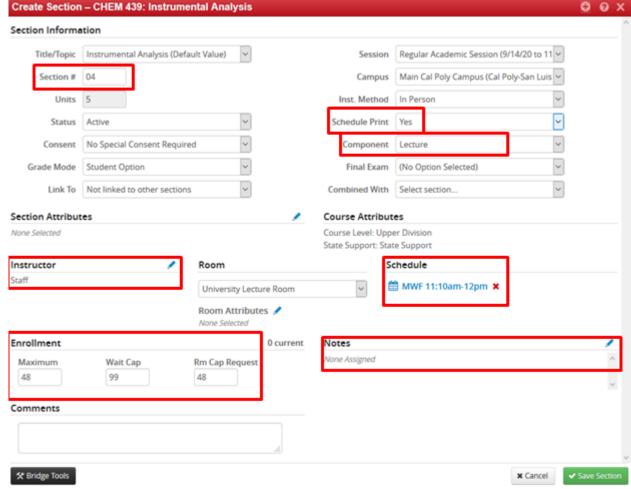
"Also" are (child) sections added to primary section



- MATH 143-71 is cross-listed with HNRS 143-71
- Click on HNRS 143-71 to view combined section

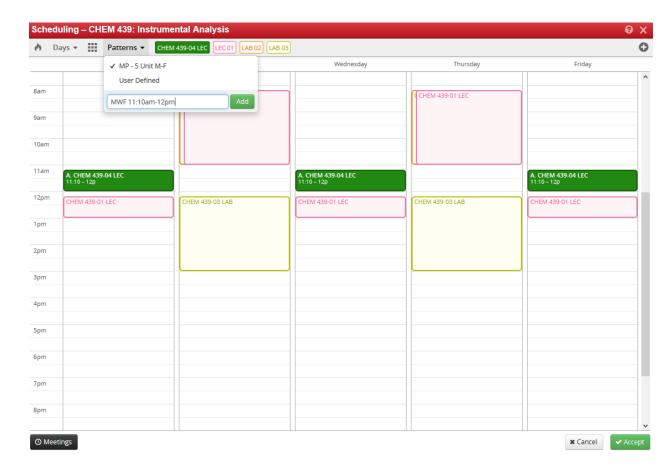
Adding Related Components such as lecture/laboratory





- Section # will auto-populate in chronological order
- Component defaults to Lecture
- Enrollment enter Maximum and Rm Cap Request
- Instructor enter instructor on record or leave as staff
- Schedule select Does Not Meet to add a day/time or leave as is for TBA
- Notes add if applicable
- Room select from drop down or use search field to find
- Units as with PSoft, units shown is for both components.
 i.e. 5 Units = 3 unit lecture + 2 unit lab
- Schedule Print Yes or No to publish to Schedule of Classes

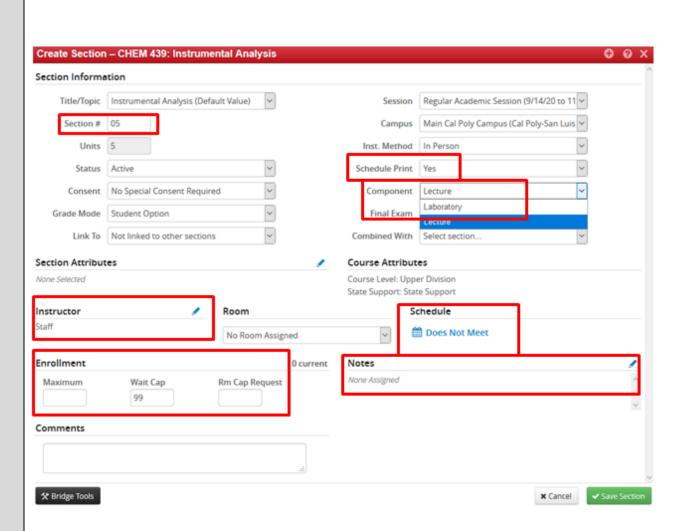
 Snapper – use pre-defined "Patterns" or "User Defined" and type in MWF 11:10am-12pm, select "Add"



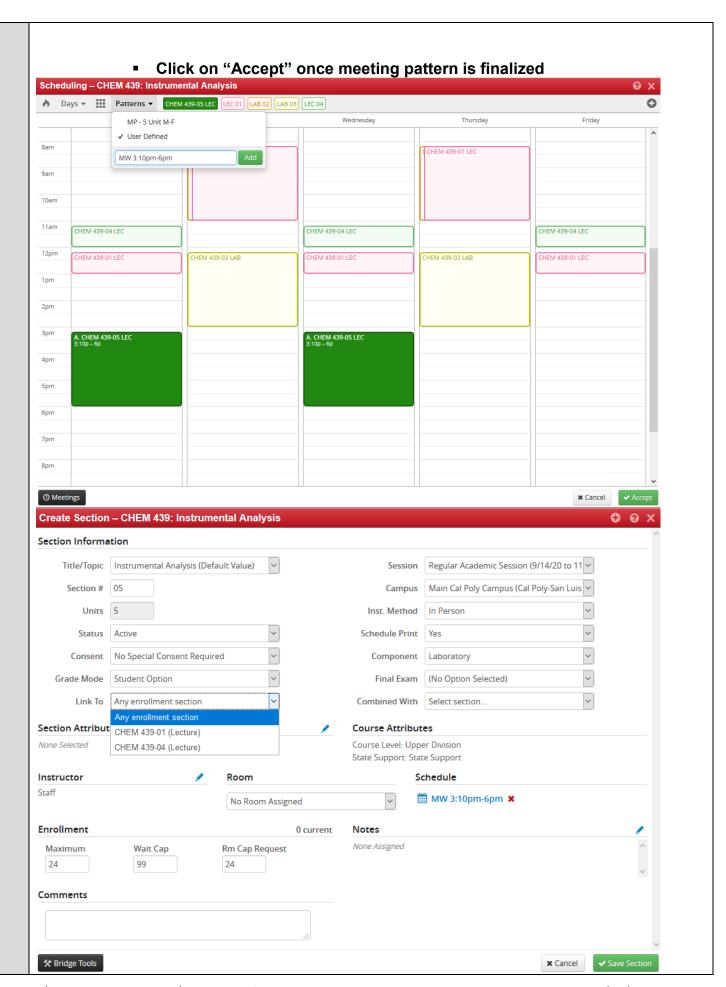
Click on "Accept" when meeting pattern is selected.



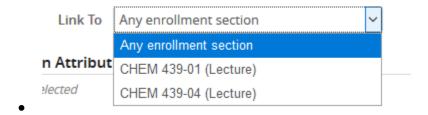
Review new section and if no changes needed, click on "Save Section" Edit Section - CHEM 439-04: Instrumental Analysis (Class No.: NEW; CLSS ID: 7799) Section Information Regular Academic Session (9/14/20 to 11 v Title/Topic Instrumental Analysis (Default Value) Section # 04 Main Cal Poly Campus (Cal Poly-San Luis > Campus Units 5 Inst. Method In Person Schedule Print Status Consent No Special Consent Required Component Lecture Grade Mode Student Option Final Exam (No Option Selected) Combined With | Select section... Link To Not linked to other sections Section Attributes **Course Attributes** None Selected Course Level: Upper Division State Support: State Support Instructor Room Staff University Lecture Room Room Attributes 🥖 None Selected **Enrollment** 0 current Notes None Assigned Maximum Wait Cap Rm Cap Request Comments ☆ Bridge Tools Select Plus Icon to add related component CHEM 439 - Instrumental Analysis LEC Staff MWF 12:10pm-1pm; TR 8:10am-1... LAB -02 Staff TR 8:10am-11am LAB Staff TR 12:10pm-3pm MWF 11:10am-12pm



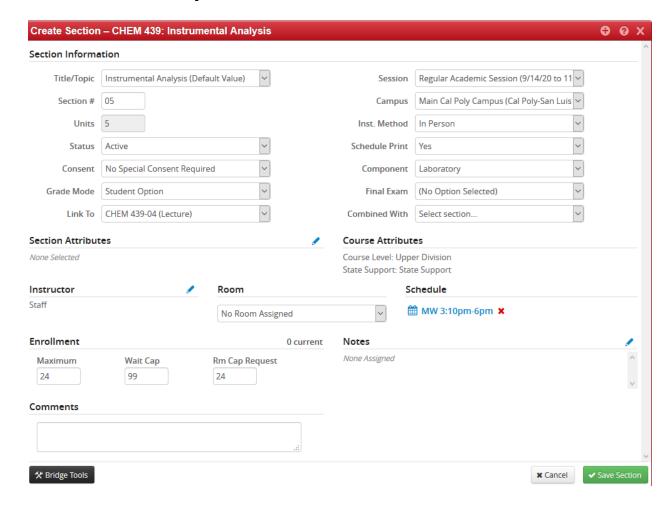
- Section # will auto-populate in chronological order
- Component defaults to Lecture, select Laboratory
- Enrollment enter Maximum and Rm Cap Request
- Instructor enter instructor on record or leave as staff
- Schedule select "Does Not Meet" to add a day/time or leave as is for TBA
- Notes add if applicable
- Room select from drop down or use search field to find
- Units as with PSoft, units shown is for both components.
 i.e. 5 Units = 3 unit lecture + 2 unit lab
- Schedule Print Yes or No to publish to Schedule of Classes
- Meeting pattern is changed by clicking on "Does Not Meet"



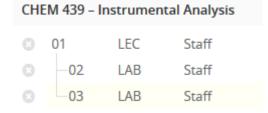
"Link To"



- CHEM 439-04 would be one to one relationship
- o Any enrollment section would be "9999"

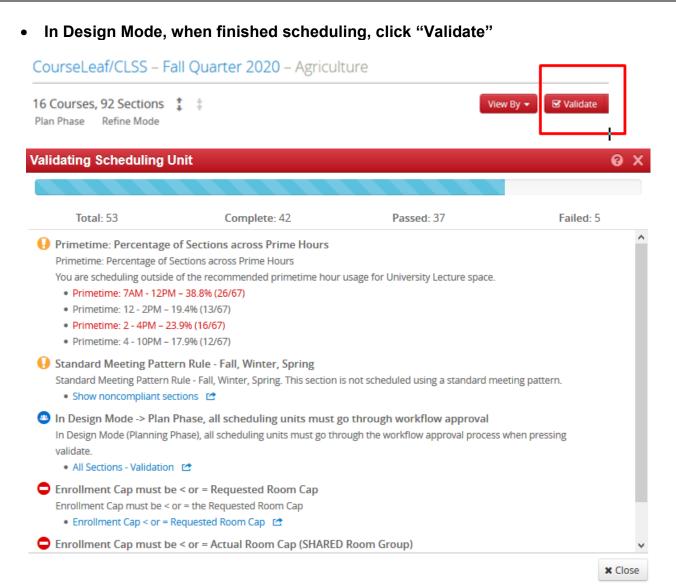


Review all fields and click on "Save Section"



 One to one relationships are seen with a related line between lecture and lab

4 Validate



CLSS Rule Error Messages

- Error - An Error indicates that the section or scheduling unit may not be saved as is. The error description will give the rationale and possible solutions to the error. To save the section, correct the error then attempt to save again.
- Warning A Warning indicates that the section or scheduling unit may be saved, but caution should be taken before completing the schedule. The warning description will give the rationale and may list possible issues that may arise from this section. The Save As-Is Button will appear if the validation only required a warning and not a workflow or error. Warnings do not require any further workflow or approval to be saved.
- Workflow Workflow indicates that the section or scheduling unit may be saved as is but approval will be required to complete entry of the schedule into PSoft. The workflow description will give the rationale. The Start Workflow button will appear when validating a scheduling unit as a whole in Design Mode. When saving a section in Design Mode the workflow indicator will show, but the Save As-Is button will display. In Design mode all workflow takes place at one time for the entire scheduling unit. In Refine Mode when the section is saved the Start Workflow button will appear and the section must be sent through workflow on its own.

- Correct Errors
 - **○** Enrollment Cap must be < or = Requested Room Cap Enrollment Cap must be < or = the Requested Room Cap
 - Enrollment Cap < or = Requested Room Cap

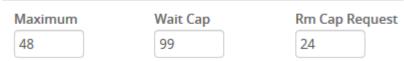


 Select icon to be directed to the section that needs to be corrected before being able to proceed with workflow.

> COMS 101 - Public Speaking

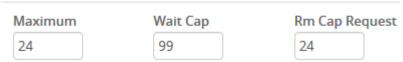
Double click on section

Enrollment



Error: Enrollment cap is 48; Room Cap Request is 24

Enrollment



- Enrollment/Room Caps are amended as needed; click on Save Section when completed
- Note: If receiving error about shared space, you should 1) modify the facility the class is assigned to or 2) notify University Scheduling so a "share" may be created.
 - Enrollment Cap must be < or = Actual Room Cap (SHARED Room Group)

 Enrollment Cap must be < or = Actual Room Cap (SHARED Room Group)

Warnings and Workflow validation messages will allow the scheduler to proceed with selecting Start Workflow
Start Workflow
Once the scheduler "Validates" in Design Mode, the system will automatically turn to Refine Mode.



Scheduling Time Patterns

Prime Time = 9 am -3 pm

REMINDER: 50% of scheduled lecture classes should be outside of Prime Time hours

MWF 3 units (150 min/wk)
MW, WF, MF, TR 2 units (100 min/wk)

7:10am-8:00am 8:10am-9:00am 9:10am-10:00am 10:10am-11:00am 11:10am-12:00pm 12:10pm-1:00pm 1:10pm-2:00pm 2:10pm-3:00pm 3:10pm-4:00pm 4:10pm-5:00pm 5:10pm-6:00pm 6:10pm-7:00pm 7:10pm-8:00pm 8:10pm-9:00pm

11/20/2017

MW, WF, MF 4 units (220 min/wk)

8:10am-10:00am 10:10am-12:00pm 12:10pm-2:00pm 2:10pm-4:00pm 4:10pm-6:00pm 6:10pm-8:00pm 7:10pm-9:00pm 8:10pm-10:00pm

MW 3 units (160 min/wk)

7:40am-9:00am 4:10pm-5:30pm 4:40pm-6:00pm 5:10pm-6:30pm 5:40pm-7:00pm 6:10pm-7:30pm 6:40pm-8:00pm 7:10pm-8:30pm 7:40pm-9:00pm 8:10pm-9:30pm

TR 3 units (160 min/wk)

7:40am-9:00am

8:10am-9:30am 9:40am-11:00am University Hour 12:10pm-1:30pm 1:40pm-3:00pm 3:10pm-4:30pm 4:10pm-5:30pm 4:40pm-6:00pm 5:10pm-6:30pm 5:40pm-7:00pm

6:10pm-7:30pm

6:40pm-8:00pm

7:10pm-8:30pm

7:40pm-9:00pm

8:10pm-9:30pm

8:40pm-10:00pm

LABS

9:10am-12:00pm University Hour 12:10pm-3:00pm 3:10pm-6:00pm 6:10pm-9:00pm 7:10pm-10:00pm *Department space only

TR 4 units (220 min/wk)

7:10am-9:00am 9:10am-11:00am University Hour 12:10pm-2:00pm 2:10pm-4:00pm 4:10pm-6:00pm 5:10pm-7:00pm 6:10pm-8:00pm 7:10pm-9:00pm 8:10pm-10:00pm

Any day/wk (3 hrs/wk)

8:10am-11:00am

Any 4 days/wk 5 days/wk 5 units 4 units (250 min/wk)

(200 min/wk) 7:10am-8:00am 7:10am-8:00am 8:10am-9:00am 8:10am-9:00am 9:10am-10:00am 9:10am-10:00am 10:10am-11:00am 10:10am-11:00am University Hour 11:10am-12:00pm 12:10pm-1:00pm 12:10pm-1:00pm 1:10pm-2:00pm 1:10pm-2:00pm 2:10pm-3:00pm 3:10pm-4:00pm 2:10pm-3:00pm 3:10pm-4:00pm 4:10pm-5:00pm 4:10pm-5:00pm 5:10pm-6:00pm 5:10pm-6:00pm 6:10pm-7:00pm 6:10pm-7:00pm 7:10pm-8:00pm 7:10pm-8:00pm 8:10pm-9:00pm

MW/TR 4 units STUDIO SCHEDULE*

8:10pm-9:00pm

8:10am-9:30am 3:10pm-4:30pm 9:40am-11:00am 4:40pm-6:00pm 12:10pm-1:30pm 6:10pm-7:30pm 1:40pm-3:00pm 7:40pm-9:00pm Lecture and Lab taught back to back in studio pattern. Select two of the above in consecutive pattern. Must be in department controlled space *Ex. TR 8:10-9:30am (Lect) | TR 9:40-11am (Lab)

Prime Time Scheduling percentages*

- 7:10am-12pm 35%
- 12:10pm-2pm 20%
- 2:10pm-4pm 20%
- 4:10pm-10pm 15%

* 90% of lecture, seminar, and discussion sections are scheduled in University space between the hours of 8am-6pm. Departments are asked to follow the above scheduling breakdown in order to maximize use of University Lecture space.

A warning will be received if deviating from these percentages.

6 Glossary

- **Child** section a section added to an existing "parent" section becomes the child and inherits the meeting pattern, e-caps, instructor on record; appears as "See" section on combined sections. *i.e.* See HNRS 145-70
- CLSS CourseLeaf Section Scheduler Plan, edit, validate and publish class schedule.
- **Course Code** the subject code and number that uniquely identifies a course.
- Cross-referenced/Cross-Listed Course are shared by two or more scheduling units; have identical course elements (number, title, description, units, mode of instruction, prerequisites) except the course prefix which reflects the academic department or program.
- **Design Mode** all changes to the schedule are held for a scheduling unit and validated at one time by clicking the Validate button.
- Framer a view of sections by Instance. Historical data can be viewed in three formats.
- Hard Refresh Performing a hard refresh completely clears your web browser cache and loads the web page from the server. Windows: CTRL + F5 Apple/MAC: COMMAND + R
- **Heat Map** a visual representation of the number of sections in a scheduled week.
- Instance the term being scheduled. An Instance can have multiple sessions (i.e. 5W1, 5W2, 8W and 10W/regular).
- Modes How CLSS processes requests.
- **Parent** section changes to pattern, e-caps, and instructor on record; appears as "Also" section on combined sections. *i.e.* Also HNRS 145-70
- Phases periods of time where changes are based on security (Plan, Proof, Print, Archive).
- **Prime Time** distribution of lecture, seminar and discussion sections between 9am-3pm
- **Refine Mode** changes to sections are validated and sent through workflow when each section is saved.
- **Rules** are used by CLSS to determine whether sections or scheduling units meet certain criteria set by the Office of the Registrar.
- Scheduling Unit group of courses that are scheduled together by the same department.
- **Section** a section is the most granular scheduling item; a particular course at a specific meeting pattern and instructor.
- SIS Student Information System.
- **Snapper** shows the section being scheduled and related sections. The Snapper will attempt to "snap" the section into a pre-defined, standard meeting pattern. Default view is all sections of the same course but other courses of interest can be added.
- Workflow a standardized sequence of steps that may follow for approval.

7 Resources

• Resources/Bibliography:

CLSS LilyPad University offers step by step instructions with video tutorials. Click on in the upper right hand corner.

