Missouri A+ Tab & Script

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Below is a description of the A Plus fields and related logic. The A Plus script runs nightly. Students must have an active year enrollment with a grade level or 09, 10, 11 or 12 that does not have an end date and is not state-excluded. This script & tab are provided as a courtesy to CIC's Missouri customers. Please submit a support case if you would like this script & tab applied to your site.

The A Plus attendance calculation incorporates the 20-21 distance learning attendance calculation. See the 'Quarantine, Distance and Blended Learning Attendance Calculation' documentation for additional information.

A Plus tab Field	Description of Data
Agreement Date	District will populate this field.
A+ Status	District will populate this from the pull down values of: 01: Dropped at Parent/Student Request 02: Eligibility Pending 03: Eligible Graduate 04: Not Yet Eligible 05: Permanently Ineligible 06: Transferred Out 07: Withdrawal from Program
FAFSA	District will populate this field
Enrollment Date	District will populate this field

Selective Service	District will populate this from the pull down values of: Y: Yes N: No NA: Not Applicable
Using Funds	District will populate this from the pull down values of: Y: Yes N: No
Completion Date	District will populate this field
Incentive Expires	District will populate this field
Disqualification Date	District will populate this field
Reason	District will populate this from the pull down values of: 01: Attendance 02: GPA 03: Mentor/Tutor 04: Self 05: Transfer 06: Other 07: Citizenship 08: NA Or other custom values as defined by the district
Coordinator	District will populate this field

Comments	District will populate this field
Cumulative Days Present	This field will be updated nightly via a SQL script. This calculation excludes any courses/sections marked as 'Online learning: Yes'
Cumulative Hours Present	This field will be updated nightly via a SQL script. This calculation excludes any courses/sections marked as 'Online learning: Yes'
Cumulative Days Absent	This field will be updated nightly via a SQL script. This calculation excludes any courses/sections marked as 'Online learning: Yes'
Cumulative Hours Absent	This field will be updated nightly via a SQL script. This calculation excludes any courses/sections marked as 'Online learning: Yes'
Transfer Days Attendance	District will populate this field for students transferring into A+ from another A+ school
Transfer Hours Attendance	District will populate this field for students transferring into A+ from another A+ school
Transfer Days Absent	District will populate this field for students transferring into A+ from another A+ school
Transfer Hours Absent	District will populate this field for students transferring into A+ from another A+ school

Virtual Hours	This field will be updated nightly via a SQL script.
	
	1. Find all a student's courses that are marked as 'Online Learning: Yes' on either the Course tab or Section tab
	
	2.
	
	    1. If the course does not exist on the student's transcript (matching only by course number) then multiply the minutes by 47%
	
	    2. If the course does exist on the student's transcript (matching only by course number) and the student is marked as 'A+ Student: Yes' on the Enrollment record AND the 'Program' field on the Course or Section has a value of 50 or 52 then multiply the minutes by 95%
	
	    3. If the course does exist on the student's transcript (matching only by course number) and 2 does not apply then multiple the minutes by 94%
	
	3. Sum i, ii & iii into the 'Virtual Hours' field

Overall Daily Att %	This field will be updated nightly via a SQL script using the Cumulative, Transfer and Virtual Hours field values. Virtual Hours are considered 'present' minutes
Overall Hourly Att %	This field will be updated nightly via a SQL script using the Cumulative, Transfer and Virtual Hours field values. Virtual Hours are considered 'present' minutes
Cumulative Unweighted GPA	This field will be updated nightly via a SQL script using the GPA calculations associated with transcripts in Campus
Citizenship Points	This field will be updated nightly via a SQL script using the following logic All OSS resolution codes from the Behavior module will equal 4 points All ISS resolution codes from the Behavior module will equal 3 points
Citizenship Probation	District will populate this field
Citizenship Affidavit	District will populate this field

Tutoring/Mentoring Grade 09	District will populate this field
Tutoring/Mentoring Grade 10	District will populate this field
Tutoring/Mentoring Grade 11	District will populate this field
Tutoring/Mentoring Grade 12	District will populate this field
Tutoring/Mentoring Total	This field will be updated nightly via a SQL script using the Tutoring/Mentoring field values
American Disability Act	District will populate this from the pull down values of: Y: Yes N: No
Years of Enrollment	District will populate this field for students to verify they have been enrolled in A+ Programs for at least three years
Additional Comments	District will populate this field
Assessment Req Met	This field will be updated nightly via a SQL script using the following logic 'Yes' is populated if for either of these conditions 1. the parent assessment has the National Code marked as 'ACT' and a child test name of '%Math%' (where % is a wildcard) and a Scale Score >= 17 2. a Subject that has 'A+' (no spaces) anywhere in the Attribute Dictionary > Test > Subject > Name field and Result Codes. Result Codes flagged as 'Passing Score' will populate this field with a 'Yes'

ACT/GPA Req Met	This field will be updated nightly via a SQL script using the following logic

Any assessment used to calculate this requirement must have a parent assessment with the National Code marked as 'ACT' and a child test name of '%Math%' (where % is a wildcard)

Any assessment used to calculate this requirement must record the assessment score in the Scale Score field.

To populate with a value of 'Yes' a student must meet one of these requirements:

- Score of 17 or higher on the ACT Math test and a GPA >= 2.5

- Score of 16 on the ACT Math test and a GPA >= 2.8

- Score of 15 on the ACT Math test and a GPA >= 3.0 |
| Provisionally Certified | District will populate this field to flag students who have met all A+ requirements with the exception of the Assessment requirement |

The value from the 'A+ Status' field on the A Plus tab will automatically populate the 'A+ Student' field on the Enrollment tab using the following logic. If there is not a value in the A Plus tab field, the Enrollment tab field will be updated to NULL which will default to N in the state extract.

A Plus tab 'A+ Status'	Enrollment tab 'A+ Student'
01: Dropped at Parent/Student Request	N: No
02: Eligibility Pending	Y: Yes
03: Eligible Graduate	C: Complete
04: Not Yet Eligible	Y: Yes
05: Permanently Ineligible	N: No

06: Transferred Out	N: No
07: Withdrawal from Program	N: No

Invalid characters in the following fields generate a Process Alert message to all Infinite Campus System Administrators (unless a different user/user group is setup to receive the messages).

A Process Alert message is generated for the following fields. The invalid character must be manually removed from these fields.

- Transfer Days Attendance

- Transfer Hours Attendance

- Transfer Days Absent

- Transfer Hours Absent

- Tutoring/Mentoring Grade 09

- Tutoring/Mentoring Grade 10

- Tutoring/Mentoring Grade 11

- Tutoring/Mentoring Grade 12

- Years of Enrollment

A Process Alert message is generated for the following fields based on invalid characters in other fields. The script nulls the field for all students and the calculation for the field is skipped for all students.

- Overall Daily Att Pct based on the invalid character(s) in the 'Transfer' fields

- Overall Hourly Att Pct based on the invalid character(s) in the 'Transfer' fields

- Tutoring/Mentoring Total based on the invalid character(s) in the 'tutoring' fields

A Process Alert message is not generated if these fields have an invalid character; the script overwrites the value with the appropriate value for all students

- Cumulative Days Present

- Cumulative Hours Present

- Cumulative Days Absent

- Cumulative Hours Absent

- Overall Daily Att Pct

- Overall Hourly Att Pct

- Cumulative Unweighted GPA

- Citizenship Points

- Tutoring/Mentoring Total