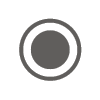
**STEM Framework Meeting-20240912\_082822-Meeting Recording**

September 12, 2024, 1:28PM

18m 16s

 **Tonja Norwood** started transcription

 **Tonja Norwood** 0:12  
Good morning, everyone.

 **Bryan Hawk** 0:23  
Why do you sign up?  
What's the day outside, you \*\*\*\* \*\*\*\*, warm in the air, just like I did.  
It was an mob out. Yeah, but that was like it was like.  
That's amazing.  
That was.

 **Jarah Russell/ Jenny Hicks** 0:54  
Oh.

 **Tonja Norwood** 1:30  
Can everyone see my screen?

 **Simon Gallagher** 1:35  
Yes, ma'am.

 **Tonja Norwood** 1:35  
Comes up alright. Awesome.

 **Jarah Russell/ Jenny Hicks** 1:38  
I'm working not working, not working.  
I wonder if you work on this. It's it's kind of weird.

 **Brian Leaver** 1:45  
Corner of your screen you can add.  
Where you are from, that would be helpful.  
Many of you have done that.  
Appreciate it.  
If you are with another person watching this, we need to be sure that Lynn knows that.  
Both of you are all of you, depending on how many are watching one screen.  
Or getting credit.  
So you need to be sure if your names are not both on there that you have.  
Let Lynn know that you're both there.  
And we'll continue to.

 **Tonja Norwood** 2:19  
Unmute their mics.  
OK.  
It is 831. I'm going to go ahead and get started.  
I just wanna let everyone know that I am recording this meeting for those who could not join us this morning.  
Basically this is our STEM framework work input meeting.  
We were asked to go ahead and meet with everybody who might be interested in the framework and any changes or updates that we have.  
So today's goals, our first thing I want to do is introduce you to our STEM team.  
How to navigate our website and find program information sequences certifications also.  
To let you know about the program, our recommendations in STEM, we've had the same program. Our recommendations for years.  
Really nothing has changed.  
I've already met with a handful of people.  
That were outside of the parameters of the recommendations, and then the last thing is any feedback on any of the recommendations?  
So that's kind of the agenda.  
For today, so that you're all aware of what we're doing in the meeting today.  
So the first thing that I want to do is introduce you to my team.  
So in region 1, which is the red region of the map is Kelly Carnes.  
She will help you in Caddo Kiowa Western.  
You can see the map.  
So she is our red region representative.  
The next person is Tara Dai. She is in the green region of the state and she can help you with questions or so can anybody in the STEM area.  
The next one is Christy.  
O'meally she is in the blue area of the state.  
4th one is Angela Tieman.  
She is in the gold region of the state.  
Her expertise is in the BioMed biotech area.  
And the last one, last but not least is the orange region of the state.  
And it is Stacy Dietz.  
And she she is our newest program specialist.  
So I wanted you to become familiar with her. The next thing that I want to do is give you a little bit of information about where you can find the STEM program.  
So if you go to the Oklahoma?  
Career tech website and you go under educators and then stem notice down at the bottom.  
So it's oklahoma.gov career tech.  
You click on educators, then you click on the stem and then you go ahead and click on programs.  
This is the screen that you will come to the navigation once you get to the STEM website. If you look on the left hand side of the screen you'll see programs so each of the programs are outlined.  
In on on this website.  
The next thing that you will see, whoops. I think I skipped forward a couple is once you click on those it will give you additional information about the different state program areas.  
If you look at the framework.  
Within C 10s, you will see each program is like aerospace program.  
That's 480 hours. If it says aerospace program advanced, it will be 960 hours.  
The only change to the framework that we will have is either ask for an additional O CAS code for those of you who actually have academies and those hours will be 1440. That is no change.  
We're just submitting them under the 960 and we are allowing the 150 increase over that, but now that's no longer.  
So we will add an additional state program that will say if it's like biomedical science and and medicine program, it will just say Dash Academy and it the recommended hours will be 1440.  
So here is what would you would come to. I think my slides were out of order here.  
So when you click on the program.  
Button on the previous slide you will actually come to a website that will tell you the biomedical sciences for instance.  
These are your C tems program codes.  
These are your ocas codes.  
The recommended number of hours and and some resources to help you with that, and a definition of that program.  
So again, if you go under the Oklahoma Crew Tech website.  
Educators, stem and programs, and you click on the BioMed. This is what you would come.  
This website would come up so that would help you. The other thing that we have underneath there is sequence of courses and course description guides.  
So you will get a sequence of courses. This one happens to be the pre engineering sequence of courses and it will tell you all the OCAS codes. It will tell you the recommended number of hours and any potential pathways sequences that you may want to use your S.  
And sock code is all there.  
Any additional courses that you may want to add because of what happens with a lot of you is.  
You don't have all the same courses because depending upon what the student comes in with, you kind of have a smorgas board of courses that could. The students can choose from.  
The next thing is course information.  
So if you you click on the course information you can find course description guides you can search for high school courses here to find out their ocas codes. If you're unfamiliar, if you don't want to use the paper copy, there's definitions of the course description guide as well.  
So basically, if you're looking at the course description guide, they're listed in alphabetical order and then at the end of the high school classes they're listed in.  
Order, along with any Oklahoma promise information that you might need. And again.  
If you look, you go to the Oklahoma Courier Tech website educator stem and then the course information and that's where you can find that information.  
Certifications. So if you go to our website under the certification information, it tells you teacher certification is one thing, because it logically you know people click on certification, find out teacher information, but also certifications. As far as our approved list, our STEM approved guide, what the stem appro.  
Guide will do is it will.  
I'm just gonna pop you to the next one. It actually lists all the courses in alphabetical order and all the different certifications that you can pick from.  
And the nice thing about this is when you're doing follow up and you're looking for those, if you look at the last four numbers in parentheses, you can type that in instead of having to type that long name in when you're doing follow up. So that could be.  
Very beneficial to you.  
And that is really what I have on my end.  
So what I need from you now is questions, recommendations and concerns.  
And I hear silence.  
Is there anybody that has any input? Any concerns?  
Anything if there's really nothing different other than we will add a an Academy code so that you will put that in as a 1440. But you will have the template just like you've had in the past.  
You will have all the certifications that you just you pick from.  
Other than that, that's really all I have.

 **Bryan Hawk** 10:46  
Hey, Tanya, this is Brian from CB tech.

 **Tonja Norwood** 10:49  
OK.

 **Bryan Hawk** 10:51  
Our biggest question was the 1440 courses, but good to hear that we have something in the pipeline for that.  
So that was the only questions we had before this. So thank you.

 **Tonja Norwood** 11:03  
Yes.  
Anything else?  
Oh, you guys are an easy group. This is.

 **Cori Gray** 11:15  
Hi, Tanya.  
It's Corey.  
I just wanted to say #1 thank you everyone for hopping on this morning.  
We knew that in the STEM division it was pretty much outlined and it would be easier.  
We just wanted to make sure you all have input as far as what happens with the framework, as in all of the other areas.  
I asked Tonya to have this meeting.  
Just so you all could gather, and if everything's outlined, you all don't necessarily have to meet again.  
It's just we wanted to make sure you all had input and questions.  
Brian said the question he had was actually addressed as far as it you know, relates to the academies, so.  
If you all feel set and comfortable, you know the information is outlined on STEM and that they're always there to support you.  
Now your other meetings may not be as quick.  
But we knew this one had to take place, so it's done. So thank you.

 **Christa Simmons** 12:14  
Tanya, I do have a quick question and this is Christa from or Norman, so?  
With the courses and the course enrollments that are happening with the secondary course enrollments that we went through training on last week.  
Will those be reflected?  
'Cause we have those course only classes with like our Poe and things like that at the sending schools.  
How does that factor in with the STEM courses for for our engineering?  
Or is that different?  
I just want to make sure we're not counting those twice or how does that look in the framework moving forward?

 **Tonja Norwood** 12:56  
So in the framework, what will happen with your like Robert Johnson?  
He's at ascending school.  
You will fill out his class schedule and those those students within his class schedule when they come to the tech center. Then you will enroll him into a full time or when those students come, not him. When those students come, then you'll enroll them into your program. So.  
They could potentially have a couple of those pre engineering courses as they come into the tech center.  
Hence the smorgasbord of courses that you guys have to choose from, because every student is coming in with a different experience.

 **Christa Simmons** 13:35  
OK, OK.  
Thank you.

 **Tonja Norwood** 13:36  
Uh huh.  
Anything else?  
OK.  
Well, I guess you are free to go.  
I'll stay on for a few minutes in case anybody has any questions.

 **Bryan Hawk** 13:59  
Thank you.

 **Pioneer Tech** 14:13  
Tanya.

 **April Blackwell** 14:13  
Tonya, I mean, I do.

 **Tonja Norwood** 14:15  
Yes.

 **Pioneer Tech** 14:16  
Yeah, this is kinder at Pioneer Tech.  
I just I I didn't assume this applies to everybody, so I didn't wanna ask in the whole group.  
On the framework that is from ODCTE under BioMed, it lists all four of the PLTW courses. We don't teach all four courses.

 **Tonja Norwood** 14:37  
That's up to you, yeah.

 **Pioneer Tech** 14:37  
OK.  
So we can deviate those hours and those courses that are within there to get to 960.

 **Tonja Norwood** 14:43  
Yeah, the the hours are the important thing.  
The courses that you teach in the sequence, it really should align to your industry or what your needs are of your students, because they're all coming in with different experiences.

 **Pioneer Tech** 14:55  
OK, perfect.  
I just was like uh oh.

 **Tonja Norwood** 14:59  
No, no, you're good.

 **Pioneer Tech** 15:01  
OK.  
Thank you so much.

 **Tonja Norwood** 15:03  
You're welcome.

 **April Blackwell** 15:11  
Hey, Tonya, this is April at how are you?

 **Tonja Norwood** 15:13  
Hey, April. Good. Thanks.

 **April Blackwell** 15:15  
I have a question just about Afton and we kind of talked about this last year as we were going through framework, we submitted 3 different experiences for APTON. They have the 960, then they have a 1440.  
We put them under and then we did a 480 as well, kind of a foundations.  
Is that the best method?  
Is there a different process you would like us to you?  
I mean what?  
What do you think?

 **Tonja Norwood** 15:42  
No, I I think that's fine if if you have students that are just coming one year and and doing that program, then that's a 480. If they're coming two years or if they're doing Academy, yeah, all that leave that the same as long as you're getting stud.

 **April Blackwell** 15:44  
OK.

 **Tonja Norwood** 15:57  
Enrolled and you're getting, you know, completers or whatever concentrators you're you're good to go.

 **April Blackwell** 16:03  
OK, 'cause, I knew we did a 960 and then we did the 1440.  
So I just wanted to make sure we needed to continue doing both of those.

 **Tonja Norwood** 16:11  
Yeah, I that's totally up to you.

 **April Blackwell** 16:12  
OK.  
OK.  
All right, perfect. Thank you.

 **Tonja Norwood** 16:15  
Alright, thanks.

