Below are recommended changes to the Policy Document regarding the

Computer Science program. Changes submitted by David Herring on December 5, 2017.

**Change One:**

Rationale: The AP Computer Science Principles class was introduced by the College Board in 2016-2017 and first piloted at UHS in 2017-2018. This class fulfills all of the requirements of an introductory course in software development and will serve as a stronger year one class for the computer science sequence than the existing Fundamentals of Information Technology class.

**Section VI.Q. - Computer Science Courses.**

The University High School Computer Science sequence of courses shall be as follows: ~~Fundamentals of Information Technology, then AP Computer Science A, then AP Computer Science Principles. Juniors and Seniors may enroll in AP Computer Science A even if they have not taken Fundamentals of Information Technology.~~ AP COMPUTER SCIENCE PRINCIPLES, THEN AP COMPUTER SCIENCE A. STUDENTS WHO COMPLETE FUNDAMENTALS OF INFORMATION OF TECHNOLOGY IN 2017-18 SHOULD ENROLL IN AP COMPUTER SCIENCE A. SENIORS GRADUATING IN 2019 MAY ENROLL IN AP COMPUTER SCIENCE A EVEN IF THEY HAVE NOT TAKEN FUNDAMENTALS OF INFORMATION TECHNOLOGY.

**Change Two:**

Is it ok to remove this to keep the policy document uncluttered?

Rationale: The AP Computer Science Principles class has been implemented as a course offering, so this is no longer necessary and should be removed to keep the policy document clean.

**~~Section VI.W. – Advanced Placement Computer Science Principles.~~**

~~The School Council directs the UHS administration and Instructional Council to complete the necessary documentation to include AP Computer Science Principles in the UHS curricular offerings. AP Computer Science Principles would join AP Computer Science A as UHS courses that would fulfill the state Technology/Fine Arts requirement.~~ **~~(Res 28-7; 8-11-15)~~**

**Change Three:**

Rationale: Only three of 36 computer science students graduating in 2017 would qualify for the honors endorsement in CTE based on the 3 credit requirement. This has proven to be an unreasonably high bar for students to achieve.

**Section II.B. - Honors Diploma: Graduation with Honors Endorsement.**

**II.B.1. Requirements for the Classes of 2017 and 2018.** Students can graduate with honors if they receive 24 credits; a 3.85 weighted cumulative GPA, calculated by the 7th semester, in 3 of the 7 disciplines: Math; Science; English; Career and Technical Education (CTE); Social Studies; Fine Arts, and Modern Languages. If a student receives an “F” at the 3rd quarter of the 8th semester in a subject to which he / she is applying for Honors, the student is no longer eligible in that area. Additionally, other criteria must be met in the three chosen areas. That criteria is in: 1) Career and Technical Education (CTE) - ~~3 credits~~ 2 CREDITS; 2) English - 4 English credits. 3) Modern Languages - 3 Modern Language credits in no more than two languages with at least 1 Advanced Placement course; 4) Mathematics - 4 Mathematics credits and completed AP Calculus AB, AP Calculus BC, or AP Statistics; 5) Science - 4 Science credits, with at least 2 Advanced Placement courses; 6) Social Studies - 5 Social Studies credits, with AP Art History, AP Economics, and AP Psychology counting as Social Studies classes; and 7) Fine Arts – 4 credits in any finearts area and ascension to the premier fine artscourse in that area: the premier course in each fine arts area are Primaveras (Dance); Advanced Drama (Drama); Chamber Strings (Orchestra);

Choraliers (Chorus); Jazz Band 1, Wind Ensemble (Band), Winter Guard Purple (Band); AP Studio Art (Art). AP Art History shall count as an art class for credit for the Honors Diploma. Students in the classes of 2017 and 2018 may choose to have AP Art History count in either the social studies or fine arts. Beginning with the class of 2019, AP Art History will no longer count as a social studies credit for the Honors Diploma. **(Res 9-49, 4/14/98; Res 12-23, 3/20/01; Res 21-17, 12/8/09; Res 29-1, 5-10-2016; Res 29-18, 10-18-2016)**

**Change Four:**

Rationale: In 2018-2019 there will only be two CTE course offerings, both in computer science, so it is unreasonable to expect students to earn three credits in this discipline to earn honors. Both classes will be AP courses, so there is no need to state that an AP course is required.

**II.B.2. Requirements beginning with the class of 2019.** Students may graduate with honors if they complete the following requirements:

1) Earn at least 24 credits;

2) Have a cumulative weighted grade point average of 3.85 or better at UHS through the 7th semester;

3) Complete all of the UHS graduation requirements including:

a) Taking at least 6 classes each year;

b) Having no more than one credit as a Student Instructor or

Teacher Aide; and

c) Having taken all high school courses from UHS with the

exception of Health and P.E.;

4) Have a 3.85 weighted cumulative grade point average, calculated by the 7th semester, in 3 of the 7 disciplines: Math; Science; English; Career and Technical Education (CTE); Social Studies; Fine Arts, and Modern Languages. To qualify for the honors diploma in a specific academic area, in addition to the 3.85 minimum weighted GPA in that area, students must also meet or exceed the honors requirements in that area as listed below:

a) Career and Technical Education (CTE) – ~~3 credits including at least one AP course~~ 2 CREDITS;

b) English – 4 credits including the passing of the Advanced Placement exam with the score of 3 or better in at least one AP course;

c) Modern languages – 3 credits in one language including at least one AP course;

d) Mathematics - 4 Mathematics credits and completed AP Calculus AB, AP Calculus BC, or AP Statistics;

e) Science - 4 Science credits, with at least 2 Advanced Placement science courses and the passing of the Advanced Placement exam with the score of 3 or better in at least one AP course;

f) Social studies - 5 Social Studies credits and the passing of at least two Advanced Placement exams with the score of 3 or better; with AP Microeconomics, AP Macroeconomics, and AP Psychology counting as social studies classes;

g) Fine arts – 4 credits in any fine arts area and ascension to the premier fine arts course in that area: the premier course in each fine arts area are Primaveras (dance); Advanced Drama (drama); Chamber Strings (orchestra ); Choraliers (chorus); Jazz Band 1, Wind Ensemble (band), Winter Guard Purple (band); AP Studio Art (art). AP Art History shall count as an art class for credit for the honors diploma.

5) If a student receives an “F” at the 3rd quarter of the 8th semester in a subject in which he / she is applying for honors, the student is no longer eligible in that area.

6) For any exceptions to the honors diploma policy, students must file a written appeal to the Instructional Council. The instructional council shall determine whether or not to accept the appeal for exception to this policy.

**II.B.3. Application process**. UHS counselors will distribute the application for the UHS Honors Diploma after the 7th semester to all seniors who have a cumulative 3.85 weighted GPA. Students who wish to be recognized with the Honors Diploma shall complete the application form. The UHS counselors shall review the application form to determine if the student did indeed meet all of the requirements for the honors diploma. **(Res 29-18, 10-18-2016)**

**II.B.4. Honors Diploma.** A certificate indicating the areas in which a student has earned honors will be included with the diploma and presented at the graduation ceremony. The Chair of the School Council and the Principal shall sign the honors certificates. **(Res 3-44, 4/7/92)**