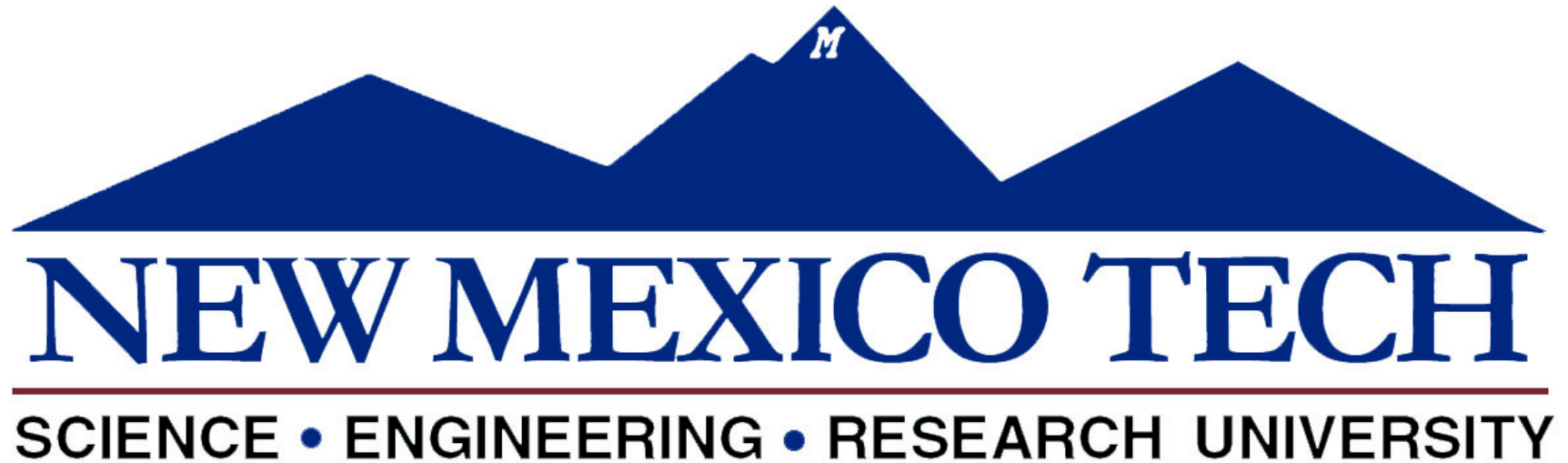


NMT Schedule Builder – Tutorial

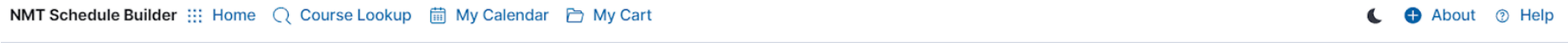
01. Welcome to the NMT Schedule Builder! This website doesn't require any login or credentials, and your user Cart will reset on window close/refresh, or after 24 hours.

a. **Note* this site cannot be used for registration, you will still have to enter your data on Banweb.



b.

02. This is the navigation header, at the top of the page. It offers an easy route to any of the website's pages as well as an option to toggle between light and dark theme modes.

a. 

03. This is the navigation footer, at the bottom of the page. It offers some supplementary links to resources like the NMT Registrar's Office and Banweb.

a. 

NMT Schedule Builder – Tutorial

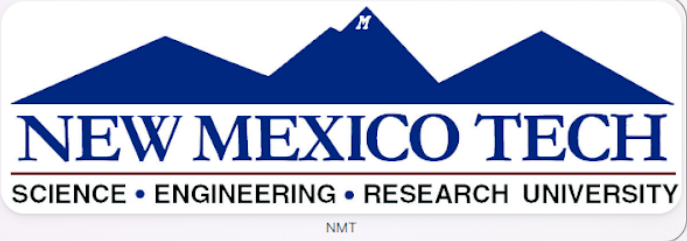
NMT Schedule Builder – Tutorial

04. This is the home page, the main landing page of the site. Here, you'll see a simple set of directions to get started using the site, as well as some useful links and information for course scheduling and registration at NMT.

NMT Schedule Builder :: Home Course Lookup My Calendar My Cart About Help

NMT Course Lookup & Schedule Planning

Welcome to the NMT Schedule Builder! You can use this site to look up classes and their details, plan your schedules following your degree program, avoid time conflicts, and create a personal calendar! For more information, check [here](#).



NMT

Get started making your schedule now!

Find all the courses you need, work out a schedule, and generate a calendar using the steps and pages below.

1. Most degree programs provide a flowchart of courses needed graduate; use this as a reference, supplemented by the catalog, to know what courses to take.
2. Use the 'Course Lookup' page to find the courses you need, and electives you'd like to take. Then, add your courses to your cart using the checkboxes and button.
[Find Classes with Course Lookup](#)
3. The 'My Calendar' page, is generated from your Cart. Once you've selected your courses, you can view your schedule as a familiar weekly calendar, where you'll be easily able to identify issues like time conflicts.
[Build Your Calendar](#)
4. When you're done, you can copy your selected CRNs to your clipboard to register for classes using Banweb, or screenshot your calendar to save it for later.
[Register on Banweb](#)

Need course catalog information? Browse [here](#) To find information about departments and degree programs.

Or check the registrar's website [here](#) for supplementary information about registration.

*Note: this site **cannot** be used to register, you still have to use Banweb*

Built for the students of NMT by the Registrar's Office & IT Dept

Report an Issue Visit NMT's website Go to Banweb

a.

NMT Schedule Builder – Tutorial

NMT Schedule Builder – Tutorial

05. This is the About page, which provides some information about the necessity for, and objectives of the site. NMT users responded to a survey in which they indicated that they're not particularly satisfied with the functionality or capabilities of the Banweb and Beanweb websites, and this project was developed in response.

NMT Schedule Builder

Home

Course Lookup


My Calendar

My Cart

About

Help

About the Schedule Builder
Created as a project for IT Senior Design
(482) on behalf of the NMT Registrar's Office


NEW MEXICO TECH
SCIENCE • ENGINEERING • RESEARCH UNIVERSITY
NMT

Purpose and Role
To help students and advisors more easily
find & use NMT course information to make a
schedule right for them

About the Site

In March, during the Spring 2023 NMT term, we conducted a survey of NMT students, staff, and faculty regarding their experiences and satisfaction with the current processes and options for making a schedule here at NMT. The key results are better understood using the breakdown below.

What this site does:

- Helps users find NMT course catalog / degree program information more easily than browsing documents
- Helps users find the courses they need, more quickly and easily than with Banweb
- Helps users with a nice calendar that can be easily exported or screenshotted for later use
- Helps users identify and resolve things like pre-requisite and time conflicts with courses

Why it was needed:


- 45.5% of NMT users said Banweb needed better searching and page navigation, 26.2% said it needed better readability and formatting
- Banweb is older, and harder to use for some, especially on mobile
- Beanweb works but doesn't have all course information, and isn't updated regularly enough


Why use our site over Banweb or Beanweb?


- 45.5% of respondents said Banweb needs better searching and page navigation
- 26.2% said it needs better readability and formatting
- This platform's aim is to directly address both issues with an easy to use and navigate, modern scheduler


- 22.2% said Beanweb needs better readability and formatting
- Another 22.2% said Beanweb needs better data accuracy
- We want to improve upon student & staff scheduling workflows, by offering an easier way to plan your semesters

Some Useful Links for You:


Banweb


NMT


Registrar


Degree Audit

Need more information?

Feel free to contact the registrar's office [here](#)
Or the development team [here](#)
for more information

Built for the students of NMT by the Registrar's Office & IT Dept

[Report an Issue](#)
[Visit NMT's website](#)
[Go to Banweb](#)

a.

NMT Schedule Builder – Tutorial

3


NMT Schedule Builder – Tutorial

06. This is the help page, which provides a very simple breakdown of the use of the site, as well as an FAQ to try to answer any questions you might have. If you still need more help or information, there are links here to email both the Registrar's Offices or myself to further assist in resolving your issues.

NMT Schedule Builder [Home](#) [Course Lookup](#) [My Calendar](#) [My Cart](#) [About](#) [Help](#)

Having issues?

Learn more about how to use this site here!
See the FAQ and how-to guide below



NEW MEXICO TECH
SCIENCE • ENGINEERING • RESEARCH UNIVERSITY
NMT

Still struggling?

Contact the registrar's office [here](#)
Or the development team [here](#)
for more information

Help and FAQ

How to use the site:

1. Use the course lookup page to find courses by level, term, subject, type, etc
2. Add the needed/desired courses to your cart by selecting them in the lookup results
3. Generate a weekly calendar from your cart of courses by going to the calendar page
4. Export your CRNs for registration on Banweb, and/or your calendar for later use

*Note: this site **cannot** be used to register, you still have to use Banweb*

FAQ:

Do I need an account?

- No. To keep things simple and secure, this external app won't collect any personal information or require user accounts.

How do I search for courses on the website?

- Use the combination of the dropdown menus, and search bar on the lookup page to fine tune your search for a specific course.

Can I share my schedule with others on the website?

- Yes, the generated calendar can be used to export your CRNs to Banweb in order to register, and screenshotted to be saved for later or shared.

How frequently is the course information updated on the website?

- Course information is updated every day, and catalogs are updated annually as the school releases them.

What should I do if I can't find a particular course on the website?

- If you can't find what you're looking for in the lookup, please get in touch with the registrar's office, or try the Banweb course offerings search, available [here](#).

Is there a way to provide feedback or report errors on the website?

- Yes, there's a form for reporting issues, it can be found [here](#).

Built for the students of NMT by the Registrar's Office & IT Dept

[Report an Issue](#) [Visit NMT's website](#) [Go to Banweb](#)

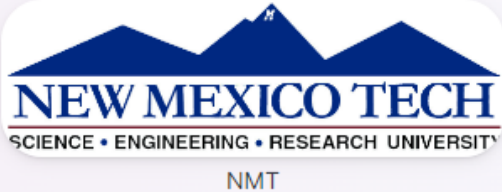
a.

NMT Schedule Builder – Tutorial

07. This is the report page, a simple text input form for any users to tell us about the problems you're having with the website. Upon submission, it will open your default email client in order to send the message by email to NMT.

Noticed a glitch or a bug?

Is something on the site causing issues?
Please report your problem using the form below, or if it's more urgent, get in touch with the registrar's office [here](#).



NEW MEXICO TECH
SCIENCE • ENGINEERING • RESEARCH UNIVERSITY
NMT

Let us know what's wrong

We want to ensure this site is working so that users can always access their schedule information

Error & Issue Report Form

Email

The best email address at which to reach you if we need some further information

Email

Report:

What's wrong and how can we help?

Message

Questions, Comments, Concerns?

[Send Report](#)


a.

NMT Schedule Builder – Tutorial

08. This is the course lookup page, the first step to creating your schedule. The search function offers two options for how to search for courses. Option 1 is selecting a term, some subjects, and course levels similar to how banweb lookup works. Alternatively, option 2 (still requires a term selection) offers an open text-input search bar.

NMT Course Lookup

Search by term, department, type/location, instructor, etc. Find the right classes for you and your degree program here!



NEW MEXICO TECH
SCIENCE • ENGINEERING • RESEARCH UNIVERSITY
NMT

Create your schedule

Add courses to your cart to keep track of them, and track them on your calendar -- lookout for time conflicts.

Course Lookup

Search Option 1 (Specify the Term, Subject, and Level) ↴

Term	Subject / Program	Course Level
Spring 2023	Accounting ACCT	0000 Lvl Pilot/Misc.
Summer 2023	Aerospace Engineering AE	1000 Lvl Freshman
Fall 2023	Air Force Aerospace Studies AFAS	2000 Lvl Sophomore
	Anthropology ANTH	3000 Lvl Junior
	Art History (Creative Art) ARTH	4000 Lvl Senior
	Biology BIOL	5000 Lvl Graduate

Search Option 2 (Specify the term, & Search for a phrase over all course listings) →

Term
Spring 2023
Summer 2023
Fall 2023

[Click search to get your results →](#)

a.

NMT Schedule Builder – Tutorial

NMT Schedule Builder – Tutorial

09. Search Option 1: you must select a term, and are able to select any number of subject or level options to refine your search results.

Search Option 1 (Specify the Term, Subject, and Level) ↴

Term	Subject / Program	Course Level
Spring 2023	Certifications CER I	0000 Lvl Pilot/Misc.
Summer 2023	Chemical Engineering CH E	✓ <u>1000 Lvl Freshman</u> ↵
✓ Fall 2023	✓ Chemistry CHEM	2000 Lvl Sophomore
	Civil and Environmental Engineering CE	3000 Lvl Junior
	Communication COMM	4000 Lvl Senior
	Community Education Fine Arts CEFA	5000 Lvl Graduate
	Community Education Phys Rec CEPR	

a.

10. Search Option 2: you still must select a term, but are able to search for any titles, instructors, locations, etc.

Search Option 2 (Specify the term, & Search for a phrase over all course listings) →

Term	Search
Spring 2023	🔍 Introduction to Chemistry ✕
Summer 2023	
✓ Fall 2023	

a.

NMT Schedule Builder – Tutorial

NMT Schedule Builder – Tutorial

11. Your Results: the table that populates with the results of your course lookup. You can add the items you want to your cart by selecting the checkbox on the right edge of each entry

Your Results:										
Select your chosen courses using the checkboxes→										
CRN	Title ↑	Course	Instructor	Days	Time	Location	Enrolled/Seats	Waitlist	Catalog	<input type="checkbox"/>
21780	Blockchain & Cryptocurrency	IT 4089-03D	Dongwan Shin	T R	1100-1215	WEB-V	0 / 15	0	Link	<input checked="" type="checkbox"/>
21768	Cryptography & Applications	IT 4041-01	Dongwan Shin	T R	1230-1345	TBA	0 / 15	0	Link	<input type="checkbox"/>
21779	Predictive Data Analysis	IT 4089-02D	Jun Zheng	T R	1530-1645	WEB-V	0 / 15	0	Link	<input checked="" type="checkbox"/>
21770	Senior IT Design Project	IT 4081-01	Franklin Reinow & Subhasish Mazumdar	M	0900-1030	TBA	0 / 15	0	Link	<input checked="" type="checkbox"/>
21771	Smart & Secure Sensory Systems	IT 4089-01	Hamdy Soliman	M	1600-1830	TBA	0 / 15	0	Link	<input checked="" type="checkbox"/>
21774	Smart & Secure Sensory Systems	IT 4089-01D	Hamdy Soliman	M	1600-1830	WEB-V	0 / 15	0	Link	<input checked="" type="checkbox"/>

Rows per page: 10 ▾

< 1 >

a.

NMT Schedule Builder – Tutorial

NMT Schedule Builder – Tutorial

12. When done, click the button at the bottom of the page to add your selections to your cart (Cart will open to show your progress). If you want to add more courses, simply click Continue Building, and start over at search option 1 or 2.

Finally, add your selections to your cart →

Add selected items to cart

a.

13. If you have any time conflicts in your cart, their entries will be displayed with a red background. Sometimes courses are just not compatible, but sometimes there may be another section available. Either way, your best choice is to remove the conflict from your cart and try to find a replacement on the lookup page. To remove some, or all, of your courses from your Cart, you can select the ones you wish to remove using the checkboxes, or you can delete your entire cart using the red button (not recommended).

Your Cart of Courses:

CRN	Course	Campus	Days	Time	Location	<input type="checkbox"/>
21780	IT 4089-03D	DE	T R	1100-1215	WEB-V	<input type="checkbox"/>
21779	IT 4089-02D	DE	T R	1530-1645	WEB-V	<input type="checkbox"/>
21770	IT 4081-01	M	M	0900-1030	TBA	<input type="checkbox"/>
21771	IT 4089-01	M	M	1600-1830	TBA	<input type="checkbox"/>
21774	IT 4089-01D	DE	M	1600-1830	WEB-V	<input type="checkbox"/>

Rows per page: 5 >

< 1 >

Delete all items

Red entries indicate a time conflict among your selections.
To remove an item from your cart, select it, and click Delete Item(s).
"Delete all items" will remove **ALL** items from your cart (Not Recommended).

Continue Building View on My Calendar

a.

NMT Schedule Builder – Tutorial

NMT Schedule Builder – Tutorial

21770	IT 4081-01	M	M	0900-1030	TBA	<input type="checkbox"/>
21771	IT 4089-01	M	M	1600-1830	TBA	<input checked="" type="checkbox"/>
21774	IT 4089-01D	DE	M	1600-1830	WEB-V	<input checked="" type="checkbox"/>

Rows per page: 5 ▾

< 1 >

Delete selected items

Delete all items

Red entries indicate a time conflict among your selections.
To remove an item from your cart, select it, and click Delete Item(s).
"Delete all items" will remove **ALL** items from your cart (Not Recommended).

b.

14. Once you've selected all your desired courses, head to the My Calendar page to generate a schedule from your cart. You can get here either by clicking the link in the navigation header, or the button in the Cart popup.

[Home](#) [Course Lookup](#) [My Calendar](#) [My Cart](#)

a.

× Continue Building

 View on My Calendar

b.

NMT Schedule Builder – Tutorial

NMT Schedule Builder – Tutorial

15. This is the calendar page. It was constructed to be more of a modernized and readable formatting of the Banweb/Beanweb schedule pages so that it's familiar to NMT users but an improvement over those existing sites. If you hover your mouse over the event tiles on the calendar, you can see more information, such as the full course title, the instructor, and the location. This page will show time conflicts, but not as clearly as your cart. Conflicting events will both be shown (example a below), but occupying the same space on the page – watch out for this and remember to avoid schedule conflicts by making your schedules look more like example b.

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
6:00 AM							
7:00 AM							
8:00 AM							
9:00 AM		IT 4081-01					
10:00 AM							
11:00 AM			IT 4089-03D		IT 4089-03D		
12:00 PM							
1:00 PM							
2:00 PM							
3:00 PM							
4:00 PM		IT 4089-01 IT 4089-01D	IT 4089-02D		IT 4089-02D		
5:00 PM							
6:00 PM							
7:00 PM							
8:00 PM							
9:00 PM							

a.

NMT Schedule Builder – Tutorial

NMT Schedule Builder – Tutorial


b.

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
6:00 AM							
7:00 AM							
8:00 AM							
9:00 AM		IT 4081-01					
10:00 AM							
11:00 AM			IT 4089-03D		IT 4089-03D		
12:00 PM							
1:00 PM			IT 4041-01		IT 4041-01		
2:00 PM							
3:00 PM							
4:00 PM			IT 4089-02D		IT 4089-02D		
5:00 PM							
6:00 PM							
7:00 PM							
8:00 PM							
9:00 PM							


c.

Exporting Your Schedule

Tentative Schedule:

 [Export Calendar](#)

Banweb Registration:

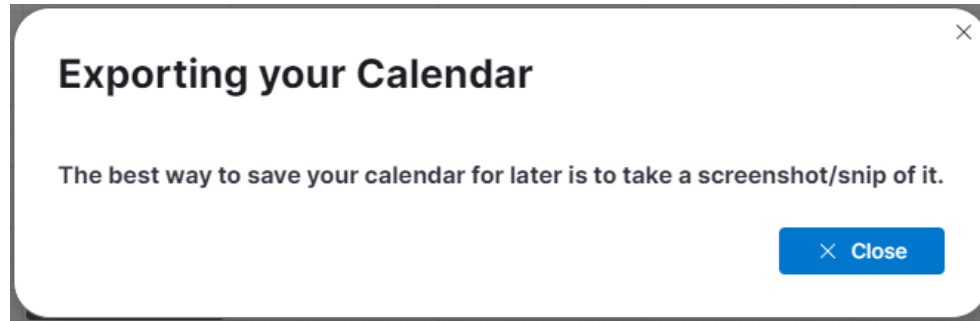
 [Export CRNs](#)

NMT Schedule Builder – Tutorial

NMT Schedule Builder – Tutorial

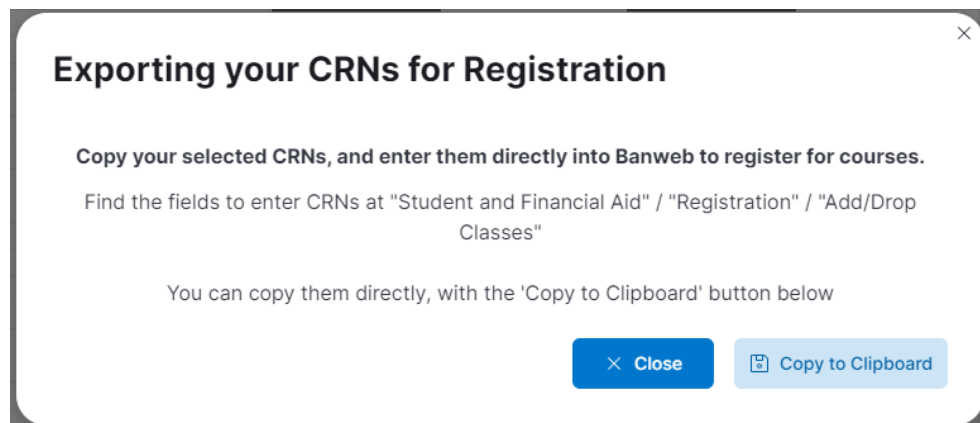
16. To save your calendar, in order to access it later, or to share it with others: similar to using Banweb, the best way for users to save their calendars is to take a screenshot or a snip of it, and save it as an image. On a Windows system, the two easiest ways to do this are to press the 'Print Screen' key, or the snip shortcut, 'Windows + Shift + S'. On MacOS or Linux, 'PrtSc' or 'Alt + PrtSc'.

a.



17. To export your CRNs, in order to register for your selected courses on Banweb, there's another button at the bottom of the page that will allow you to copy the CRN data to your clipboard, preformatted with whitespaces so that you can paste all of them into Banweb's entry field at once. After copying these values, you can find an easy link to the Banweb login in the footer at the bottom of the page, or navigate there on your own.

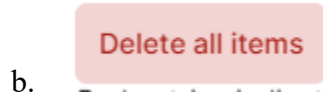
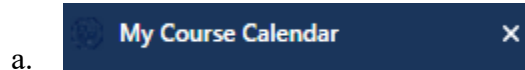
a.



NMT Schedule Builder – Tutorial

NMT Schedule Builder – Tutorial

18. To start over, or to start another schedule, you can close your tab to clear out your cart. Or alternatively, you can use the Delete All functionality in the Cart popup to forcibly clear it. Then you can start over at the course lookup stage, and build another schedule.



19. Now that you've made your schedules and copied your CRNs, you're all ready for registration, and for your upcoming term. Study hard and best of luck with your courses, NMT!

NMT Schedule Builder – Tutorial