



November 9, 2017

Board Members:

**RE: CURRICULUM COMMITTEE REPORT**

The fall round of the 2017-2018 Curriculum Committee meetings has been completed with fourteen departmental meetings taking place. A summary of committee activity is provided below. The committees welcomed new department chairs to these leadership positions. **Recommendations requiring Board of Education action are summarized at the conclusion of the report.**

New department chairs:

- Derek Fivelson, Mathematics, James B. Conant High School
- Erin Garrity-Duffey, Art, James B. Conant High School
- Scott Hoeft, Guidance, Hoffman Estates High School
- Eric Melton, Guidance, Schaumburg High School
- Jerry Lowrey, Music, Hoffman Estates High School
- Scott Weidig, Media and Technology, Schaumburg High School
- Paul Kim, Media and Technology, James B. Conant High School
- Bob Schuetz, Technology, Palatine High School
- Keith Sorensen, Technology, William Fremd High School
- Christina Ordonez, Technology Hoffman Estates High School

**Curriculum Committee Background**

Three times a year, the curriculum committee for each department meets to review and discuss curriculum updates and changes. Each department's curriculum committee consists of 11 members including the five school department chairs, five principals and the associate superintendent for instruction. New course proposals, as well as any modifications in particular courses' Critical Learning Standards (CLS), District-wide assessments or textbooks/software are reviewed by the Curriculum Committee and superintendent prior to recommendation to the Board of Education for approval.

**Fall Curriculum Committee Meeting Discussions**

Though each committee meeting is centered on the specific needs of each department, there were a few common agenda items across departments:

- Global Competitive Skill – Speaking and Presentation

During the 2016-2017 industry meetings that occurred surrounding the first eight college major and career clusters, the local business invitees were asked to give their perspective on the course suggestions the District was making for students interested in exploring the pathways. Along with this feedback specific to these college majors and careers, industry representatives were asked which global competitive skills were significant to them when hiring and advancing employees. The ability for employees to communicate and present ideas was a significant skill ranked high across all clusters. This past summer, a group of teachers representing each department, gathered to create a common District 211 Presentation and Speaking rubric. This rubric represents the common language and expectations that students will hear across all departments when presenting information. This consistency across departments is intended to assist students in seeing patterns of strength and areas of focus within this global competitive skill. During the curriculum meetings, departments discussed how, within their discipline, they would incorporate the rubric.

- **District Benchmark Assessment Analysis**  
Each course has a common assessment given to students across all schools. This assessment assesses the level of a student on each critical learning standard in the course. Prior to the department meeting, the department chairs from all schools reviewed the data as a group and shared with the principals their areas of strength and areas for growth at the District level. The areas for growth will be a focus of the departments throughout the year and reviewed again in the spring round of the curriculum meetings.
- **District Institute Day**  
On October 10, the departments gathered by district department to discuss curriculum initiatives. This gathering across all schools by department only occurs once a year and is a valuable time for teachers to discuss District critical learning standards, review instructional best practices and patterns in assessment data. Many initiatives for curriculum committee review and recommendation are solidified during this day when faculty members from every school can be present for conversation.

## **Recap of Fall Curriculum Committee Meetings**

### **Applied Technology**

#### **Update: Geometry in Construction**

- Students and teachers are excited about building projects such as doghouses and sheds while applying the math skills.
- Teacher teams are working through logistics of creating larger products in the space available.

#### **Update: Building Construction**

- The Hoffman Estates, Conant, and Schaumburg house is laying the foundation; decking will start shortly.
- The Palatine and Fremd house has the sub floor and the walls will go up within the next week.

#### **Update: Production Technology**

- A team of teachers is working on a four-year pathway. The foundation course would lead to multiple pathways. In addition, teachers are working on a set of core projects that connects to the various career pathways.

**Discussion: Professional Development**

- As part of the Perkins grant, professional learning opportunities are explored to enhance classroom experiences. Applied technology teachers recommended workshops on welding, networking and electronics.

**Discussion: Mathematics in Manufacturing/Other Courses**

- To support students in mathematics skills in manufacturing courses. Schaumburg and Palatine High Schools have a math teacher in a manufacturing class as their supervision duty.

**Update: Summer School Workshop – Field Trip**

- The 8<sup>th</sup> grade manufacturing field trip was successful; Mr. Hibner hopes to run another section this summer.

**Update: Dual Credit**

- Students will be able to earn a computer technician certificate by completing three dual credit networking courses. This is the first year all three courses will be offered at District 211 schools.

**Art****Update: Dual Credit**

- Harper Community College representatives released a letter explaining the process for students to earn early college credit through AP exam results. District 211 graduates denied art credit were given general education credit at Harper Community College. Some District 211 graduates were awarded Art college credit. The department chairs will follow up with these students.

**Discussion: Speaking/Presentation Rubric Use**

- The speaking/presentation rubric will help and hone in on students developing their presenting skills specifically making eye contact and projecting.

**Update: Institute Day Plans**

- Department members focused on ensuring course alignment to the new national standards. At the same time, members reviewed District benchmark assessments and type 2 assessments. Any changes will be brought forward at the spring curriculum meeting.

**Business Education****Update: Dual Credit**

- District 211 representatives and Northern Illinois University representatives have met a few times regarding dual credit for the Business Incubator course. In addition, District 211 is interested in a business management dual credit course. Northern Illinois University would create a cohort for teachers to complete courses to meet the credentialing statement. The department is still interested in a finance dual credit course. Northern Illinois University's finance course is a 300 level course.

**Item for Approval: Finance Preliminary Proposal**

- The Finance course proposal is the outcome of the development of the finance career cluster. Department members reviewed several university finance course syllabi to determine appropriate topics at the high school level.

**G. Steiger moved to approve Finance Preliminary Proposal. T. Little seconded. The motion passed unanimously.**

**Item for Approval: Critical Learning Standards**

- Critical learning standard updates are based on responses from the pathway meetings as well as to streamline the sequence and verbiage of the CLS for B101 Computer Literacy, B164 Technology Application, and B223 Topics in Marketing.

**T. Little moved to approve B101 Computer Literacy, B164 Technology Application, and B223 Topics in Marketing critical learning standards. G. Steiger seconded. The motion passed unanimously.**

**Discussion: B184 Introduction to Business Curriculum Review**

- Department members reviewed whether Introduction to Business was truly an introductory course. After review, finance, banking and marketing questions were added to the District Benchmark assessment.

**Discussion: Summer School Course Offerings**

- District 211 will be able to offer the dual credit course QuickBooks online during summer school pending Administrative Council approval. One teacher in the District meets the credentialing statement; this opportunity will allow more students to participate in the course.
- Department members would also like to offer a resume and interview workshop to students during summer school. The workshop would also focus on internships and career explorations.

**English**

**Item for Approval: Supplemental Novel**

- *Just Mercy* by Bryan Stevenson for E319 AP Language and Composition.

**G. Steiger moved to approve the supplemental novel, *Just Mercy* by Bryan Stevenson. T. Little seconded. The motion passed unanimously.**

**Discussion: E202 and E208 English 2 Sectioning at Hoffman Estates**

- Hoffman Estates High School English teachers Kirk Macnider and Mark Mantasoot shared how they are teaching the same critical learning standards (CLS) by selecting content related to an applied technology field. Kirk is in his third year running an English course using autos materials for content. Students' reading and writing are based on their passions. On the district benchmark assessment, students enrolled in the autos-focused English course have performed higher than students enrolled in the traditional English 2 course. Parents have been positive about their child's experience as well as excitement for the course. The goal is to investigate this model for an English course using engineering concepts and literature.

**Update: NCAA Appeals**

- District 211 completed their final appeals to the NCAA for E401 Modern World Literature, E303 The Rhetoric of Cinema, and E212 Dramatics. Modern World Literature and The Rhetoric of Cinema were approved; E212 Dramatics was not. NCAA does not approve courses that are career performance; the focus is only on college preparatory courses.

### **Discussion: Professional Communications Course**

- B. Coakley met with Dr. Berne September 22 to share ideas about professional communications courses. Across all eight-industry meetings, professional communication was a consistent skill that was needed.

### **Update: Dual Credit**

- The English department is in their second year of implementing Speech as a dual credit course and in their first year of implementing ENG101 as a dual credit courses. Both courses are transferrable to all public colleges and universities in Illinois. Harper and District 211 representatives will meet for ENG101 throughout the year on course implementation. A cohort was started with Northeastern University for teachers to earn a Master's degree in English.

### **English as a Second Language**

#### **Update: ACCESS Review**

- During a summer curriculum project, ESL members reviewed and analyzed the impact of the ACCESS scores on the new I.S.B.E. proficiency scores. Department members will focus on speaking and writing with students. In addition, the department chairs will host professional learning opportunities this fall for special education and ESL sheltered teachers on how to use the ACCESS results to determine instructional strategies and academic supports.

#### **Update: Professional Development for 2017-18**

- ESL department chairs will facilitate professional development for sheltered teachers, department members and special education teachers on the updated ACCESS assessment; specifically on how to use assessment results and develop a common vocabulary.

#### **Item for Approval: Post-Test Dates**

- E105 Reading, E112 Reading, E122 Reading, E132 Reading, and E151 Reading

**T. Little moved to approve post-test dates for E105 Reading, E112 Reading, E122 Reading, E132 Reading, and E151 Reading. L. Fanelli seconded. The motion passed unanimously.**

### **Family and Consumer Sciences**

#### **Update: Future Indoor Food Gardens**

- Palatine and Schaumburg High Schools will have a self-contained herb garden. Food services will use the herbs grown. The herb garden has both an educational component as well as an additional use within our food services.

#### **Items for Approval: Critical Learning Standards**

- Additional critical learning standards (CLS) were added to the H257 Early Childhood Education course to reflect its transition from a semester course to a year-long course.

**G. Steiger moved to approve H257 Early Childhood Education critical learning standards. T. Little seconded. The motion passed unanimously.**

### **Update: Dual Credit**

- District 211 is working with Northern Illinois University (NIU) on Educational Internship being offered as a dual credit course through NIU.

### **Guidance**

#### **Student Readiness/Group Guidance Plan**

- Activities and topics are aligned to the readiness plan. The new Career Cruising product will enhance the activities guidance members facilitate with students. Department members will participate in professional development on the new Career Cruising product.

#### **Career Cruising Full Solution**

- The committee viewed the following video to learn about the new features offered by the Career Cruising Full Solution product:

<https://www.youtube.com/watch?v=auvQwbu57Pg&feature=youtu.be>.

Students and counselors will be able to have more comprehensive searches and action planning for post-secondary plans.

#### **Transferology**

- Students and parents use Transferology to determine which colleges and universities will accept dual credit courses.

### **Mathematics**

#### **Discussion: Summer School Algebra 1**

- Department members are exploring teaching Algebra 1 during summer school to allow students to start high school in geometry increasing the likelihood the student will meet the college readiness benchmark scores and place into college credit bearing math courses.

### **Update: Dual Credit**

- District 211 has submitted a request for M417 Pre-Calculus to be dual credit aligned to MTH140 Pre-Calculus at Harper Community College.

#### **Update: Math in Manufacturing**

- The purpose of the math teacher in the manufacturing course is to identify math concepts used in the manufacturing curriculum in order to determine possible student supports. The team recommended math teachers meet with the manufacturing teachers and specifically learn how to use the equipment to develop an understanding of the math concepts needed to operate the equipment.

#### **Discussion: Geometry in Construction**

- Students and teachers are excited about building projects such as doghouses and sheds while applying the math skills.
- Teacher teams are working through logistics of creating larger products in the space available.

## Music

### **Update: AP Music Theory**

- Conant and Schaumburg High Schools offer one section of AP Music Theory. All schools plan to offer the course next year.

### **Discussion: Summer School Course – Basic Piano Skills**

- Approximately 100 students responded that they were interested in a basic piano skills camp rather than a course. Students also indicated a preference for one session not both sessions of summer school.

### **Update: Music Performance Groups**

- Hoffman Estates High School is interested in offering a guitar class next year.

## Physical Education

### **Discussion: Course Modification – Name**

- The department is moving to a fitness-based curriculum integrating social and emotional components. Members will continue to discuss a potential name change that would match the new core curriculum components.

## Science

### **Items for Approval: Course Modifications**

- S457 Advanced Topics in Science: Level and Prerequisite Change to increase the number of students who can enroll in the course.
- S443 Social Implications of Biology is currently not running and was not approved by NCAA. Therefore, the department has decided to inactivate the course.
- The name change from S432 Physics 1 to S432 Physics is to reduce student confusion.

**C. Garrison moved to approve Level and Prerequisite Change of S457 Advanced Topics in Science, inactivation of S443 Social Implications of Biology, and Infinite Campus name update of S432 Physics. K. Tenopir seconded. The motion passed unanimously.**

### **Discussion: Indoor Food Garden**

- Food services offered to buy two indoor food gardens for Family and Consumer Sciences at Schaumburg and Palatine High Schools. Hoffman Estates, Fremd and Conant High Schools purchased a hydroponics to grow plants. This provides an opportunity to work with the Family and Consumer Sciences Department or food services.

### **Discussion: Organic Chemistry**

- The pathway industry meetings indicated a potential need for more students to learn about organic chemistry. Currently, organic chemistry is taught in AP Chemistry. Teachers are going to contact students who have or will be taking organic chemistry to determine if previous high school exposure is a potential indicator of college course success.

**Update: Dual Credit**

- Department chairs will review pre-requisites and teacher credentials for a physics or chemistry dual credit course.

**Update: Summer Hospital Career Exploration**

- District 211 is working with Harper College to offer a Hospital Dual Credit course. The course would allow students to experience different professions within a hospital over a six-week period.

**Discussion: Stem Cell Usage**

- Department members are discussing the value of stem cell research in education. An alternative option to stem cell is Chinese hamster ovary (CHO) cells, most commonly used at the university level. CHO cells are an epithelial cell line derived from the ovary of the Chinese hamster, used in biological and medical research and commercially in the production of therapeutic proteins. This field has a positive career outlook and community college certificates are emerging.

**Social Studies****Update: Civics Legislation Implementation**

- Department members will make critical learning standards and District Benchmark revisions based on the legislation. Next year 2018-19, the department will pilot changes for full implementation in 2019-20.

**Discussion: Civic Engagement Opportunities**

- Palatine High School students are participating in the MIKVA Challenge Practice democracy. They are reaching out to legislatures, civic processes and election judges. Hoffman Estates High School is applying to become a Democracy School. Conant High School is a Democracy School; representatives across curricular areas are participating in Veterans' Day. Students are working with legislatures and voter drives.

**Discussion: Illinois Global Scholar Certificate**

- On October 17, a district-wide meeting was held with interested department members. Social studies chairs recommend one representative per building. The new AP Research course might align with this certificate.

**Update: Dual Credit (Geography)**

- Pursuing dual credit opportunities with Northern Illinois University for Geography and GEG150 GIS and Mapping Principles with Harper Community College.

**Discussion: Service Learning in Summer School**

- A service learning coordinator is being explored for summer school. Currently, students are completing a paper; the department would like to move towards community service hours to meet the civics legislation requirements.

**Items for Approval: Course Modification**

- Inactivate G466 Introduction to Government/Economics beginning 2018-2019 as a course number. The individual course numbers for Government and Economics will be used instead of a combined code.

**T. Little moved to approve the inactivation of course G466 Introduction to Government/Economics. G. Steiger seconded. The motion passed unanimously.**

### **Special Education**

#### **Discussion: The Student Voice in IEP Meetings**

- Starting in November student facilitated IEP meetings will start. Throughout a student's high school experience, their involvement in their IEP meeting will increase from year to year. The self-advocacy and rehearsing expressing themselves will be key skills students will demonstrate.

#### **Update: EL and SPED Professional Development**

- ESL and Special Education Department members will meet three times this year focusing on the updated ACCESS criteria, preparation for junior staffings, and course placement.

#### **Update: ACCESS Scores**

- It is difficult to draw conclusions for the 2017 ACCESS administration with the I.S.B.E. proficiency score changes to the ACCESS scores. The connection between the departments has strengthened the learning experience for students. Teachers will continue to focus on speaking, writing and oral literacy.

### **World Language**

#### **Update: Biliteracy Seal**

- The Seal of Biliteracy has been adopted by 28 states. Ti, Greek, Polish, Hindi and Japanese have been added to the American Council on the Teaching of Foreign Languages Assessment of Performance Toward Proficiency in Languages (AAPPL) test. Students need to demonstrate proficiency in both English and a target language. The Biliteracy Seal committee will meet to review any potential changes.

#### **Item for Approval: Course Modifications**

- L579 AP Spanish Name Change to AP Spanish Language and Culture
- L569 AP German Name Change to AP German Language and Culture
- L559 AP French Name Change to AP French Language and Culture
- L549 AP Chinese Name Change to AP Chinese Language and Culture

**G.Steiger moved to approve the course name changes on L579 AP Spanish, L569 AP German, L559 AP French, and L549 AP Chinese. T. Little seconded. The motion passed unanimously.**

#### **Discussion: Conversational Spanish**

- Conversational Spanish is a possible extra cultural experience. The course would focus on verbal only not a full language course. Department members will research schools who offer a similar course successfully. The course would be for students who have not taken 4-year formal sequence. A possible advanced conversation class for students who are already taking a language course.

#### **Update: Japanese**

- District 211 offers an on-line Japanese workshop to prepare for AAPPL test. District 211 and Harper are working together to offer an on-line dual credit Japanese course. A meeting was held in October to work through the logistics.

**Item for Approval: Type 2 Assessment**

- L276 Spanish for Native Speakers/Dual Language Students
- L276 on rubric with L266

**G. Steiger moved to approve the L276 Spanish for Native Speakers/Dual Language Students and L276 on rubric with L266 Type 2 Assessment. T. Little seconded. The motion passed unanimously.**

**Non-Departmental**

**Item for Approval: Advanced Placement (AP) Research Formal Proposal**

- AP Research is the second course from the College Board and follows AP Seminar. The research component is based on the individual interests of the student.

**This non-departmental course was discussed at the fall all department meeting and is recommended by Administrative Council for Board of Education approval.**

## **Summary of Motions for Action**

### **Business Education**

#### **Item for Approval: Finance Preliminary Proposal**

- The Finance course proposal is the outcome of the development of the finance career cluster. Department members reviewed several university finance course syllabi to determine appropriate topics at the high school level.

#### **Item for Approval: Critical Learning Standards**

- Critical learning standard updates are based on responses from the pathway meetings as well as to streamline the sequence and verbiage of the CLS for B101 Computer Literacy, B164 Technology Application, and B223 Topics in Marketing.

### **English**

#### **Item for Approval: Supplemental Novel**

- *Just Mercy* by Bryan Stevenson for E319 AP Language and Composition.

### **ESL**

#### **Item for Approval: Post-Test Dates**

- E105 Reading, E112 Reading, E122 Reading, E132 Reading, and E151 Reading

### **Family and Consumer Science**

#### **Items for Approval: Critical Learning Standards**

- Additional critical learning standards (CLS) were added to the H257 Early Childhood Education course to reflect its transition from a semester course to a year-long course.

### **Science**

#### **Items for Approval: Course Modifications**

- S457 Advanced Topics in Science: Level and Prerequisite Change to increase the number of students who can enroll in the course.
- S443 Social Implications of Biology is currently not running and was not approved by NCAA. Therefore, the department has decided to inactivate the course.
- The name change from S432 Physics 1 to S432 Physics is to reduce student confusion.

### **Social Studies**

#### **Items for Approval: Course Modification**

- Inactivate G466 Introduction to Government/Economics beginning 2018-2019 as a course number. The individual course numbers for Government and Economics will be used instead of a combined code.

### **World Language**

#### **Item for Approval: Course Modifications**

- L579 AP Spanish Name Change to AP Spanish Language and Culture
- L569 AP German Name Change to AP German Language and Culture
- L559 AP French Name Change to AP French Language and Culture
- L549 AP Chinese Name Change to AP Chinese Language and Culture

#### **Item for Approval: Type 2 Assessment**

- L276 Spanish for Native Speakers/Dual Language Students
- L276 on rubric with L266

### **Non-Departmental**

#### **Item for Approval: Advanced Placement (AP) Research Formal Proposal**

- AP Research is the second course from the College Board and follows AP Seminar. The research component is based on the individual interests of the student.

### **SUGGESTED MOTION**

That the curriculum committee report and recommendations be approved as presented.

Daniel E. Cates  
Superintendent