

## PROPOSED ACTION

Description of Proposed Action	Impact on Instruction
<p>The Science Academy and the Mathematics Department would like to propose a new course(s).</p> <p>Logic 1 PEIMS Code N1290100</p> <p>Logic 2 PEIMS Code N1290101</p> <p>Weight 1.1, this class would be offered after Pre-Calculus</p> <p>(These courses are currently being renewed for the 2020-2021 school year and are part of the Approved Innovative Courses under TEA – Academic – Subject Areas - Innovative Courses)</p>	<p>Which Common Core Standard does this course address?</p> <p>Logic is closely related to two required standards for mathematical practice:</p> <p>(1) <b>Reason abstractly and quantitatively.</b> The students are able to abstract a given situation, represent it symbolically, and manipulate those symbols as if they have a life of their own, without necessarily attending to their referents.</p> <p>(2) <b>Construct viable arguments and critique the reasoning of others.</b> Students can build a logical progression of statements to explore the truth of their conjectures and the conjectures of others. They justify their conclusions, communicate them, and respond to the arguments of others. They can distinguish correct logic or reasoning from that which is flawed and, if there is a flaw in an argument, explain what it is.</p>
<p>I recommend approval for the above proposed action.</p> <p><u>Irma Castells</u> Campus Principal</p> <p><u>12-16-19</u> Date</p>	

## Policies & Procedures Review

(Cite specific local or state policy & procedure codes and the extent to which the proposed action can be done within present policy requirements. Does the action require a policy or procedure change prior to approval? If so what is your recommendation with supporting reasons?)

The STISD master list of courses will require the addition of this proposed new courses (Logic 1 and Logic 2), if this proposed action is approved. These would be level 3 (1.10) courses.

The South Texas ISD Science Academy course sequence will need to be revised to reflect the additional courses and the placement of the new courses in the sequence.

The impact to instruction is positive. The addition of an additional advanced level mathematics courses will further the opportunity for students.

I have reviewed the above proposed action and all pertinent policies and procedures that apply. My recommendation is the following:

I approve.  
 I disapprove.

Jeff Hembree 1-7-20  
Signature of Deputy Superintendent & Date

## Budget Impact Review

(Cite specific line items that will be affected. If the proposed action requires expenditures, are there sufficient funds in the present budget to cover the expense if the proposed action is approved? If insufficient funds exist to support the proposed action so indicate and recommend specifically how a proposed budget amendment would be presented to accommodate the proposed expense.)

The inclusion of these advanced mathematics courses will not require the employment of any additional teacher.

The campus budget will cover the normal annual expenses incurred for instruction. The state instructional materials allotment will cover the cost of textbooks.

There will be training cost for the teacher which will come from federal funding allocated to the campus. Intrologic Teacher Training Program at Stanford University \$750/person plus travel/room /board for length of training workshop (5 days).

I have reviewed the above proposed action and all pertinent policies and procedures that apply. My recommendation is the following:

I approve.  
 I disapprove.

\_\_\_\_\_  
Signature of Assistant Superintendent & Date

Final Approval: \_\_\_\_\_  
Signature of Superintendent & Date