FALL 2022
Advanced Math Course Reporting

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• Examine the Purpose and Timeline of the Advanced Math Course (AMC) report
• Walk through the processes:
  • Run the AMC report
  • Examine and validate the AMC report data
  • Make data corrections at the student level
  • Approve the AMC report at the school and LEA level
The purpose of the legislation

Advanced Courses in Mathematics legislation

Broaden access and successful participation in advanced courses.

Regardless of student background and demographic factors, those who demonstrate readiness are guaranteed the opportunity to access advanced coursework in mathematics.

GENERAL ASSEMBLY OF NORTH CAROLINA
SESSION 2019
SESSION LAW 2019-120
SENATE BILL 500

AN ACT TO MAKE CERTAIN MODIFICATIONS TO THE IMPLEMENTATION OF ADVANCED MATH COURSES OFFERED WHEN PRACTICABLE FOR GRADES SIX AND HIGHER.

The General Assembly of North Carolina enacts:

SECTION 1. G.S. 115C-81.36 reads as rewritten:

"§ 115C-81.36. Advanced courses in mathematics.
(a) When practicable, local boards of education shall offer advanced learning opportunities in mathematics in grades three through five, and advanced courses in mathematics in all grades three–six and higher. For the purposes of this section, advanced learning opportunities are those services and curricular modifications in mathematics for academically or intellectually gifted students approved as part of the local plan, as required by G.S. 115C-150.7.
(a1) When advanced learning opportunities are offered in mathematics in grades three through five, any student scoring at the highest level on the end-of-grade test shall, for the next school year, be provided advanced learning opportunities in mathematics approved for that student's grade level. No student who qualifies under this subsection shall be removed from the advanced learning opportunity provided to the student unless a parent or guardian of the student provides written consent for the student to be excluded or removed after being adequately informed that the student's placement was determined by the student's achievement on the previous end-of-grade test.
(b) When advanced courses are offered in mathematics, mathematics in grades six and higher, any student scoring a level five at the highest level on the end-of-grade or end-of-course test for the mathematics course in which the student was most recently enrolled shall be enrolled in the advanced course for the next mathematics course in which the student is enrolled. A student in seventh grade scoring a level five at the highest level on the seventh grade mathematics end-of-grade test shall be enrolled in a high school level mathematics course in eighth grade.
The purpose of AMC reporting

Advanced Courses in Mathematics legislation,

NCDPI will report the number and demographic information for students who were eligible for advanced math courses, and were then either placed or not placed in an advanced math course in the following school year.
Where & When do we report?

**Districts** run and approve the PowerSchool AMC report

- State Reporting hub
- Submission window opens **October 1 - 15, 2022**

**NCDPI** will compile and submit the data to the Joint Legislative Education Oversight Committee (JLEOC) - by **December 15, 2022**
Running the Report

School level reports - all secondary schools
Running the Report

PowerSchool SIS

Functions
- Attendance
- Attendance Today
- Dashboard
- Enrollment Summary
- Health Management
- Importing & Exporting
- Incident Management
- Master Schedule
- Search Attachments
- Special Functions
- Special Programs
- Teacher Schedules
- Custom Links

Reports
- System Reports
- ReportWorks
- PSCB Custom Reports
- SQLReports
- State Reports
- Standalone Reports

Start Page

Reports Section:
- System Reports
- ReportWorks
- PSCB Custom Reports
- SQLReports
- State Reports
- Standalone Reports

Legend:
- Icons
- Date Entry

Daily Bulletin - Tuesday, October [date]
Running the Report

![Screen shot of Running the Report interface]
Running the Report
Submission Views (3 Reports)
## Advanced Mathematics Course Enrollment (AMC)

### Description:
This report shows all students within a school who were eligible for an advanced math course (based on previous year EOG or EOC scores). The report also shows the current course each eligible student is enrolled in (assigned to), and if the current course code matches one of the advanced course codes.

### Results

<table>
<thead>
<tr>
<th>School Number</th>
<th>School Name</th>
<th>Student Name</th>
<th>Student Number</th>
<th>Sex</th>
<th>Grade Level</th>
<th>Ethnicity</th>
<th>English Language Status</th>
<th>Homeless Status</th>
<th>Migrant Status</th>
<th>AIG Status</th>
<th>EC Status</th>
<th>Previous Course</th>
<th>Previous Course Assessment</th>
<th>Previous Course Achievement Level</th>
<th>Current Course</th>
<th>Advanced Course</th>
</tr>
</thead>
</table>
Review the available data

At the school level detail view, consider the following:

1. Are there any students missing from the report?
   • Cross reference with accountability data to determine if there are students who achieved a Level 5, but are not listed on the report.

2. Is the information captured in the table accurate?
   • Determine if students are accurately reflected as either placed (Y) or not placed (N) in an advanced course in the current school year.
Data review - next steps:

For students missing from the report -

- Check historical test record
- Enter test data
- Refresh/re-run to capture the change

Concerns about students showing as “not placed” on report -

- No - due to parent request
  - Keep written documentation of request
  - Report is accurate - make no changes
- No - because the student was overlooked when preparing schedules for the new year
  - FIX the student’s schedule
- No - but the student IS enrolled in an advanced course?
  - If so, check the current course code!
  - LOCAL codes will require a data correction - using the NEW override feature!
Summary by School Report (Not placed)
Summary by School Report (Placed)
Exception View Report

Advanced Mathematics Course Enrollment (AMC)

Choose category: AMC Exceptions Views
Choose data view: Please Select

Results: AMC-2: Eligible Students Not Currently Enrolled in Advanced Math Course - Information
## Exception View Report

### Advanced Mathematics Course Enrollment (AMC)

Choose category: AMC Exceptions Views

Choose data view: AMC-2 Eligible Students Not Currently Enrolled in Advanced Math Course - Information

**Business Rule:** Eligible students who reached level 5 in previous SY but not currently enrolled in an Advanced Math course.

**Steps to Correct:** Report students but allow report to complete and allow review and approve.

### Results

AMC-2: Eligible Students Not Currently Enrolled in Advanced Math Course - Information (13 total records)

<table>
<thead>
<tr>
<th>School Number</th>
<th>School Name</th>
<th>Student Name</th>
<th>Student Number</th>
<th>Grade Level</th>
<th>Previous Course</th>
<th>Achievement Level</th>
<th>Current Course</th>
<th>Advanced Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>Math Grade 5</td>
<td>Level 5</td>
<td>Math Grade 6</td>
<td>N</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>Math Grade 5</td>
<td>Level 5</td>
<td>Math Grade 6</td>
<td>N</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>Math Grade 5</td>
<td>Level 5</td>
<td>Math Grade 6</td>
<td>N</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td>7</td>
<td>Math Grade 6</td>
<td>Level 5</td>
<td>Math Grade 7</td>
<td>N</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>Math Grade 5</td>
<td>Level 5</td>
<td>Math Grade 6</td>
<td>N</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>Math Grade 5</td>
<td>Level 5</td>
<td>Math Grade 6</td>
<td>N</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>Math Grade 5</td>
<td>Level 5</td>
<td>Math Grade 6</td>
<td>N</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>Math Grade 5</td>
<td>Level 5</td>
<td>Math Grade 6</td>
<td>N</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>Math Grade 5</td>
<td>Level 5</td>
<td>Math Grade 6</td>
<td>N</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>Math Grade 5</td>
<td>Level 5</td>
<td>Math Grade 6</td>
<td>N</td>
</tr>
<tr>
<td>11</td>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td>NC Math 1 NCVPS (HS Credit)</td>
<td>Level 5</td>
<td>Math Grade 8</td>
<td>N</td>
</tr>
<tr>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>Math Grade 6</td>
<td>Level 5</td>
<td>Math Grade 7</td>
<td>N</td>
</tr>
<tr>
<td>13</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
<td>Math Grade 5</td>
<td>Level 5</td>
<td>Math Grade 6</td>
<td>N</td>
</tr>
</tbody>
</table>
Data corrections and approving the report

Use of NEW Override feature in system
Collection of override usage data
Data Correction Process

Common reasons for data corrections:

• Use of Local course code
• Cross enrolled students

How will data be corrected in the report?

Override feature at the student level
Correcting student level data

Advanced Mathematics Course Enrollment (AMC)

Choose data view: AMC Detail By School

Description: This report shows all students within a school who were eligible for an advanced math course (based on previous year EOG or EOC scores). The report also shows the current course each eligible student is enrolled in (assigned to), and if the current course code matches one of the advanced course codes.

Results

AMC Detail By School (13 total records)

<table>
<thead>
<tr>
<th>Status</th>
<th>Migrant Status</th>
<th>AIG Status</th>
<th>EC Status</th>
<th>Previous Course</th>
<th>Previous Course Assessment</th>
<th>Previous Course Achievement Level</th>
<th>Current Course</th>
<th>Advanced Course</th>
<th>Override</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>23095X00</td>
<td>NC Math 3 End of Course</td>
<td>Level 5</td>
<td>24015X01</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>23095X00</td>
<td>NC Math 3 End of Course</td>
<td>Level 5</td>
<td>24035X01</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>N</td>
<td>23095X00</td>
<td>NC Math 3 End of Course</td>
<td>Level 5</td>
<td>2A007X01</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>N</td>
<td>23095X04</td>
<td>NC Math 3 End of Course</td>
<td>Level 5</td>
<td>24035X03</td>
<td>Y</td>
<td></td>
</tr>
</tbody>
</table>
Correcting student level data

1. At the student information page
2. Select Academics
3. Go to AMC Override
4. Select 'Yes' from dropdown
5. Enter Rationale in comment field
6. Submit
7. Re-run report to see corrected student information
Override feature

- Data correction at the student level
  - Requires ‘Y’ AND comment/rationale
- No longer a need for data correction forms to be submitted to NCDPI
- Use of override data will be shared in JLEOC report
- Re-run report after using override to capture corrected student data
Approval Process
Running the Report

LEA Level Reporting
Running the LEA Level Report
Running the LEA Level Report

Start Page > Reports > Reports (State Reports)

Reports

System | ReportWorks | State Reporting Dashboard | State Standalone Reports | Engine | Setup | Enterprise Reporting | sqlReports | Enrollment Reports | NCDPI Reports

Current LEA-Level Collections

Details | Report | Submission Starts | Submission Ends | Errors / Warnings | Workflow Options

Advanced Mathematics Course Enrollment (AMC)

Information
There are no reports currently running.

Approval Status:
Cannot approve at LEA level when not all schools have been approved.

Report Version: 1.0
Last Run: Fri Sep 24 2021 13:09:38
Last Run User: System

Show/Hide Collection From Schools

Run | Review | Approve
LEA Report Views
Common LEA View:
School approvals listing
AMC Submission Views: Summary by school (placed)
AMC Submission Views: Summary by school (not placed)
AMC Submission Views: Summary by district - placed

The image shows a screenshot of a webpage with an interface for reviewing Advanced Mathematics Course Enrollment (AMC). The interface includes menus for selecting various categories and data views, with options such as AMC Submission Views, Advanced Mathematics Course Enrollment (AMC), and Common LEA. The screenshot also displays a table titled "AMC Summary By District - Placed in Advanced Math" with data for eight total records, showing columns for Grade Level, Sex, Asian, Black, Hispanic, Native American, Multiracial, Pacific Islander, White, English Language Status, Homeless Status, Migrant Status, AIG Status, and EC Status.
AMC Submission Views: Summary by district - not placed
Approval Process at the LEA level:

![Image of LEA Office Dashboard]

- **State Reporting Dashboard**
- **Advanced Mathematics Course Enrollment (AMC)**
- **Report Version: 1.0**
- **Last Run: Fri Sep 24 2021 13:09:38**
- **Last Run User: System**

- Approval Status: Cannot approve at LEA level when not all schools have been approved.
Questions?

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