

**CORRELATION OF COURSE CODES
AND
ENDORSEMENT CODES**

2013-14 SCHOOL YEAR

Table of Contents

General Instructions	4
Elementary Grade PK-8	
Administration	8
Specialized Assignments	9
Title I Classes	10
Self-Contained Multi-age Classes.....	11
Multiage Alternative School/Program	16
Pre-Kindergarten	17
Kindergarten	17
First Grade	19
Second Grade	21
Third Grade	23
Fourth Grade	25
Fifth Grade	27
Sixth Grade	31
Seventh Grade	35
Eighth Grade	39
Special Education	43
Secondary Grades 9-12	
Administration	49
Specialized Assignments	50
Language Arts	52
World Language	54
Fine Arts	57
Mathematics	60
Computer Technology	65
Science	68
Social Studies.....	73
Health and Physical Education	75
Business Technology Education	76

Career and Technical Education Grades 9-12

Agriculture, Food, & Natural Resources.....	78
Architecture & Construction.....	81
Arts, Audio/Visual Technology, & Communications.....	84
Business Management & Administration.....	86
Education & Training.....	88
Finance.....	89
Government & Public Administration.....	90
Health Science.....	91
Hospitality & Tourism.....	92
Human Services.....	93
Information Technology.....	95
Law, Public Safety, Corrections & Security.....	99
Manufacturing.....	100
Marketing.....	103
Transportation, Distribution & Logistics.....	104
Science, Technology, Engineering, & Mathematics.....	106
Work-Based Learning.....	119
Contextual Academics.....	120
General CTE.....	121

International Baccalaureate (I.B.) Courses 9-12

<i>Only schools that are recognized International Baccalaureate (I.B.) schools may use the I.B. course codes.....</i>	122
---	-----

Transfer Credit Courses 9-12

<i>Only credit to students transferring in from out of state with credits that have no Tennessee course codes.....</i>	126
--	-----

**Correlation of Course Codes and Endorsement Codes/Employment Standards
School Year 2013-2014**

GENERAL INSTRUCTIONS

1. These correlations of course codes and endorsement codes/employment standards are used in the reporting of teacher, student and class information.

PLEASE USE THIS GUIDE TO COMPLETE THE 2013-2014 TEACHER, STUDENT AND CLASS INFORMATION AND DESTROY ANY OLD CORRELATIONS. PLEASE CHECK COMPUTER SOFTWARE TO ENSURE YOU HAVE REMOVED OR CHANGED COURSE CODES TO REFLECT ONLY CURRENT CODES. PLEASE REFER TO YOUR SPECIFIC SOFTWARE INSTRUCTIONS WHEN ELECTRONICALLY SCHEDULING STUDENTS.

2. Any endorsements listed in a series with only a comma between the numbers will be interpreted that any of the endorsements may be used to teach that course [i.e. Seventh Grade Language Arts 001, 101, 400, 401, 402, 007, 407 would mean elementary grades 1-9 (001) or elementary grades 1-8 (101) or middle grades 5-8 (400) or middle grades specialist 1-8 (401) or early grades specialist K-8 (402) or English (007, 407) could be used.]
3. Any endorsements listed in parentheses with and between the two endorsement codes will be interpreted that the teacher must be endorsed in both areas to teach the course.

4. **Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.**

- | |
|--|
| <ol style="list-style-type: none">5. Courses <i>within a double lined box</i> are Career and Technical funded courses and identified by the Career and Technical Education Program Classification, i.e., Agriculture, Food, & Natural Resources AG and Health Science HS. |
|--|
6. The “self-contained” codes included under each grade level are to be used by systems which do not schedule individual subjects at the specific grade level.
 8. The “subject” codes included under each grade level is to be used by systems which schedule individual subjects for a self-contained teacher at the specific grade level or for departmentalized schedules.
 9. The art, music and physical education codes are for self-contained schedules, major portion of the day schedules or minor portion of the day schedules.

10. Teachers in grades K through 6 who teach art, music, physical education or computer technology to only the students in their self-contained class should be scheduled using the art, music, physical education or computer technology self-contained codes for the respective grade levels taught.
11. Teachers in grades K through 8 who teach art, music or physical education the major portion of the day should be scheduled using the art (major portion), music (major portion), or physical education (major portion) codes for the respective grade levels taught. The major portion of the day is defined as more than three hours of instruction in the specific instructional area. More than six 30 minute classes or more than four 45 minute classes would be considered the major portion of the day.
12. Teachers in grades K through 8 who teach art, music or physical education less than the major portion of the day should be scheduled using the art (minor portion), music (minor portion) or physical education (minor portion) codes for the respective grade levels taught. The minor portion of the day is defined as three or less hours of instruction in the specific instructional area. Six or less 30 minute classes or four or less 45 minute classes would be considered the minor portion of the day.
13. Teachers in grades K through 8 who teach computer skills in a computer lab or in multiple class periods should be scheduled using the computer technology (instructor) code for the respective grade levels taught.
14. A person holding an Apprentice or Professional License may not cross over and teach any sections of a course requiring an endorsement included on an Apprentice Occupational or Professional Occupational License except where noted with regard to selected courses.
15. A person holding an Apprentice Occupational or Professional Occupational License may not cross over and teach any sections of a course requiring an endorsement included on an Apprentice or Professional License.
16. Career and Technical Education courses requiring industry certification may not be taught as one outside the teacher's area of endorsement unless they hold the appropriate industry certification.
17. A person holding a permit may teach only subjects for which an appropriate endorsement(s) is listed on the permit. One cannot have a waiver issued on a permit nor teach one or two sections of the same course outside the area(s) of endorsement on a permit.
18. A person may not teach any of the Technology Preparation courses on a waiver, on a permit or as one or two sections outside the area of endorsement.
19. Secondary endorsements are the Grades 7-12 secondary endorsement codes listed on the Apprentice and Professional Licenses.
20. A teacher with a license endorsed in a subject for Grades 7-12 may teach any subject in Grade 6 covered by the endorsement(s).

21. Career and Technical endorsements are the Career and Technical endorsement codes listed on the Apprentice, Professional, Apprentice Occupational and Professional Occupational Licenses.
22. Elementary pull-out classes, i.e. Art (major or minor portion), Music (major or minor portion), Physical Education (major or minor portion) and Computer Technology (Instructor), where the class moves as one unit, must be scheduled.
23. Multi-age Middle Grades Exploratory codes are to be used only for exploratory areas for which a course code is not listed in the Correlation of Course Codes and Endorsements Codes. Multi-age Middle Grades Exploratory codes would not be used to schedule art, music, P.E., computer, creative dramatics, foreign language, etc.
24. I.B. Diploma Program - The International Baccalaureate (I.B.) Diploma Program prepares students for university work and for world citizenship. It is designed for pre-university students in their last two years of high school. Students study courses in six subject areas: their native language, an additional language, history, science, mathematics, and arts/electives. Approval to offer an International Baccalaureate Diploma Program is determined through an application process and on site review. The I.B. course codes are to be used by those approved schools. Please contact the Division of Teaching and Learning regarding the I.B. course codes.
25. Tennessee Code Annotated, section 49-6-3401 (b) (1). Suspension of students-expulsion of students.

This section of the law states any principal, principal-teacher or assistant principal may suspend any pupil from attendance at a specific class, classes or school-sponsored activity without suspending such pupil from attendance at school pursuant to an in-school suspension policy adopted by the local board of education. This section also states in-school suspension policies shall provide that pupils given an in-school suspension in excess of one day from classes shall attend either special classes attended only by students guilty of misconduct or be placed in an isolated area appropriate for study.

In accordance with this section, it shall be the policy of the department of education that local school systems may place students in in-school suspension with a licensed teacher or with a non-licensed person (i.e. educational assistant) who is in close proximity to a licensed teacher.

This policy applies to the short-term in-school suspension program that is separate from the alternative school/program in school systems. It does not apply to in-school suspension programs combined with the alternative school/program.

If a student is receiving special education services, the system must ensure that the IEP is being implemented in the ISS setting.

26. No Pre-K student can be permanently dismissed without first contacting the Office of Early Learning.
27. A list of endorsement codes and titles is included in the document.
28. H.Q. identifies the courses where a teacher is required to be highly qualified in order to teach course.

29. Please note change in identifying footnotes and the course codes to which they apply. They will be identified by a number instead of an asterisk and will be found directly beneath the course code(s) to which footnote applies.
30. Pre-kindergarten course codes are to be used as follows: If more than 50% of students are special education students, use the special education pre-kindergarten course code. If less than 50% of students are special education students, use regular pre-kindergarten course code.
31. All Cooperative Methodology courses are now referred to as work based learning.
32. Specialty groups (guidance counselors, social workers, librarians, etc.) may work with the pre-kindergarten classrooms even though the endorsement area does not cover grade Pre-K. The Pre-K students will not be counted in the ADM number for student capacity since Pre-K students are not counted for ADA/ADM.
33. No permit or waiver will be issued for Gateway courses.
34. No permit will be issued for Pre-K courses.
35. Only schools that are recognized International Baccalaureate (I.B.) schools may use the I.B. course codes.
36. All e-learning (on-line) courses are assigned to the subject category course code number.
37. Assistant principals, teaching principals, or dual assignment personnel with more than fifty percent (50%) of their responsibilities involved in instructional leadership must hold an administrator license/endorsement.
38. Teachers currently endorsed in early childhood education PreK-4 will continue to be licensed to teach the grade levels covered by their endorsements. Teachers endorsed in early childhood education PreK-3 may teach grade 4 in schools having grade 3 if there are no other appropriately endorsed teachers available.
39. Transfer course elective credit will be offered to the following subject categories: Language Arts/English, Science, Fine Arts, World Language, Social Studies, and Math.

ELEMENTARY GRADES PK-8

<u>ADMINISTRATION</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
PRINCIPAL (1)			
Office & Administration (School with Grades PRE-K-3 and 225 or more students)	Adm	9503	442, 443, 444, 480, 481, 482, 483
Office & Administration (School with Grades K-8 and 225 or more students)	Adm	9501	442, 443, 444, 480, 481, 482, 483
Office & Administration (School with PRE-K Program with Grades K-8 and 225 or more students)	Adm	9502	442, 443, 444, 480, 481, 482, 483
Office and Administration (School with Grades 6, 7 & 8 and 225 or more students)	Adm	9508	442, 443, 444, 480, 481, 482, 483
Office and Administration (School with PRE-K Program with Grades 6, 7, & 8 and 225 or more students)	Adm	9509	442, 443, 444, 480, 481, 482, 483
Office & Administration (School with Grades K-8 and 224 or less students)	Adm	9521	442, 443, 444, 480, 481, 482, 483 or any elementary endorsement
Office & Administration (School with Grades PRE-K-3 and 224 or less students)	Adm	9504	442, 443, 444, 480, 481, 482, 483 or any early childhood or endorsement
Office & Administration (School with PRE-K Program with Grades K-8 and 224 or less students)	Adm	9522	442, 443, 444, 480, 481, 482, 483 or any elementary endorsement
Office & Administration (School with Grades 6, 7 & 8 and 224 or less students)	Adm	9528	442, 443, 444, 480, 481, 482, 483 or any elementary or secondary endorsement
Office & Administration (School with PRE-K Program with Grades 6, 7, & 8 and 224 or less students)	Adm	9529	442, 443, 444, 480, 481, 482, 483 or any elementary or secondary endorsement

<u>ASSISTANT PRINCIPAL (1)</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Office & Administration (Grades PRE-K-3)	Adm	9505	441, 442, 443, 444, 480, 481, 482, 483 or any early childhood or elementary endorsement
Office & Administration (Grades K-8)	Adm	9510	441, 442, 443, 444, 480, 481, 482, 483 or any elementary endorsement
Office & Administration (School with PRE-K Program with Grades K-8)	Adm	9511	403, 441, 442, 443, 444, 467, 480, 481, 482, 483 or any elementary endorsement
Office and Administration (Grades 6, 7 & 8)	Adm	9518	441, 442, 443, 444, 480, 481, 482, 483 or any elementary or secondary endorsement
Office and Administration (School with PRE-K Program with Grades 6, 7, & 8)	Adm	9519	403, 441, 442, 443, 444, 467, 480, 481, 482, 483 or any elementary or secondary endorsement

(1) **Assistant principals, teaching principals, or dual assignment personnel with more than fifty percent (50%) of their responsibilities involved in instructional leadership must hold an administrator license/endorsement.**

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

SPECIALIZED ASSIGNMENTS	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Librarian/Media Specialist (400 or more students)	Lib/Med Sp	9601	073, 473
Librarian/Media Specialist (399 or less students)	Lib/Med Sp	9641	Any early childhood, elementary, K-12 endorsement
School Counselor (Grades 6, 7 & 8)	Guidance	9602	086, 087, 487
School Counselor (Grades K-8)	Guidance	9603	086, 487
Playground or Cafeteria	Play Cafe	9604	N/A
Study Hall	St Hall	9605	N/A
Planning Time	Pltime	9609	N/A
Activity Period	Act Per	9610	N/A
Consulting Teacher/Instructional Facilitator (Pre-K-3)	CTK3	9631	Any early childhood endorsement
Consulting Teacher/Instructional Facilitator(Pre-K-8)	CTK8	9632	403, 467 or any elementary endorsement
Consulting Teacher/Instructional Facilitator (Grades 6, 7 & 8)	CT68	9633	Any elementary or secondary endorsement

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

<u>Subject</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Title I Reading (Grades K-6) (1)	Title I RK6	9621	002, 402, 403, 467, 497, 001, 075, 101, 401, 486, 499, 440
<u>HQ</u> - Title I Reading (Grades K-8) (2)	Title I RK8	9614	001, 075, 101, 401, 402, 467, 486, 499, 440
<u>HQ</u> - Title I Reading (Grades 6, 7 & 8) (3)	Title I R678	9625	001, 075, 076, 101, 400, 401, 402, 007, 407, 467, 486, 499, 440
<u>HQ</u> - Title I Math (Grades K-6) (4)	Title I MK6	9622	002, 402, 403, 467, 497, 001, 101, 401, 486, 499, 440
<u>HQ</u> - Title I Math (Grades K-8) (5)	Title I MK8	9615	001, 101, 401, 402, 467, 499, 440
<u>HQ</u> - Title I Math (Grades 6, 7 & 8) (6)	Title I M678	9626	001, 101, 400, 401, 402, 013, 413, 440, 467, 499
<u>HQ</u> - Title I Language Arts (Grades K-6) (7)	Title I LAK6	9623	002, 402, 403, 497, 001, 075, 101, 401, 467, 99, 440
<u>HQ</u> - Title I Language Arts (Grades K-8) (8)	Title I LAK8	9616	001, 075, 101, 401, 402, 467, 499, 440
<u>HQ</u> - Title I Language Arts (Grades 6, 7 & 8) (9)	Title I LA678	9627	001, 075, 076, 101, 400, 401, 402, 007, 407, 467, 499, 440
<u>HQ</u> - Title I Reading/Language Arts/Math (Grades K-6) (10)	Title I G K-6	9635	002, 402, 403, 497, 001, 101, 401, 467, 486, 499, 440
<u>HQ</u> - Title I Reading/Language Arts/Math (Grades K-8) (11)	Title I G K-8	9636	001, 101, 401, 402, 403, 467, 486, 497, 499, 440
<u>HQ</u> - Title I Reading/Language Arts/Math (Grades 6,7,8) (12)	Title I G 6,7,8	9637	001, 101, 400, 401, 402, 467, 486, 499, 440

(1-11) Even though class code covers K-6, approved endorsement codes cover any of those grades listed on endorsement.

Athletic Coaching	At Co	9617	N/A
<u>HQ</u> - English as Second Language	ESL - Elem	9619	301, 490
Homeroom	HRM	9685	N/A

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

<u>SELF-CONTAINED MULTIAGE CLASSES</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Self-Contained Multiage K-1	SCMK1	0911	(1)
(1) <i>Teachers having both Kindergarten and Grade 1 students should have the appropriate endorsement for the majority of the students served. If the majority of the students in the multiage class are Kindergarten students, the teacher should have endorsement 002, 402, 403 or 497, 499. If the majority of the students in the class are Grade 1 students, the teacher should have endorsement 001, 002, 101, 401, 402, 403 or 497, 467, 499.</i>			
<u>HQ</u> - Self-Contained Multiage 1-2	SCM12	0912	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ</u> - Self-Contained Multiage 2-3	SCM23	0913	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ</u> - Self-Contained Multiage 3-4	SCM34	0914	(2)
(2) <i>Teachers having both Grade 3 and Grade 4 students should have the appropriate endorsement for the majority of the students served. If the majority of the students in the multiage class are Grade 3 students, the teacher should have endorsement 001, 002, 101, 401, 402, 403 or 497, 499. If the majority of the students in the class are Grade 4 students, the teacher should have endorsement 001, 101, 401, 402 or 497, 499, 440.</i>			
<u>HQ</u> - Self-Contained Multiage 4-5	SCM45	0915	(3)
(3) <i>Teachers having both Grade 4 and Grade 5 students should have the appropriate endorsement for the majority of the students served. If the majority of the students in the multiage class are Grade 4 students, the teacher should have endorsement 001, 101, 401, 402 or 497, 499. If the majority of the students in the class are Grade 5 students, the teacher should have endorsement 001, 101, 400, 401 or 402, 499, 440.</i>			
<u>HQ</u> - Self-Contained Multiage 5-6	SCM56	0916	001, 101, 400, 401, 402, 499, 440
<u>HQ</u> - Self-Contained Multiage 6-7	SCM67	0917	001, 101, 400, 401, 402, 499, 440
<u>HQ</u> - Self-Contained Multiage 7-8	SCM78	0918	001, 101, 400, 401, 402, 499, 440
<u>HQ</u> - Self-Contained Multiage K-1-2	SCMK12	0919	(4)
(4) <i>Teachers having Kindergarten, Grade 1 and Grade 2 students should have the appropriate endorsement for the majority of the students served. If the majority of the students in the multiage class are Kindergarten students, the teacher should have endorsement 002, 402, 403 or 497, 499, 468. If the majority of the students in the class are Grade 1 and Grade 2 students, the teacher should have endorsement 001, 002, 101, 401, 402, 403 or 497, 499, 467.</i>			
<u>HQ</u> - Self-Contained Multiage 1-2-3	SCM123	0920	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ</u> - Self-Contained Multiage 2-3-4	SCM234	0921	(5)
(5) <i>Teachers having Grade 2, Grade 3 and Grade 4 students should have the appropriate endorsement for the majority of the students served. If the majority of the students in the multiage class are Grade 2 and Grade 3 students, the teacher should have endorsement 001, 002, 101, 401, 402, 403 or 497, 499, 467. If the majority of the students in the class are Grade 4 students, the teacher should have endorsement 001, 101, 401, 402 or 497, 499, 440.</i>			

<u>SELF-CONTAINED MULTIAGE CLASSES</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
---	---------------------------------	-------------------	--

<u>HQ</u> - Self-Contained Multiage 3-4-5	SCM345	0922	(6)
<i>(6) Teachers having Grade 3, Grade 4 and Grade 5 students should have the appropriate endorsements for the majority of the students served. If the majority of the students in the multiage class are Grade 3 students, the teacher should have endorsement 001, 002, 101, 401, 402, 403, 497, 499, 467, 440. If the majority of the students in the class are Grade 4 students, the teacher should have endorsement 001, 101, 401, 402 or 497, 499. If the majority of the students in the class are Grade 5 students, the teacher should have endorsement 001, 101, 400, 401, 402, 499, 440.</i>			
<u>HQ</u> - Self-Contained Multiage 4-5-6	SCM456	0923	(7)
<i>(7) Teachers having Grade 4, Grade 5 and Grade 6 students should have the appropriate endorsement for the majority of the students served. If the majority of the students in the multiage class are Grade 4 students, the teacher should have endorsement 001, 101, 401, 402 or 497, 499, 440. If the majority of the students in the multiage class are Grade 5 and Grade 6 students, the teacher should have endorsement 001, 101, 400, 401, or 402, 499, 440.</i>			
<u>HQ</u> - Self-Contained Multiage 5-6-7	SCM567	0924	001, 101, 400, 401, 402, 499, 440
<u>HQ</u> - Self-Contained Multiage 6-7-8	SCM678	0925	001, 101, 400, 401, 402, 499, 440

<u>MULTIAGE ART</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> – Multiage Art (Major Portion) Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	MA	0930	027, 427
<u>HQ</u> – Multiage Art (Minor Portion) Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	MA	0956	001, 002, 101, 400, 401, 402, 403, 497, 027, 427, 499, 440
<u>HQ</u> – Multiage Art (Major Portion) Grades 4-5, 5-6, 4-5-6, 5-6-7, 6-7-8	MA	0940	027, 427
<u>HQ</u> – Multiage Art (Minor Portion) Grades 4-5, 5-6, 4-5-6, 5-6-7, 6-7-8	MA	0966	001, 101, 400, 401, 402, 027, 427, 499, 440
<u>HQ</u> – Multiage Art (Major Portion) Grades 7-8	MA	0950	027, 427
<u>HQ</u> – Multiage Art (Minor Portion) Grades 7-8	MA	0976	001, 101, 400, 401, 402, 027, 427, 499, 440
<u>MULTIAGE MUSIC</u>			
<u>HQ</u> – Multiage Music (Major Portion) Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	MM	0931	028, 029, 240, 241, 428, 429
<u>HQ</u> – Multiage Music (Minor Portion) Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	MM	0957	001, 002, 101, 400, 401, 402, 403, 497, 028, 029, 240, 241, 428, 429, 499, 440
<u>HQ</u> – Multiage Music (Major Portion) Grades 4-5, 5-6, 6-7, 4-5-6, 5-6-7, 6-7-8	MM	0941	028, 029, 240, 241, 428, 429
<u>HQ</u> – Multiage Music (Minor Portion) Grades 4-5, 5-6, 6-7, 4-5-6, 5-6-7, 6-7-8	MM	0967	001, 101, 400, 401, 402, 028, 029, 240, 241, 428, 429, 499, 440

<u>MULTIAGE MUSIC</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> -Multiage Music (Major Portion) Grades 7-8	MM	0951	028, 029, 240, 241, 428, 429
<u>HQ</u> -Multiage Music (Minor Portion) Grades 7-8	MM	0977	001, 101, 400, 401, 402, 028, 029, 240, 241, 428, 429, 499, 440
<u>MULTIAGE P.E.</u>			
Multiage Physical Education (Major Portion) Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	MPE	0932	019, 071, 221, 420
Multiage Physical Education (Minor Portion) Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	MPE	0958	001, 002, 101, 400, 401, 402, 403, 497, 019, 071, 221, 420, 499
Multiage Physical Education (Major Portion) Grades 4-5, 5-6, 4-5-6, 5-6-7	MPE	0942	019, 071, 221, 420
Multiage Physical Education (Minor Portion) Grades 4-5, 5-6, 4-5-6, 5-6-7	MPE	0968	001, 101, 400, 401, 402, 019, 071, 221, 420, 499, 440
Multiage Physical Education (Major Portion) Grades 6-7, 6-7-8	MPE	0954	019, 071, 072, 221, 420
Multiage Physical Education (Minor Portion) Grades 6-7, 6-7-8	MPE	0988	001, 101, 400, 401, 402, 019, 071, 072, 221, 420, 499, 440

<u>MULTIAGE P.E.</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Multiage Physical Education (Major Portion) Grades 7-8	MPE	0952	019, 071, 072, 221,420
Multiage Physical Education (Minor Portion) Grades 7-8	MPE	0978	001, 101, 400, 401, 402, 019, 071, 072, 221, 420, 499, 440
<u>SELF CONTAINED MULTIAGE COMPUTER</u>			
Self-Contained Multiage Computer Literacy (Instructor) Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	SCMC	0933	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background/training in computer skills
Self-Contained Multiage Computer Literacy (Instructor) Grades 4-5, 5-6, 6-7, 4-5-6, 5-6-7, 6-7-8	SCMCI	0943	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background/training in computer skills
Self-Contained Multiage Computer Literacy (Instructor) Grades 7-8	SCMCT	0953	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background/training in computer skills
<u>SELF-CONTAINED MULTIAGE FOREIGN LANGUAGE</u>			
Self-Contained Multiage Foreign Language Grades K-1, 1-2, 2-3, 3-4, K-1-2, 1-2-3, 2-3-4, 3-4-5	SCSMFL	0935	001, 002, 101, 301, 401, 402, 403, 497, 004, 006, 009, 010, 011, 012, 404, 406, 409, 410, 411, 412, 490, 491, 492, 493, 494, 495, 496, 499
Self-Contained Multiage Foreign Language Grades 4-5, 5-6, 6-7, 4-5-6, 5-6-7, 6-7-8	SCMFL	0945	001, 101, 301, 400, 401, 402, 004, 006, 009, 010, 011, 012, 404, 406, 409, 410, 411, 412, 490, 491, 492, 493, 494, 495, 496, 499, 440
Self-Contained Multiage Foreign Language Grades 7-8	SCMFL	0955	001, 101, 301, 400, 401, 402, 004, 006, 009, 010, 011, 012, 404, 406, 409, 410, 411, 412, 490, 491, 492, 493, 494, 495, 496, 499, 440

MULTIAGE ALTERNATIVE SCHOOL/PROGRAM

Alternative School/Program (Grades K-8)	Alt S/P	9690	Any early childhood, elementary, secondary, Career and Technical or K-12 endorsement
Alternative School/Program (Grades 6, 7 & 8)	Alt S/P	9695	Any early childhood, elementary, secondary, Career and Technical or K-12 endorsement
Alternative School/Program (Grades 9-12)	Alt S/P	9390	Any early childhood, elementary, secondary, Career and Technical or K-12 endorsement

PRE-KINDERGARTEN (1)	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Self-Contained P-3, P-4 - (Multiage)	SC	0002	403, 465, 467, 468, 459, 497
Pre-School P-3 - (3 year olds only)	P3	2223	403, 465, 467, 468, 459, 497
Pre-School P-4 - (4 year olds only)	P4	2224	403, 465, 467, 468, 459, 497
Pre-Kindergarten Art	Pre-K Art	2220	027, 427
Pre-Kindergarten P.E.	Pre-K P.E.	2221	019, 071, 221, 420
Pre-Kindergarten Music	Pre-K-Music	2222	028, 029, 240, 241, 428, 429

(1) *Pre-Kindergarten course codes are to be used as follows: if more than 50% of students are Special Education students, use the Special Education Pre-Kindergarten course code, otherwise use the regular Pre-Kindergarten course code.*

NOTE: *Specialty groups (guidance counselors, social workers, librarians, etc.) may work with the pre-kindergarten classrooms even though the endorsement area does not cover grade Pre-K. The Pre-K students will not be counted in the ADM number for student capacity since Pre-K students are not counted for ADA/ADM.*

KINDERGARTEN	<u>Abbreviation/Code</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Self-Contained	SC	0003

Subject Codes for Self-Contained/Departmentalized Schedules

<u>HQ</u> - Language Arts	Lng Arts	0001	002, 402, 403, 497, 499, 467, 468
Spanish	Span	0060	002, 402, 403, 497, 301, 490, 495, 001, 009, 101, 401, 409, 499, 467, 468
Latin	Latin	0061	002, 402, 403, 497, 301, 490, 493, 001, 010, 101, 401, 410, 499, 467, 468
French	French	0062	002, 402, 403, 497, 301, 490, 491, 001, 011, 101, 401, 411, 499, 467, 468
German	German	0063	002, 402, 403, 497, 301, 490, 492, 001, 012, 101, 401, 412, 499, 467, 468
Russian	Russian	0064	002, 402, 403, 497, 301, 490, 494, 001, 006, 101, 401, 406, 499, 467, 468
Japanese	Japanese	0065	002, 402, 403, 497, 301, 490, 496, 001, 004, 101, 401, 404, 499, 467, 468, 485
Chinese	Chinese	0067	002, 402, 403, 497, 301, 490, 496, 001, 004, 101, 401, 404, 499, 467, 468, 479
<u>HQ</u> - Mathematics	Math	0006	002, 402, 403, 497, 499, 467, 468
<u>HQ</u> - Science	Sci	0007	002, 402, 403, 497, 499, 467, 468
Health/Safety	Health	0011	002, 402, 403, 497, 019, 020, 099, 220, 419, 499, 467, 468
<u>HQ</u> - Social Studies	So Stu	0019	002, 402, 403, 497, 499, 467, 468
Creative Dramatics	Creat Dra	0050	002, 402, 403, 497, 499, 001, 101, 401, 467, 468, 405
Dance	Dan	0051	445, Any early childhood, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0055	002, 402, 403, 497, 075, 486, 499, 467, 468
<u>HQ</u> - Spelling	Spelling	0056	002, 402, 403, 497, 499, 467, 468
<u>HQ</u> - Writing	Writing	0057	002, 402, 403, 497, 499, 467, 468

<u>Physical Education, Art, Music and Computer Schedules</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Physical Education (Major Portion)	P.E. Major	0052	019, 071, 221, 420
Physical Education (Minor Portion)	P.E. Minor	0058	002, 402, 403, 497, 019, 071, 221, 420, 499, 467, 468
<u>HQ</u> – Art (Major Portion)	Art Major	0053	027, 427
<u>HQ</u> – Art (Minor Portion)	Art Minor	0059	002, 402, 403, 497, 027, 427, 499, 467, 468
<u>HQ</u> – Music (Major Portion)	Mus Major	0054	028, 029, 240, 241, 428, 429
<u>HQ</u> – Music (Minor Portion)	Mus Minor	0066	002, 402, 403, 497, 028, 029, 240, 241, 428, 429, 499, 467, 468
Computer Literacy (Self Contained)	Comp Tech SC	0045	002, 402, 403, 497, 499, 467, 468
Computer Literacy (Instructor)	Comp Tech In	0046	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background in computer skills.

FIRST GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ - Self-Contained</u>	SC	0100	001, 002, 101, 401, 402, 403, 497, 499, 467
Subject Codes for Self-Contained/Departmentalized Schedules			
<u>HQ - Language Arts</u>	Lng Arts	0101	001, 002, 101, 401, 402, 403, 497, 499, 467
Spanish	Span	0102	001, 002, 101, 401, 402, 403, 497, 301, 490, 495, 009, 409, 499, 467
Latin	Latin	0103	001, 002, 101, 401, 402, 403, 497, 301, 490, 493, 010, 410, 499, 467
French	French	0104	001, 002, 101, 401, 402, 403, 497, 301, 490, 491, 011, 411, 499, 467
German	German	0105	001, 002, 101, 401, 402, 403, 497, 301, 490, 492, 012, 412, 499, 467
Russian	Russian	0164	001, 002, 101, 401, 402, 403, 497, 301, 490, 494, 006, 406, 499, 467
Japanese	Japanese	0165	001, 002, 101, 401, 402, 403, 497, 301, 490, 496, 004, 404, 499, 467, 485
Chinese	Chinese	0166	001, 002, 101, 401, 402, 403, 497, 301, 490, 496, 004, 404, 499, 467, 479
<u>HQ - Mathematics</u>	Math	0106	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ - Science</u>	Sci	0107	001, 002, 101, 401, 402, 403, 497, 499, 467
Health/Safety	Health	0111	001, 002, 101, 401, 402, 403, 497, 019, 020, 099, 220, 419, 499, 467
<u>HQ - Social Studies</u>	So Stu	0119	001, 002, 101, 401, 402, 403, 497, 499, 467
Creative Dramatics	Creat Dra	0150	001, 002, 101, 401, 402, 403, 497, 499, 467, 405
Dance	Dan	0151	445, Any early childhood, elementary, K-12 endorsement and appropriate background in dance
<u>HQ - Reading</u>	Reading	0155	001, 002, 101, 401, 402, 403, 497, 075, 486, 499, 467
<u>HQ - Spelling</u>	Spelling	0156	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ - Writing</u>	Writing	0157	001, 002, 101, 401, 402, 403, 497, 499, 467

<u>Physical Education, Art, Music and Computer Schedules</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Physical Education (Major Portion)	P.E. Major	0152	019, 071, 221, 420
Physical Education (Minor Portion)	P.E. Minor	0158	001, 002, 101, 400, 401, 402, 403, 497, 019, 071, 221, 420, 499, 467
<u>HQ</u> –Art (Major Portion)	Art Major	0153	027, 427
<u>HQ</u> –Art (Minor Portion)	Art Minor	0159	001, 002, 101, 400, 401, 402, 403, 497, 027, 427, 499, 467
<u>HQ</u> –Music (Major Portion)	Mus Major	0154	028, 029, 240, 241, 428, 429
<u>HQ</u> –Music (Minor Portion)	Mus Minor	0160	001, 002, 101, 400, 401, 402, 403, 497, 028, 029, 240, 241, 428, 429, 499, 467
Computer Literacy (Self-Contained)	ComTech SC	0145	001, 002, 101, 401, 402, 403, 497, 499, 467
Computer Literacy (Instructor)	Comp Tech In	0146	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background in computer skills.

SECOND GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ - Self-Contained</u>	SC	0200	001, 002, 101, 401, 402, 403, 497, 499, 467
Subject Codes for Self-Contained/Departmentalized Schedules			
<u>HQ - Language Arts</u>	Lng Arts	0201	001, 002, 101, 401, 402, 403, 497, 499, 467
Spanish	Span	0202	001, 002, 101, 401, 402, 403, 497, 301, 490, 495, 009, 409, 499, 467
Latin	Latin	0203	001, 002, 101, 401, 402, 403, 497, 301, 490, 493, 010, 410, 499, 467
French	French	0204	001, 002, 101, 401, 402, 403, 497, 301, 490, 491, 011, 411, 499, 467
German	German	0205	001, 002, 101, 401, 402, 403, 497, 301, 490, 492, 012, 412, 499, 467
Russian	Russian	0264	001, 002, 101, 401, 402, 403, 497, 301, 490, 494, 006, 406, 499, 467
Japanese	Japanese	0265	001, 002, 101, 401, 402, 403, 497, 301, 490, 496, 004, 404, 499, 467, 485
Chinese	Chinese	0266	001, 002, 101, 401, 402, 403, 497, 301, 490, 496, 004, 404, 499, 467, 479
<u>HQ - Mathematics</u>	Math	0206	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ - Science</u>	Sci	0207	001, 002, 101, 401, 402, 403, 497, 499, 467
Health/Safety	Health	0211	001, 002, 101, 401, 402, 403, 497, 019, 020, 099, 220, 419, 499, 467
<u>HQ - Social Studies</u>	So Stu	0219	001, 002, 101, 401, 402, 403, 497, 499, 467
Creative Dramatics	Creat Dra	0250	001, 002, 101, 401, 402, 403, 497, 499, 467, 405
Dance	Dan	0251	445, Any early childhood, elementary, K-12 endorsement and appropriate background in dance
<u>HQ - Reading</u>	Reading	0255	001, 002, 101, 401, 402, 403, 497, 075, 486, 499, 467
<u>HQ - Spelling</u>	Spelling	0256	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ - Writing</u>	Writing	0257	001, 002, 101, 401, 402, 403, 497, 499, 467

Physical Education, Art, Music and Computer Schedules

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Physical Education (Major Portion)	P.E. Major	0252	019, 071, 221, 420	
Physical Education (Minor Portion)	P.E. Minor	0258	001, 002, 101, 400, 401, 402, 403, 497, 019, 071, 221, 420, 499, 467	
<u>HQ</u> - Art (Major Portion)	Art Major	0253	027, 427	
<u>HQ</u> - Art (Minor Portion)	Art Minor	0259	001, 002, 101, 400, 401, 402, 403, 497, 027, 427, 499, 467	
<u>HQ</u> - Music (Major Portion)	Mus Major	0254	028, 029, 240, 241, 428, 429	
<u>HQ</u> - Music (Minor Portion)	Mus Minor	0260	001, 002, 101, 400, 401, 402, 403, 497, 028, 029, 240, 241, 428, 429, 499, 467	
Computer Literacy (Self-Contained)	ComTech Sc	0245	001, 002, 101, 401, 402, 403, 497, 499, 467	
Computer Literacy (Instructor)	Comp Tech In	0246	Any early childhood, elementary, secondary, Career and Technical , K-12 endorsement and appropriate background in computer skills.	

THIRD GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ - Self-Contained</u>	SC	0300	001, 002, 101, 401, 402, 403, 497, 499, 467
Subject Codes for Self-Contained/Departmentalized Schedules			
<u>HQ - Language Arts</u>	Lng Arts	0301	001, 002, 101, 401, 402, 403, 497, 499, 467
Spanish	Span	0302	001, 002, 101, 401, 402, 403, 497, 301, 490, 495, 009, 409, 499, 467
Latin	Latin	0303	001, 002, 101, 401, 402, 403, 497, 301, 490, 493, 010, 410, 499, 467
French	French	0304	001, 002, 101, 401, 402, 403, 497, 301, 490, 491, 011, 411, 499, 467
German	German	0305	001, 002, 101, 401, 402, 403, 497, 301, 490, 492, 012, 412, 499, 467
Russian	Russian	0364	001, 002, 101, 401, 402, 403, 497, 301, 490, 494, 006, 406, 499, 467
Japanese	Japanese	0365	001, 002, 101, 401, 402, 403, 497, 301, 490, 496, 004, 404, 499, 467, 485
Chinese	Chinese	0366	001, 002, 101, 401, 402, 403, 497, 301, 490, 496, 004, 404, 499, 467, 479
<u>HQ - Mathematics</u>	Math	0306	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ - Science</u>	Sci	0307	001, 002, 101, 401, 402, 403, 497, 499, 467
Health/Safety	Health	0311	001, 002, 101, 401, 402, 403, 497, 019, 020, 099, 220, 419, 499, 467
<u>HQ - Social Studies</u>	So Stu	0319	001, 002, 101, 401, 402, 403, 497, 499, 467
Creative Dramatics	Creat Dra	0350	001, 002, 101, 401, 402, 403, 497, 499, 467, 405
Dance	Dan	0351	445, Any early childhood, elementary, K-12 endorsement and appropriate background in dance
<u>HQ - Reading</u>	Reading	0355	001, 002, 101, 401, 402, 403, 497, 075, 486, 499, 467
<u>HQ - Spelling</u>	Spelling	0356	001, 002, 101, 401, 402, 403, 497, 499, 467
<u>HQ - Writing</u>	Writing	0357	001, 002, 101, 401, 402, 403, 497, 499, 467

Physical Education, Art, Music and Computer Schedules

	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Physical Education (Major Portion)	P.E. Major	0352	019, 071, 221, 420
Physical Education (Minor Portion)	P.E. Minor	0358	001, 002, 101, 400, 401, 402, 403, 497, 019, 071, 221, 420, 499, 467
<u>HQ</u> – Art (Major Portion)	Art Major	0353	027, 427
<u>HQ</u> – Art (Minor Portion)	Art Minor	0359	001, 002, 101, 400, 401, 402, 403, 497, 027, 427, 499, 467
<u>HQ</u> – Music (Major Portion)	Mus Major	0354	028, 029, 240, 241, 428, 429
<u>HQ</u> – Music (Minor Portion)	Mus Minor	0360	001, 002, 101, 400, 401, 402, 403, 497, 028, 029, 240, 241, 428, 429, 499, 467
Computer Literacy (Self-Contained)	ComTech SC	0345	001, 002, 101, 401, 402, 403, 497, 499, 467
Computer Literacy (Instructor)	ComTech In	0346	Any early childhood, elementary, secondary, Career and Technical, K-12 endorsement and appropriate background in computer skills.

FOURTH GRADE

	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Self-Contained	SC	0400	001, 101, 401, 402, 497, 499, 440
Subject Codes for Self-Contained/Departmentalized Schedules			
<u>HQ</u> - Language Arts	Lng Arts	0401	001, 101, 401, 402, 497, 499, 440
Spanish	Span	0402	001, 101, 401, 402, 497, 301, 490, 495, 009, 409, 499, 440
Latin	Latin	0403	001, 101, 401, 402, 497, 301, 490, 493, 010, 410, 499, 440
French	French	0404	001, 101, 401, 402, 497, 301, 490, 491, 011, 411, 499, 440
German	German	0405	001, 101, 401, 402, 497, 301, 490, 492, 012, 412, 499, 440
Russian	Russian	0464	001, 101, 401, 402, 497, 301, 490, 494, 006, 406, 499, 440
Japanese	Japanese	0465	001, 101, 401, 402, 497, 301, 490, 496, 004, 404, 499, 440, 485
Chinese	Chinese	0466	001, 101, 401, 402, 497, 301, 490, 496, 004, 404, 499, 440, 479
<u>HQ</u> - Mathematics	Math	0406	001, 101, 401, 402, 497, 499, 440
<u>HQ</u> - Science	Sci.	0407	001, 101, 401, 402, 497, 499, 440
Health/Safety	Health	0411	001, 101, 401, 402, 497, 019, 020, 099, 220, 419, 499, 440
<u>HQ</u> - Social Studies	So Stu	0419	001, 101, 401, 402, 497, 499, 440
Creative Dramatics	Creat Dra	0450	001, 101, 401, 402, 497, 499, 440, 405
Dance	Dan	0451	445, Any elementary, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0455	001, 101, 401, 402, 497, 075, 486, 499, 440
<u>HQ</u> - Spelling	Spelling	0456	001, 101, 401, 402, 497, 499, 440
<u>HQ</u> - Writing	Writing	0457	001, 101, 401, 402, 497, 499, 440

<u>Physical Education, Art, Music and Computer Schedules</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Physical Education (Major Portion)	P.E. Major	0452	019, 071, 221, 420
Physical Education (Minor Portion)	P.E. Minor	0458	001, 101, 400, 401, 402, 497, 019, 071, 221, 420, 499, 440
<u>HQ</u> – Art (Major Portion)	Art Major	0453	027, 427
<u>HQ</u> – Art (Minor Portion)	Art Minor	0459	001, 101, 400, 401, 402, 497, 027, 427, 499, 440
<u>HQ</u> – Music (Major Portion)	Mus Major	0454	028, 029, 240, 241, 428, 429
<u>HQ</u> – Music (Minor Portion)	Mus Minor	0460	001, 101, 400, 401, 402, 497, 028, 029, 240, 241, 428, 429, 499, 440
Computer Literacy (Self-Contained)	ComTech SC	0445	001, 101, 401, 402, 497, 499, 440
Computer Literacy (Instructor)	ComTech In	0446	Any early childhood, elementary, secondary, Career and Technical, K-12 endorsement and appropriate background in computer skills.
Keyboarding	Keybd	0410	037, 039, 041, 055, 057, 201, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 476 and/or a high school or college post secondary transcript and show successful completion of a typewriting or keyboarding course

FIFTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standard</u>
<u>HQ - Self-Contained</u>	SC	0500	001, 101, 400, 401, 402, 499, 440
Subject Codes for Self-Contained/Departmentalized Schedules			
<u>HQ - Language Arts</u>	Lng Arts	0501	001, 101, 400, 401, 402, 499, 440
Spanish	Span	0502	001, 101, 400, 401, 402, 301, 490, 495, 009, 409, 499, 440
Latin	Latin	0503	001, 101, 400, 401, 402, 301, 490, 493, 010, 410, 499, 440
French	French	0504	001, 101, 400, 401, 402, 301, 490, 491, 011, 411, 499, 440
German	German	0505	001, 101, 400, 401, 402, 301, 490, 492, 012, 412, 499, 440
Russian	Russian	0564	001, 101, 400, 401, 402, 301, 490, 494, 006, 406, 499, 440
Japanese	Japanese	0565	001, 101, 400, 401, 402, 301, 490, 496, 004, 404, 499, 440, 485
Chinese	Chinese	0566	001, 101, 400, 401, 402, 301, 490, 496, 004, 404, 499, 440, 479
<u>HQ - Mathematics</u>	Math	0506	001, 101, 400, 401, 402, 499, 440
<u>HQ - Science</u>	Sci	0507	001, 101, 400, 401, 402, 499, 440
Health/Safety	Health	0511	001, 101, 400, 401, 402, 019, 020, 099, 220, 419, 499, 440
<u>HQ - Social Studies</u>	So Stu	0519	001, 101, 400, 401, 402, 499, 440
<u>HQ - Vocal Music (Chorus/Choir)</u>	V Mus	0527	028, 240, 428
<u>HQ - Instrumental Music (Band/Orchestra)</u>	I Mus	0528	029, 241, 429
<u>HQ - Multi-Age Vocal Music (Chorus/Choir)</u>	MAV Mus	0961	028, 240, 428
<u>HQ - Multi-Age Instrumental Music (Band/Orchestra)</u>	MAI Mus	0971	029, 241, 429
Multi-Age Middle Grades Exploratory	MA MGE	0981	001, 101, 400, 401, 402, 499, 440

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

FIFTH GRADE

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standard</u>
Exploring Technology (1)	ExpTech	0561	STEM	001, 101, 105, 400, 401, 402, 440, 460, 461, 480, 481, 482, 483, 499, 070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 with successful completion of state approved training

(1) *Instructors having the following endorsements must complete the state approved training prior to teaching this course. Endorsements required are: 001, 007, 013, 015, 016, 017, 018, 081, 101, 105, 210, 211, 212, 213, 214, 407, 413, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482 and 483. Instructors are required to attend training only one time.*

Teen Living	Tn Liv	0562	HUSV	001, 050, 051, 101, 400, 401, 402, 440, 450, 499
Creative Dramatics	Creat Dra	0550		001, 101, 400, 401, 402, 499, 405, 440
Dance	Dan	0551		445, Any elementary, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0555		001, 101, 400, 401, 402, 075, 486, 499, 440
<u>HQ</u> - Spelling	Spelling	0556		001, 101, 400, 401, 402, 499, 440
<u>HQ</u> - Writing	Writing	0557		001, 101, 400, 401, 402, 499, 440
Content Area Reading, Grade 5	Cont Area Rdg	0581		001, 075, 101, 400, 401, 402, 486, 499, 440

Physical Education, Art, Music and Computer Schedules

Physical Education (Major Portion)	P.E. Major	0552		019, 071, 221, 420
Physical Education (Minor Portion)	P.E. Minor	0558		001, 101, 400, 401, 402, 019, 071, 221, 420, 499, 440
<u>HQ</u> – Art (Major Portion)	Art Major	0553		027, 427
<u>HQ</u> – Art (Minor Portion)	Art Minor	0559		001, 101, 400, 401, 402, 027, 427, 499, 440
<u>HQ</u> – Music (Major Portion)	Mus Major	0554		028, 029, 240, 241, 428, 429
<u>HQ</u> – Music (Minor Portion)	Mus Minor	0560		001, 101, 400, 401, 402, 028, 029, 240, 241, 428, 429, 499, 440

FIFTH GRADE

**Physical Education, Art, Music and
Computer Schedules**

	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standard</u>
Computer Literacy (Self-Contained)	ComTech SC	0545	001, 101, 400, 401, 402, 499, 440
Computer Literacy (Instructor)	ComTech In	0546	Any early childhood, elementary, secondary, Career and Technical, K-12 endorsement and appropriate background in computer skills.
Keyboarding	Keybd	0510	037, 039, 041, 055, 057, 201, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 476 and/or a high school or college post Secondary transcript and show successful completion of a typewriting or keyboarding course

SIXTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ - Self-Contained</u>	SC	0600	001, 101, 400, 401, 402, 499, 440
Subject Codes for Self-Contained/Departmentalized Schedules			
<u>HQ - Language Arts</u>	Lng Arts	0601	001, 101, 400, 401, 402, 007, 407, 499, 440
Spanish	Span	0602	001, 101, 400, 401, 402, 009, 301, 409, 490, 495, 499, 440
Latin	Latin	0603	001, 101, 400, 401, 402, 010, 301, 410, 490, 493, 499, 440
French	French	0604	001, 101, 400, 401, 402, 011, 301, 411, 490, 491, 499, 440
German	German	0605	001, 101, 400, 401, 402, 012, 301, 412, 490, 492, 499, 440
Russian	Russian	0664	001, 101, 400, 401, 402, 006, 301, 406, 490, 494, 499, 440
Japanese	Japanese	0665	001, 101, 400, 401, 402, 004, 301, 404, 490, 496, 499, 440, 485
Chinese	Chinese	0666	001, 101, 400, 401, 402, 004, 301, 404, 490, 496, 499, 440, 479
<u>HQ - Mathematics</u>	Math	0606	001, 101, 400, 401, 402, 013, 413, 499, 440
<u>HQ - Science</u>	Sci	0607	001, 101, 400, 401, 402, 014, 015, 016, 017, 081, 210, 211, 212, 213, 214, 415, 416, 417, 418, 419, 499, 440
Health/Safety	Health	0611	001, 101, 400, 401, 402, 019, 020, 099, 220, 419, 499, 440
<u>HQ - Social Studies</u>	So Stu	0619	001, 101, 400, 401, 402, 021, 022, 250, 421, 422, 423, 424, 499, 440
Exploring Technology (1)	ExpTech	0647	STEM 070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 , OR 001, 101, 105, 400, 401, 402, 440, 460, 461, 480, 481, 482, 499 with successful completion of state approved training

(1) *Instructors having the following endorsements must complete the state approved training prior to teaching this course. Endorsements required are: 001, 101, 105, 400, 401, 402, 440, 460, 461, 480, 481, 482, 499. Instructors are required to attend training only one time.*

SIXTH GRADE	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Vocal Music (Chorus/Choir)	V Mus	0627		028, 240, 428
<u>HQ</u> - Instrumental Music (Band/Orchestra)	I Mus	0628		029, 241, 429
<u>HQ</u> - Multi-Age Vocal Music (Chorus/Choir)	MAV Mus	0961		028, 240, 428
<u>HQ</u> - Multi-Age Vocal Music (Chorus/Choir) (For Grades 6-12)	MAV Mus	0995		028, 240, 428
<u>HQ</u> - Multi-Age Instrumental Music(Band/Orchestra)	MAI Mus	0971		029, 241, 429
<u>HQ</u> - Multi-Age Instrumental Music (Band/Orchestra) (For Grades 6-12)	MAI Mus	0996		029, 241, 429
Multi-Age Middle Grades Exploratory	MA MGE	0981		001, 101, 400, 401, 402, 499, 440
Multi-Age Middle Grades Exploratory (For Grades 6-8)	MA MGE	0983		001, 101, 400, 401, 402, 499, 440 any secondary (Grades 7-12) endorsement or any Career and Technical endorsement
Teen Living	Tn Liv	0648	HUSV	001, 050, 051, 101, 400, 401, 402, 440, 450, 499
Creative Dramatics	Creat Dra	0650		001, 101, 400, 401, 402, 499, 440, 405
Dance Dan	Dan	0651		445, 586, any elementary, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0655		001, 101, 400, 401, 402, 007, 407, 075, 076, 486, 499, 440
<u>HQ</u> - Spelling	Spelling	0656		001, 101, 400, 401, 402, 007, 407, 499, 440
<u>HQ</u> - Writing	Writing	0657		001, 101, 400, 401, 402, 007, 407, 499, 440
<u>HQ</u> - Content Area Reading, Grade 6	Con Area Read	0681		001, 007, 013, 014, 015, 016, 017, 021, 022, 023, 024, 025, 081,101,211 212, 213, 214, 250,400, 401, 402, 407, 413, 414, 415, 416, 417, 418,421 422, 423, 424, 425, 486, 499, 440, 075, 076, 210

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

<u>SIXTH GRADE</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>Physical Education, Art, Music, and Computer Schedules</u>			
Physical Education (Major Portion)	P.E. Major	0652	019, 071, 072, 221, 420
Physical Education (Minor Portion)	P.E. Minor	0658	001, 101, 400, 401, 402, 019, 071, 072, 221, 420, 499, 440
<u>HQ</u> – Art (Major Portion)	Art Major	0653	027, 427
<u>HQ</u> – Art (Minor Portion)	Art Minor	0659	001, 101, 400, 401, 402, 027, 427, 499, 440
<u>HQ</u> – General Music (Major Portion)	Mus Major	0654	028, 029, 240, 241, 428, 429
<u>HQ</u> – General Music (Minor Portion)	Mus Minor	0660	001, 101, 400, 401, 402, 028, 029, 240, 241, 428, 429, 499, 440
Computer Literacy (Self Contained)	ComTech SC	0645	001, 101, 400, 401, 402, 499, 440
Computer Literacy (Instructor)	ComTech In	0646	Any early childhood, elementary, secondary, Career and Technical, K-12 endorsement and appropriate background in computer skills.
Keyboarding	Keybd	0610	037, 039, 041, 055, 057, 201, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 476 and/or a high school or college post secondary transcript and show successful completion of a typewriting or keyboarding course

SEVENTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ - Self-Contained</u>	SC	0700	001, 101, 400, 401, 402, 440
Subject Codes for Self-Contained/Departmentalized Schedules			
<u>HQ - Language Arts</u>	Lng Arts	0701	001, 101, 400, 401, 402, 007, 407, 440
<u>HQ - Spanish</u>	Span	0702	001, 101, 400, 401, 402, 009, 301, 409, 490, 495, 440
<u>HQ - Latin</u>	Latin	0703	001, 101, 400, 401, 402, 010, 301, 410, 490, 493, 440
<u>HQ - French</u>	French	0704	001, 101, 400, 401, 402, 011, 301, 411, 490, 491, 440
<u>HQ - German</u>	German	0705	001, 101, 400, 401, 402, 012, 301, 412, 490, 492, 440
Russian	Russian	0764	001, 101, 400, 401, 402, 006, 301, 406, 490, 494, 440
Japanese	Japanese	0765	001, 101, 400, 401, 402, 004, 301, 404, 490, 496, 440, 485
Chinese	Chinese	0766	001, 101, 400, 401, 402, 004, 301, 404, 490, 496, 440, 479
<u>HQ - Mathematics</u>	Math	0706	001, 101, 400, 401, 402, 013, 413, 440
<u>HQ - Science</u>	Sci	0707	001, 101, 400, 401, 402, 014, 015, 016, 017, 081, 210, 211, 212, 213, 214, 415, 416, 417, 418, 419, 440
Health & PE	H P.E.	0708	001, 101, 400, 401, 402, 019, 440 (020 and 071), (020 and 072), (020 and 221), (020 and 420), (099 and 071), (099 and 072), (099 and 221), (099 and 420), (220 and 071), (220 and 072), (220 and 221), (220 and 420), (419 and 071), (419 and 072), (419 and 221), (419 and 420)
Health/Safety	Health	0711	001, 101, 400, 401, 402, 019, 020, 099, 220, 419, 440
<u>HQ - Integrated Social Studies</u>	In. So Stu	0712	001, 101, 400, 401, 402, 021, 022, 023, 250, 421, 422, 423, 424, 440
<u>HQ - Vocal Music (Chorus/Choir)</u>	V Mus	0727	028, 240, 428
<u>HQ - Instrumental Music (Band/Orchestra)</u>	I Mus	0728	029, 241, 429
<u>HQ - Multi-Age Vocal Music (Chorus/Choir)</u>	MAV Mus	0962	028, 240, 428
<u>HQ - Multi-Age Vocal Music (Chorus/Choir)</u> (For Grades 6-12)	MAV Mus	0995	028, 240, 428
<u>HQ - Multi-Age Instrumental Music</u> (Band/Orchestra)	MAI Mus	0972	029, 241, 429
<u>HQ - Multi-Age Instrumental Music (Band/Orchestra)</u> (For Grades 6-12)	MAI Mus	0996	029, 241, 429

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

SEVENTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Multi-Age Middle Grades Exploratory	MA MGE	0982	001, 101, 400, 401, 402, 440, any secondary (Grades 7-12) endorsement or any Career and Technical endorsement
Multi-Age Middle Grades Exploratory (For Grades 6-8)	MA MGE	0983	001, 101, 400, 401, 402, 440 any secondary (Grades 7-12) endorsement or any Career and Technical endorsement
Creative Dramatics	Creat Dra	0750	001, 101, 400, 401, 402, 405, 440
Dance	Dan	0751	445, 586, any elementary, secondary, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0755	001, 101, 400, 401, 402, 007, 407, 075, 076, 486, 440
<u>HQ</u> - Spelling	Spelling	0756	001, 101, 400, 401, 402, 007, 407, 440
<u>HQ</u> - Writing	Writing	0757	001, 101, 400, 401, 402, 007, 407, 440
Keyboarding	Keybd	0710	031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436, 474, 475, 476 and/or a high school or college post secondary transcript and show successful completion of a typewriting or keyboarding course
Document Formatting	DocFor	0713	031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436, 474, 475, 476
<u>HQ</u> - Content Area Reading, Grade 7	Cont Area Read	0781	001, 007, 013, 014, 015, 016, 017, 021, 022, 023, 024, 025, 075, 076, 081, 101, 211, 212, 213, 214, 250, 400, 401, 402, 407, 413, 414, 415, 416, 417, 418, 421, 422, 423, 424, 425, 486, 440, 210
<u>HQ</u> - Algebra I (7 th and/or 8 th graders)	Alg I	0842	001, 101, 400, 401, 402, 013, 413, 440
<u>Physical Education, Art, Music and Computer Schedules</u>			
Physical Education (Major Portion)	P.E. Major	0752	019, 071, 072, 221, 420
Physical Education (Minor Portion)	P.E. Minor	0758	001, 101, 400, 401, 402, 019, 071, 072, 221, 420, 440
<u>HQ</u> – Art (Major Portion)	Art Major	0753	027, 427

SEVENTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - General Music (Major Portion)	Mus Major	0754	028, 029, 240, 241, 428, 429
<u>HQ</u> - General Music (Minor Portion)	Mus Minor	0760	028, 029, 240, 241, 428, 429
Computer Literacy (Self-Contained)	ComTech SC	0745	001, 101, 400, 401, 402, 440
Computer Literacy (Instructor)	ComTech In	0746	Any early childhood, elementary, secondary, Career and Technical, K-12 endorsement and appropriate background in computer skills.
Inventions and Innovations (1)	I and I	0782	STEM 070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 , OR 001, 007, 013, 015, 016, 017, 018, 081, 101, 105, 210, 211, 212, 213, 214, 400, 401, 402, 407, 413, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482, 483 with successful completion of state approved training

(1) *Instructors having the following endorsements must complete the state approved training prior to teaching this course. Endorsements required are: 001, 007, 013, 015, 016, 017, 018, 081, 101, 105, 210, 211, 212, 213, 214, 400, 401, 402, 407, 413, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482, 483. Instructors are required to attend training only one time.*

SEVENTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Teen Living	Tn Liv	0784	HUSV 001, 050, 051, 101, 400, 401, 402, 440, 450
Gateway to Technology - Project Lead the Way	GAT1	0783	STEM 070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 with successful completion of PLTW Certification, OR 001, 007, 013, 014, 015, 016, 017, 018, 081, 101, 105, 210, 211, 212, 213, 214, 400, 401, 402, 407, 413, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482 and 483 with successful completion of PLTW Certification
Exploring Agricultural Sciences	Expl Ag Sci	0785	AG 048, 448

EIGHTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ - Self-Contained</u>	SC	0800	001, 101, 400, 401, 402, 440
Subject codes for Self-Contained/Departmentalized Schedules			
<u>HQ - Language Arts</u>	Lng Arts	0801	001, 101, 400, 401, 402, 007, 407, 440
<u>HQ - Spanish</u>	Span	0802	001, 101, 400, 401, 402, 009, 301, 409, 490, 495, 440
<u>HQ - Latin</u>	Latin	0803	001, 101, 400, 401, 402, 010, 301, 410, 490, 493, 440
<u>HQ - French</u>	French	0804	001, 101, 400, 401, 402, 011, 301, 411, 490, 491, 440
<u>HQ - German</u>	German	0805	001, 101, 400, 401, 402, 012, 301, 412, 490, 492, 440
Russian	Russian	0864	001, 101, 400, 401, 402, 006, 301, 406, 490, 494, 440
Japanese	Japanese	0865	001, 101, 400, 401, 402, 004, 301, 404, 490, 496, 440, 485
Chinese	Chinese	0866	001, 101, 400, 401, 402, 004, 301, 404, 490, 496, 440, 479
<u>HQ - Mathematics</u>	Math	0806	001, 101, 400, 401, 402, 013, 413, 440
<u>HQ - Science</u>	Sci	0807	001, 101, 400, 401, 402, 014, 015, 016, 017, 081, 210, 211, 212, 213, 214, 415, 416, 417, 418, 419, 440
Health & PE	H P.E.	0808	001, 101, 400, 401, 402, 019, 440, (020 and 071) , (020 and 072), (020 and 221), (020 and 420), (099 and 071), (099 and 072), (099 and 221), (099 and 420), (220 and 071), (220 and 072), (220 and 221), (220 and 420), (419 and 071), (419 and 072), (419 and 221), (419 and 420)
Health/Safety	Health	0811	001, 101, 400, 401, 402, 019, 020, 099, 220, 419, 440
<u>HQ - Integrated Social Studies</u>	In. So Stu	0814	001, 101, 400, 401, 402, 021, 023, 250, 421, 422, 423, 424, 440, 022
<u>HQ - Vocal Music (Chorus/Choir)</u>	V Mus	0827	028, 240, 428
<u>HQ - Instrumental Music (Band/Orchestra)</u>	I Mus	0828	029, 241, 429
<u>HQ - Multi-Age Vocal Music (Chorus/Choir)</u>	MAV Mus	0962	028, 240, 428
<u>HQ - Multi-Age Vocal Music (Chorus/Choir)</u> (For Grades 6-12)	MAV Mus	0995	028, 240, 428
<u>HQ - Multi-Age Instrumental Music</u> (Band/Orchestra)	MAI Mus	0972	029, 241, 429
<u>HQ - Multi-Age Instrumental Music (Band/Orchestra)</u> (For Grades 6-12)	MAI Mus	0996	029, 241, 429

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

EIGHTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Subject codes for Self-Contained/Departmentalized Schedules			
Multi-Age Middle Grades Exploratory	MA MGE	0982	001, 101, 400, 401, 402, 440 any secondary (Grades 7-12) endorsement or any Career and Technical endorsement
Multi Age Middle Grades Exploratory (Grades 6-8)	MA MGE	0983	001, 101, 400, 401, 402, 440, any secondary (Grades 7-12) endorsement or any Career and Technical endorsement
<u>HQ</u> - Algebra I (7 th and/or 8 th graders)	Alg I	0842	001, 101, 400, 401, 402, 013, 413, 440
<u>HQ</u> - Geometry (7 th and/or 8 th graders)	Geom	0843	013, 413
Creative Dramatics	Creat Dra	0850	001, 101, 400, 401, 402, 440, 405
Dance	Dan	0851	445, 586, any elementary, secondary, K-12 endorsement and appropriate background in dance
<u>HQ</u> - Reading	Reading	0855	001, 101, 400, 401, 402, 007, 407, 075, 076, 486, 440
<u>HQ</u> - Spelling	Spelling	0856	001, 101, 400, 401, 402, 007, 407, 440
<u>HQ</u> - Writing	Writing	0857	001, 101, 400, 401, 402, 007, 407, 440
Keyboarding	Key	0810	031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436 474, 475, 476 and/or a high school or college post secondary transcript and show successful completion of a typewriting or keyboarding course
Document Formatting	DocFor	0812	031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436, 474, 475, 476
<u>HQ</u> - Content Area Reading, Grade 8	Cont Area Read	0881	001, 007, 013, 014, 015, 016, 017, 021, 022, 023, 024, 025, 075, 076, 081 101, 211, 212, 213, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417, 418 421, 422, 423, 424, 425, 486, 440, 210, 250
<u>Physical Education, Art, Music and Computer Schedules</u>			
Physical Education (Major Portion)	P.E. Major	0852	019, 071, 072, 221, 420
Physical Education (Minor Portion)	P.E. Minor	0858	001, 101, 400, 401, 402, 019, 071, 072, 221, 420, 440
<u>HQ</u> – Art (Major Portion)	Art Major	0853	027, 427

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

EIGHTH GRADE	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - General Music (Major Portion)	Mus Major	0854		028, 029, 240, 241, 428, 429
<u>HQ</u> - General Music (Minor Portion)	Mus Minor	0860		028, 029, 240, 241, 428, 429
Computer Literacy (Self-Contained)	ComTech SC	0845		001, 101, 400, 401, 402, 440
Computer Literacy (Instructor)	ComTech In	0846		Any early childhood, elementary, secondary, Career and Technical K-12 endorsement and appropriate background in computer skills.
Technological Systems (1)	TechSys	0882	STEM	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 , OR 001, 007, 013, 015, 016, 017, 018, 081, 101, 105, 210, 211, 212, 213, 214, 400, 401, 402, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482 and 483 with successful completion of state approved training

(1) *Instructors having the following endorsements must complete the state approved training prior to teaching this course. Endorsements required are: 001, 007, 013, 015, 016, 017, 018, 081, 101, 105, 210, 211, 212, 213, 214, 407, 413, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482, 483. Instructors are required to attend training only one time.*

EIGHTH GRADE

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Teen Living	Tn Liv	0884	HUSV	001, 050, 051, 101, 400, 401, 402, 440, 450
Gateway to Technology - Project Lead the Way	GAT2	0883	STEM	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, 477 with successful completion of PLTW certification, OR 001, 007, 013, 015, 016, 017, 018, 081, 101, 105, 210, 211, 212, 213, 214, 400, 401, 402, 407, 413, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482 and 483 with successful completion of PLTW Certification
Exploring Agricultural Sciences	Expl Ag Sci	0885	AG	048, 448

SPECIAL EDUCATION

SCHEDULING INSTRUCTIONS - SPECIAL EDUCATION

1. Each of the following codes used for scheduling special education services refers to a specific program. The special education teacher must hold the appropriate endorsement, as indicated, to work in the specific program.
2. MODIFIED CODES are to be used when scheduling students with mild - moderate disabilities. COMPREHENSIVE CODES are to be used when scheduling students with more severe, comprehensive disabilities. When scheduling these students, you must enter one four digit code reflecting the specific program for the majority of students served in the class.
3. CODE 9497 - COMPLETION OF PARTIAL SPECIAL EDUCATION SCHEDULE is to be used to schedule a student whose IEP requires him/her to attend school part-time. The use of this code will make a full-time schedule for the student.
4. Highly Qualified requirements have predicated new course codes for those Special Education teachers who are teachers of record in core content areas. Consultative, inclusion, or related services personnel do not require Highly Qualified status and may use the Non-H.Q. course codes.
5. Highly Qualified for Special Education depends upon the grade level of the student assessment. All teachers of record must demonstrate H.Q. status at the appropriate level.
6. Inclusion teachers shall be assigned the Non-H.Q. course codes at the appropriate program and grade level showing zero students and zero classes.

<u>SPECIFIC PROGRAMS</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Modified Program Grades K-3 - Inclusion		Mod	9401 069, 105, 460, 461, 465, 067, 468, 459
<u>HQ</u> - Modified Program Grades K-3		Mod	9101 069, 105, 460, 461, 465, 067, 468, 459
<u>HQ</u> - Modified Program Grade 3 (Language Arts)		Mod	9701 069, 105, 460, 461, 465, 067, 468, 459
<u>HQ</u> - Modified Program Grade 3 (Math)		Mod	9702 069, 105, 460, 461, 465, 067, 468, 459
<u>HQ</u> - Modified Program Grade 3 (Science)		Mod	9703 069, 105, 460, 461, 465, 067, 468, 459
<u>HQ</u> - Modified Program Grade 3 (Social Studies)		Mod	9704 069, 105, 460, 461, 465, 067, 468, 459
<u>HQ</u> - Modified Program Grade 3 (Reading)		Mod	9705 069, 105, 460, 461, 465, 067, 468, 459
Modified Program Grades 4-6 - Inclusion		Mod	9404 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grades 4-6		Mod	9104 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 4 (Language Arts)		Mod	9706 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 4 (Math)		Mod	9707 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 4 (Science)		Mod	9708 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 4 (Social Studies)		Mod	9709 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 4 (Reading)		Mod	9710 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 5 (Language Arts)		Mod	9711 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 5 (Math)		Mod	9712 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 5 (Science)		Mod	9713 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 5 (Social Studies)		Mod	9714 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 5 (Reading)		Mod	9715 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 6 (Language Arts)		Mod	9716 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 6 (Math)		Mod	9717 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 6 (Science)		Mod	9718 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 6 (Social Studies)		Mod	9719 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 6 (Reading)		Mod	9720 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 7 (Reading)		Mod	9721 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grade 8 (Reading)		Mod	9722 069, 105, 460, 461, 067
Modified Program Grades 7-12 - Inclusion		Mod	9408 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grades 7-12 (Math)		Mod Math	9108 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grades 7-12 (Science)		Mod Sci	9109 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grades 7-12 (English)		Mod Eng	9111 069, 105, 460, 461, 067
<u>HQ</u> - Modified Program Grades 7-12 (Social Studies)		Mod SS	9112 069, 105, 460, 461, 067
Pre-Kindergarten (1)		Pre-K	9421 066, 067, 068, 069, 105, 403, 458, 459, 460, 461, 464, 465, 467, 468, 497, 498

(1) *Pre-Kindergarten course codes are to be used as follows: if more than 50% of students are Special Education students, use the Special Education Pre-Kindergarten course code, otherwise use the regular Pre-Kindergarten course code.*

<u>SPECIFIC PROGRAMS</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Comprehensive Program Grades K-3 - Inclusion	Comp	9425	066, 067, 069, 105, 460, 461, 465, 468, 459
<u>HQ</u> - Comprehensive Program Grades K-3	Comp	9125	066, 067, 069, 105, 460, 461, 465, 468, 459
Comprehensive Program Grades 4-6 - Inclusion	Comp	9429	066, 067, 069, 105, 460, 461
<u>HQ</u> - Comprehensive Program Grades 4-6	Comp	9129	066, 067, 069, 105, 460, 461
Comprehensive Program Grades 7-12 - Inclusion	Comp	9433	066, 067, 069, 105, 460, 461
<u>HQ</u> - Comprehensive Program Grades 7-12	Comp	9133	066, 067, 069, 105, 460, 461
Speech Program Grades K-3	Sp Imp	9438	068, 458, 464, 498
Speech Program Grades 4-6	Sp Imp	9439	068, 458, 464, 498
Speech Program Grades 7-12	Sp Imp	9440	068, 458, 464, 498
Pre-K Speech Program	Pk Sp	9441	068, 458, 464, 498

<u>SPECIFIC PROGRAMS</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Intellectually Gifted Program Grades K-3 (2)	Int Gift	9446	(2)
Intellectually Gifted Program Grades 4-6 (2)	Int Gift	9447	(2)
Intellectually Gifted Program Grades 7-12 (2)	Int Gift	9448	(2)

(2) Rules, Regulations and Minimum Standards 0520-I-2-.03 (7) states:

(a) *A classroom teacher in special or general education providing direct instruction to students identified by state criteria as intellectually gifted students shall meet the following employment standards:*

1. *The teacher shall be endorsed in the appropriate general education area or must hold the appropriate special education endorsement and*
2. *The teacher shall meet one of the following standards:*
 - (i) *The teacher shall work in consultation with a teacher who meets the standards for consulting teachers listed in (b) or*
 - (ii) *The teacher shall have completed six semester hours of college or university course work or the equivalent contact hours in teaching gifted students approved by the Department of Education or*
 - (iii) *The teacher shall hold an endorsement in gifted education.*

(b) *A consulting teacher in special or general education who works with other teachers or who teaches classes especially designed for gifted students in grades pre-kindergarten through twelve shall meet the following employment standards:*

1. *The consulting teacher shall be endorsed in the appropriate general education area or must hold the appropriate special education endorsement and*
2. *The consulting teacher shall meet one of the following standards:*
 - (i) *The consulting teacher shall have completed six semester hours of college or university coursework or the equivalent contact hours in teaching gifted students approved by the Department of Education or*
 - (ii) *The consulting teacher shall hold an endorsement in gifted education.*

(c) *An individual who serves as a gifted education coordinator in special or general education shall meet one of the following employment standards:*

1. *The individual shall hold an educator license with an endorsement in gifted education or*
2. *The individual shall hold an educator license and shall have completed six semester hours of college or university coursework or the equivalent contact hours in teaching gifted students approved by the Department of Education or*
3. *The individual shall hold a license endorsed in one of the following, beginning administrator, professional administrator, administration/ supervision or supervisor of instruction.*

A classroom teacher who was endorsed in special education prior to September 1, 1989 and who served gifted students prior to July 1, 1988, may continue to teach eligible intellectually gifted students, provided that they have completed an in-service training program approved by the Department of Education.

<u>SPECIFIC PROGRAMS</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Vision Program Grades K-3 - Inclusion	Vis	9449	064, 065, 108, 462
<u>HQ</u> - Vision Program Grades K-3	Vis	9149	064, 065, 108, 462
Vision Program Grades 4-6 - Inclusion	Vis	9453	064, 065, 108, 462
<u>HQ</u> - Vision Program Grades 4-6	Vis	9153	064, 065, 108, 462
Vision Program Grades 7-12 - Inclusion	Vis	9457	064, 065, 108, 462
<u>HQ</u> - Vision Program Grades 7-12	Vis	9157	064, 065, 108, 462
Language Program Grades K-3	Lang Imp	9466	068, 105, 458, 460, 461, 464, 465, 468, 498, 459
Language Program Grades 4-6	Lang Imp	9467	068, 105, 458, 460, 461, 464, 498
Language Program Grades 7-12	Lang Imp	9468	068, 105, 458, 460, 461, 464, 498
Pre-K Language Program (3)	PK Lang	9465	068, 105, 458, 459, 460, 461, 464, 465, 468, 498

(3) *Duties of Speech Language teachers (endorsement 458) include implementing individual or group therapies, under the supervision of a certified Speech Language Pathologist, as well as teaching classes of language impaired students.*

NOTE: SE Non-H.Q. Gateway courses are research-based pre or post intervention options for preparing students to meet the requirements of the Gateway exams. These interventions are not credit courses.

SE Gateway English	SEGW Eng	9480	063, 064, 065, 066, 067, 068, 069, 105, 108, 460, 461, 462, 463, 464, 498
<u>HQ</u> - SE Gateway English	SEGW Eng	9180	007, 063, 064, 065, 066, 067, 068, 069, 105, 108, 407, 460, 461, 462, 463, 464, 498
SE Gateway Algebra	SEGW Alg	9481	063, 064, 065, 066, 067, 068, 069, 105, 108, 460, 461, 462, 463, 464, 498
<u>HQ</u> - SE Gateway Algebra	SEGW Alg	9181	013, 063, 064, 065, 066, 067, 068, 069, 105, 108, 413, 460, 461, 462, 463, 464, 498
SE Gateway Biology	SEGW Biol	9482	063, 064, 065, 066, 067, 068, 069, 105, 108, 460, 461, 462, 463, 464 498
<u>HQ</u> - SE Gateway Biology	SEGW Biol	9182	015, 063, 064, 065, 066, 067, 068, 069, 105, 108, 415, 460, 461, 462, 463, 464, 498

<u>SPECIFIC PROGRAMS</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Audiologist	Aud	9469	469
Hearing/Deaf Ed Program Grades K-3 - Inclusion	Hear/Deaf	9490	063, 068, 463, 469
HQ - Hearing/Deaf Ed Program Grades K-3	Hear/Deaf	9190	063, 068, 463
Hearing/Deaf Ed Program Grades 4-6 - Inclusion	Hear/Deaf	9494	063, 068, 463, 469
HQ - Hearing/Deaf Ed Program Grades 4-6	Hear/Deaf	9194	063, 068, 463
Hearing/Deaf Ed Program Grades 7-12 - Inclusion	Hear/Deaf	9495	063, 068, 463, 469
HQ - Hearing/Deaf Ed Program Grades 7-12	Hear/Deaf	9195	063, 068, 463
Consulting Teacher/Instructional Facilitator	CTSE	9496	063, 064, 065, 066, 067, 068, 069, 105, 108, 458, 460, 461, 462, 463, 464, 465, 468, 469, 498, 459
Completion of Partial SE Schedule	Par Sch	9497	Any endorsement
Work-Based Learning: Special Education Transition (4)	Co-op	6107	063, 064, 065, 066, 067, 068, 069, 105, 108, 458, 460, 461, 462, 463, 464, 465, 466, 468, 469, 498
<p>(4) <i>This code may be used to schedule a supervision period for teachers, in addition to awarding credit for students meeting expectations for work-based learning instruction. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved two-day training, including successful submission of post-work requirements.</i></p>			
Special Course		Sp Crs (5)	Any Special Education Endorsement
<p>(5) <i>Prior approval of special course by the Special Education Division is required.</i></p>			

SECONDARY GRADES 9-12

<u>ADMINISTRATION</u>	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
PRINCIPAL (1)				
Office & Administration (Schools with grades 9-12 and 225 or more students)	Adm	9201		442, 443, 444, 480, 481, 482, 483
Office & Administration (School with PRE-K Program with grades 9-12 and 225 or more students)	Adm	9202		442, 443, 444, 480, 481, 482, 483
Office & Administration (School with grades 9-12 and 224 or less students)	Adm	9221		442, 443, 444, 480, 481, 482, 483, 477, 450 or any secondary endorsement
Office & Administration (School with PRE-K Program with grades 9-12 and 224 or less students)	Adm	9222		442, 443, 444, 480, 481, 482, 483, 477, 450, or any secondary endorsement

<u>ASSISTANT PRINCIPAL (1)</u>	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Office & Administration	Adm	9210		441, 442, 443, 444, 480, 481, 482, 483, 477, 450 or any secondary endorsement
Office & Administration (School with PRE-K Program)	Adm	9211		441, 442, 443, 444, 480, 481, 482, 483, 477, 450 or any secondary endorsement

(1) Assistant principals, teaching principals, or dual assignment personnel with more than fifty percent (50%) of their responsibilities involved in instructional leadership must hold an administrator license/endorsement.

CAREER AND TECHNICAL EDUCATION SUPERVISION

Career and Technical Ed. Supervisory Positions	CTE	9220	(2)
---	------------	-------------	------------

(2) Persons in this position are to be evaluated by the Division of Career and Technical Education for compliance with the following employment standard. Rules, Regulations and Minimum Standards 0520-1-2-.03(10)(g) states: "Persons holding Career and Technical Education supervisory positions including local directors, supervisors, coordinator specialists, assistant principals for Career and Technical Education, and center administrators shall have a minimum of a bachelor's degree in Career and Technical Education from an accredited four-year college or university and shall have completed three years of teaching experience in an approved Career and Technical -technical education program. They shall also have had two years of appropriate employment experience in a recognized occupation."

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

SPECIALIZED ASSIGNMENTS	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Librarian/Media Specialist	Lib	9301		073, 473
School Counselor	Guidance	9303		087, 487
<i>Cafeteria</i>	<i>Cafe</i>	<i>9304</i>		<i>N/A</i>
Study Hall	St Hall	9305		N/A
Planning Time	Pltime	9309		N/A
Activity Period	Act Per	9310		N/A
<i>HQ</i> - Secondary Title I (Language Arts)	Sec Title I LA	9311		007, 076, 407
<i>HQ</i> - Secondary Title I (Math)	Sec Title I M	9312		013, 413
Athletic Coaching	Ath Coach	9313		N/A
GED Plus Two	GED+2	9325		Baccalaureate Degree and any Secondary or Career and Technical endorsement
Adult High School – Unstructured (1)	AHS	9330		Any secondary endorsement
(1)	<i>Teachers holding an elementary endorsement 001 (Grades 1-9) may teach only 9th grade courses in an unstructured Adult High School. These must be scheduled using the specific course codes per course.</i>			
Consulting Teacher /Instructional Facilitator	CT912	9331		Any secondary endorsement or Career and Technical endorsement
Homeroom	HRM	9385		N/A
Off Site University/Career and Technical Rehab (2)	Univ/Voc Rehab	9392		N/A
Other Career and Technical Courses at Technology Centers (2)	Tech Ctr	6103	CTE	N/A
(2)	<i>This code is to be used when scheduling students who are attending Technology Centers into courses for which they are to receive credit toward graduation and for which we do not have a unique code in the Correlation of Course Codes and Endorsement Codes. EXAMPLE: A student attending a Technology Center to take Principles of Welding for graduation credit should be scheduled as course code 6034. However, if our course code document does not list the Career and Technical course being taken for graduation credit, course code 6103 should be used in scheduling the student.</i>			

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

SPECIALIZED ASSIGNMENTS

	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Work-Based Learning: CTE Subjects (1) <i>(1) Teachers who supervise this experience must hold proper endorsement and have completed the state approved 40-hour training or the state approved course equivalent. This code may be used to schedule a supervision period for teachers, in addition to awarding credit for students meeting expectations for work-based learning instruction.</i>	WBL	6105	WBL	Any CTE endorsement
Work-Based Learning: Core Subjects (2) <i>(2) This code may be used to schedule a supervision period for teachers, in addition to awarding credit for students meeting expectations for work-based learning instruction. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved two-day training, including successful submission of post-work requirements.</i>	WBL	6106	WBL	Any secondary endorsement, excluding Career and Technical endorsements

LANGUAGE ARTS	Abbreviation/Code	Report as Course Code	CTE	Endorsement/Employment Standards
<u>HQ</u> - English I	Eng 9	3001		007, 407, 001
<u>HQ</u> - English I (1)	Eng 9	30015	3001	460, 461, 105, 067, 063, 463, 064, 065, 108, 462
<i>(1) SPED teachers who are HQ in English may serve as the teacher of record and give English I credit.</i>				
<u>HQ</u> - English II	Eng 10	3002		007, 407
<u>HQ</u> - English II	Eng 10	30025	3002	460, 461, 105, 067, 063, 463, 064, 065, 108, 462
<u>HQ</u> - English III	Eng 11	3003		007, 407
<u>HQ</u> - English III	Eng 11	30035	3003	460, 461, 105, 067, 063, 463, 064, 065, 108, 462
<u>HQ</u> - English IV	Eng 12	3005		007, 407
<u>HQ</u> - English IV	Eng 12	30055	3005	460, 461, 105, 067, 063, 463, 064, 065, 108, 462

English IV (2)	Eng 12	6108	3005	CA	007, 407
<i>(2) Teachers who teach this course must hold proper endorsement and have attended the state-approved training. HQ for qualified teachers.</i>					

Journalism	Jlism	3008		007, 407
Competency English	Comp Eng	3010		007, 407, 001
Creative Writing	Creat Writ	3012		007, 407
Advanced Placement English				
<u>HQ</u> - Language and Composition	AP Lang&Comp	3013		007, 407
<u>HQ</u> - Literature and Composition	AP Lit & Comp	3014		007, 407
Speech	Speech	3015		008, 408
<u>HQ</u> - English As Second Language	ESL	3075		301, 490
<u>HQ</u> - Gateway English(3)	GW Eng	3080		007, 407

(3) Gateway English is a research-based pre or post intervention option for preparing students to meet the requirements of the Gateway English exam. A credit in the course may serve as an elective but shall not serve as one of the units in English required for graduation.

LANGUAGE ARTS

Abbreviation/Code

Report as Course Code CTE

Endorsement/Employment Standards

HQ - Content Area Reading (4)
 (4) Elective credit only

Cont Read 3081

007, 407, 013, 014, 015, 016, 017, 075,
 076, 081, 211, 212, 213, 214, 413
 414, 415, 416, 417, 418, 021, 250, 421,
 023, 423, 022, 422, 025, 425, 024
 424, 009, 409, 495, 010, 410, 493, 011,
 411, 491, 012, 412, 492, 006, 406, 494,
 004, 404, 486, 496

Technology Based Intervention

Tech Based Int 3645

(5) and (6)

(5) *Documentation of technology qualifications/training of instructor must be submitted with the Special Course Approval request*

(6) *Documentation of subject-endorsed consulting teacher must be submitted with the Special Course Approval request.*

HQ - Special Course -- Language Arts

Spec Crs (7)

(7) *Prior approval of special courses by the Division of Data and Communications*

Work-Based Learning: Core Subjects (8)

WBL 6106

WBL Any secondary endorsement,
 excluding Career and Technical
 endorsements

(8) *This code may be used to schedule a supervision period for teachers, in addition to awarding credit for students meeting expectations for work-based learning instruction. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved two-day training, including successful submission of post-work requirements.*

WORLD LANGUAGE	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Spanish I	Span 1	3021		009, 409, 495
<u>HQ</u> - Spanish II	Span 2	3022		009, 409, 495
<u>HQ</u> - Spanish III	Span 3	3023		009, 409, 495
<u>HQ</u> - Spanish IV	Span 4	3024		009, 409, 495
<u>HQ</u> - Spanish V	Span 5	3100		009, 409, 495
<u>HQ</u> - Advanced Placement Spanish Language	AP Span Lang	3025		009, 409, 495
<u>HQ</u> - Advanced Placement Spanish Literature	AP Span Lit	3026		009, 409, 495
<u>HQ</u> - Spanish III/IV	Span 3/4	3027		009, 409, 495
<u>HQ</u> - Spanish II/III	Span 2/3	3028		009, 409, 495
<u>HQ</u> - Spanish IV/AP	Span IV/AP	3082		009, 409, 495
<u>HQ</u> - Heritage Spanish I	Her Span 1	3151		009, 409, 495
<u>HQ</u> - Heritage Spanish II	Her Span 2	3152		009, 409, 495
<u>HQ</u> - Heritage Spanish III	Her Span 3	3153		009, 409, 495
<u>HQ</u> - Latin I	Latin 1	3031		010, 410, 493
<u>HQ</u> - Latin II	Latin 2	3032		010, 410, 493
<u>HQ</u> - Latin III	Latin 3	3033		010, 410, 493
<u>HQ</u> - Latin IV	Latin 4	3034		010, 410, 493
<u>HQ</u> - Advanced Placement Latin-Vergil	AP Latin Ver	3035		010, 410, 493
<u>HQ</u> - Advanced Placement Latin Literature	AP Latin Lit	3036		010, 410, 493
<u>HQ</u> - Latin III/IV	Latin 3/4	3037		010, 410, 493
<u>HQ</u> - Latin II/III	Latin 2/3	3038		010, 410, 493
<u>HQ</u> - Latin IV/AP Latin	Latin IV/AP	3083		010, 410, 493
<u>HQ</u> - French I	French 1	3041		011, 411, 491
<u>HQ</u> - French II	French 2	3042		011, 411, 491
<u>HQ</u> - French III	French 3	3043		011, 411, 491
<u>HQ</u> - French IV	French 4	3044		011, 411, 491
<u>HQ</u> - French V	French 5	3148		011, 411, 491
<u>HQ</u> - Advanced Placement French Language	AP French Lang	3045		011, 411, 491
<u>HQ</u> - Advanced Placement French Literature	AP French Lit	3046		011, 411, 491
<u>HQ</u> - French III/IV	French 3/4	3047		011, 411, 491
<u>HQ</u> - French II/III	French 2/3	3048		011, 411, 491

WORLD LANGUAGE	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - French IV/AP French	French IV/AP	3084		011, 411, 491
<u>HQ</u> - German I	German 1	3051		012, 412, 492
<u>HQ</u> - German II	German 2	3052		012, 412, 492
<u>HQ</u> - German III	German 3	3053		012, 412, 492
<u>HQ</u> - German IV	German 4	3054		012, 412, 492
<u>HQ</u> - Advanced Placement German Language	AP German Lng	3055		012, 412, 492
<u>HQ</u> - German III/IV	German3/4	3057		012, 412, 492
<u>HQ</u> - German II/III	German2/3	3058		012, 412, 492
<u>HQ</u> - German IV/AP	German IV/AP	3085		012, 412, 492
Russian I	Russ 1	3061		006, 406, 494
Russian II	Russ 2	3062		006, 406, 494
Russian III	Russ 3	3063		006, 406, 494
Russian IV	Russ 4	3064		006, 406, 494
Russian III/IV	Russ 3/4	3067		006, 406, 494
Russian II/III	Russ 2/4	3068		006, 406, 494
Japanese I	Japan 1	3071		004, 404, 485, 496
Japanese II	Japan 2	3072		004, 404, 485, 496
Japanese III	Japan 3	3073		004, 404, 485, 496
Japanese IV	Japan 4	3074		004, 404, 485, 496
Japanese III/IV	Japan 3/4	3087		004, 404, 485, 496
Japanese II/III	Japan 2/3	3088		004, 404, 485, 496
Chinese (Mandarin) I	Chin I	3091		004, 404, 479, 496
Chinese (Mandarin) II	Chin II	3092		004, 404, 479, 496
Chinese (Mandarin) III	Chin III	3142		004, 404, 479, 496
Chinese (Mandarin) IV	Chin IV	3143		004, 404, 479, 496
Chinese (Mandarin) II/III	Chin 2/3	3144		004, 404, 479, 496
Chinese (Mandarin) Advanced Placement	Chin AP	3145		004, 404, 479, 496
Chinese (Mandarin) IV/ AP	Chin 4 AP	3456		004, 404, 479, 496
Arabic I	Arab 1	3146		004, 404, 478, 496
Arabic II	Arab 2	3147		004, 404, 478, 496
Greek I	Greek 1	3149		004, 404, 484, 496
Greek II	Greek 2	3150		004, 404, 484, 496

WORLD LANGUAGE

Abbreviation/Code

Report as Course Code

CTE

Endorsement/Employment Standards

Work-Based Learning: Core Subjects (1)

WBL

6106

WBL

Any secondary endorsement,
excluding Career and Technical
endorsements

(1) *This code may be used to schedule a supervision period for teachers, in addition to awarding credit for students meeting expectations for work-based learning instruction. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved two-day training, including successful submission of post-work requirements.*

FINE ARTS	<u>Abbreviation/Code Report as Course Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> -Introduction to Fine Arts 586, 405	Intro FA	3556		028, 029, 240, 241, 428, 429, 027, 427, 445,
<u>HQ</u> -Visual Art I	V Art 1	3501		027, 427
<u>HQ</u> - Visual Art II	V Art 2	3502		027, 427
<u>HQ</u> - Visual Art III	V Art 3	3503		027, 427
<u>HQ</u> - Visual Arts IV	V Art 4	3504		027, 427
<u>HQ</u> - Visual Art III/IV	V Art 3/4	3543		027, 427
<u>HQ</u> - Visual Arts III/AP	V Art III/AP	3506		027, 427
<u>HQ</u> - General Music	Gen Mus	3505		028, 029, 240, 241, 428, 429
<u>HQ</u> - Theory and Harmony	The Har	3514		028, 029, 240, 241, 428, 429
<u>HQ</u> - Art History	Art Hist	3515		027, 427
<u>HQ</u> - Music History	Mus Hist	3517		028, 029, 240, 241, 428, 429
Theatre Arts I	Th Arts 1	3520		001, 405
Theatre Arts II	Th Arts 2	3521		405
Theatre Arts III	Th Arts 3	3522		405
Theatre Arts IV	Th Arts 4	3523		405
Theatre Arts II/III	Th Arts 2/3	3560		405
Theatre Arts	Th Arts	3524		405
Dance I	Dan 1	3525		445, 586, any secondary or K-12 endorsement and appropriate background in dance
Dance II	Dan 2	3526		445, 586, any secondary or K-12 endorsement and appropriate background in dance
Dance III	Dan 3	3527		445, 586, any secondary or K-12 endorsement and appropriate background in dance
Dance IV	Dan 4	3528		445, 586, any secondary or K-12 endorsement and appropriate background in dance
Dance	Dan	3529		445, 586, any secondary or K-12 endorsement and appropriate background in dance

FINE ARTS	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Class Piano I	Pia 1	3540		028, 029, 240, 241, 428, 429
<u>HQ</u> - Class Piano II	Pia 2	3541		028, 029, 240, 241, 428, 429
<u>HQ</u> - Class Piano III	Pia 3	3548		028, 029, 240, 241, 428, 429
<u>HQ</u> - Class Piano IV	Pia 4	3549		028, 029, 240, 241, 428, 429
<u>HQ</u> - Class Piano II/III	Pia 2/3	3550		028, 029, 240, 241, 428, 429
<u>HQ</u> - Class Piano III/IV	Pia 3/4	3551		028, 029, 240, 241, 428, 429
<u>HQ</u> - Class Piano	Pia	3542		028, 029, 240, 241, 428, 429
<u>HQ</u> - Guitar I	Gui 1	3552		028, 029, 240, 241, 428, 429
<u>HQ</u> - Guitar II	Gui 2	3553		028, 029, 240, 241, 428, 429
<u>HQ</u> - Guitar III	Gui 3	3554		028, 029, 240, 241, 428, 429
<u>HQ</u> - Guitar IV	Gui 4	3555		028, 029, 240, 241, 428, 429
<u>HQ</u> - Instrumental Music	In Mus	3530		029, 241, 429
<u>HQ</u> - Multi-Age Instrumental Music (Band/Orchestra) (For Grades 6-12)	MAI Mus	0996		029, 241, 429
<u>HQ</u> - Vocal Music	V Mus	3531		028, 240, 428
<u>HQ</u> - Multi-Age Vocal Music (Chorus/Choir) (For Grades 6-12)	MAV Mus	0995		028, 240, 428
<u>HQ</u> - Advanced Placement Studio Art- Drawing Portfolio	AP St Art-Draw	3533		027, 427
<u>HQ</u> - Advanced Placement History of Art	AP Hist of Art	3534		027, 427
<u>HQ</u> - Advanced Placement Music Theory	AP Mus Tho	3535		028, 029, 240, 241, 428, 429
<u>HQ</u> - Advanced Placement Studio Art - 3D Design	AP St Art 3D	3544		027, 427
<u>HQ</u> - Advanced Placement Studio Art - 2D Design	AP St Art 2D	3545		027, 427

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.

FINE ARTS

Abbreviation/Code

Report as Course Code CTE

Endorsement/Employment Standards

Work-Based Learning: Core Subjects (1)	WBL	6106	WBL	Any secondary endorsement, excluding Career and Technical endorsements
(1) <i>This code may be used to schedule a supervision period for teachers, in addition to awarding credit for students meeting expectations for work-based learning instruction. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved two-day training, including successful submission of post-work requirements.</i>				

HQ - Special Course-Visual Arts

Spec Crs (2)

(2) *Prior approval of special courses by the Department of Education is required.*

HQ - Special Course-Music

Spec Crs (2)

(2) *Prior approval of special courses by the Department of Education is required.*

HQ -Special Course-Theatre

Spec Crs (2)

(2) *Prior approval of special courses by the Department of Education is required.*

Special Course- Dance

Spec Crs (2)

(2) *Prior approval of special courses by the Department of Education is required.*

MATHEMATICS	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Algebra I	Alg 1	3102		013, 413, 001
<u>HQ</u> - Algebra I A (1)(2)	Alg 1 A	31023	31023	013, 413, 001
<p>(1) <i>Students will earn elective credit only for Algebra I A. The math credit is awarded with the B course. Students must complete both the A and B course within the same academic year (fall, spring and summer). Students with qualifying disabilities as documented in the IEP may earn math credit for Algebra I A.</i></p> <p>(2) <i>An appropriately endorsed regular education teacher who has been determined to be HQ in Math may serve as the teacher of record and award credit to regular education and special education students however someone from the Special Education staff must work with the teacher to support the SWDs (inclusive setting).</i></p>				
<u>HQ</u> - Algebra I B (3)(4)	Alg 1 B	31024	3102	013, 413, 001
<p>(3) <i>Students will earn elective credit only for Algebra I A. The math credit is awarded with the B course. Students must complete both the A and B course within the same academic year (fall, spring and summer).</i></p> <p>(4) <i>An appropriately endorsed regular education teacher who has been determined to be HQ in Math may serve as the teacher of record and award credit to regular education and special education students however someone from the Special Education staff must work with the teacher to support the SWDs (inclusive setting).</i></p>				
<u>HQ</u> - Algebra I A (5)(6)	Alg 1 A	31025	31025	460, 461, 105, 067, 063, 463, 064, 065, 108, 462
<p>(5) <i>Students with qualifying disabilities as documented in the IEP shall be required to achieve at least Algebra I and Geometry (or equivalent). The required number of credits in math will be achieved through increased instructional time, appropriate methodologies, accommodations and other differentiated instruction as determined by the IEP team. These students may earn mathematics credit for Algebra I A and for Algebra I B as well as math credit for Geometry I A and Geometry I B. SPED teachers who are HQ in Math may serve as the teacher of record and give Algebra I A credit.</i></p> <p>(6) <i>An appropriately endorsed Special Education teacher who has been determined to be HQ in Math may serve as the teacher of record and award credit to special education students only (pull out setting).</i></p>				
<u>HQ</u> - Algebra I B (7)(8)	Alg 1 B	31026	3102	460, 461, 105, 067, 063, 463, 064, 065, 108, 462
<p>(7) <i>Students with qualifying disabilities as documented in the IEP shall be required to achieve at least Algebra I and Geometry (or equivalent). The required number of credits in math will be achieved through increased instructional time, appropriate methodologies, accommodations and other differentiated instruction as determined by the IEP team. These students may earn mathematics credit for Algebra I A and for Algebra I B as well as math credit for Geometry A and Geometry B. SPED teachers who are HQ in Math may serve as the teacher of record and give Algebra I B credit.</i></p> <p>(8) <i>An appropriately endorsed Special Education teacher who has been determined to be HQ in Math may serve as the teacher of record and award credit to special education students only (pull out setting).</i></p>				

MATHEMATICS	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Algebra II	Alg 2	3103		013, 413
<u>HQ</u> - Algebra II A (9)	Alg 2 A	31033	31033	013, 413
<u>HQ</u> - Algebra II B (10) (9)(10) <i>Students will earn elective credit only for Algebra II A. The math credit is awarded with the B course. Students must complete both the A and B course within the same academic year (fall, spring and summer).</i>	Alg 2 B	31034	3103	013, 413
<u>HQ</u> - Geometry	Geom	3108		013, 413
<u>HQ</u> - Geometry I A (11)(12) (11) <i>Students will earn elective credit only for Geometry A. The math credit is awarded with the B course. Students must complete both the A and B course within the same academic year (fall, spring and summer). Students with qualifying disabilities as documented in the IEP may earn math credit for Geometry A.</i> (12) <i>An appropriately endorsed regular education teacher who has been determined to be HQ in Math may serve as the teacher of record and award credit to regular education and special education students however someone from the Special Education staff must work with the teacher to support the SWDs (inclusive setting).</i>	Geom 1 A	31083	31083	013, 413
<u>HQ</u> - Geometry I B (13)(14) (13) <i>Students will earn elective credit only for Geometry A. The math credit is awarded with the B course. Students must complete both the A and B course within the same academic year (fall, spring and summer).</i> (14) <i>An appropriately endorsed regular education teacher who has been determined to be HQ in Math may serve as the teacher of record and award credit to regular education and special education students however someone from the Special Education staff must work with the teacher to support the SWDs (inclusive setting).</i>	Geom 1 B	31084	3108	013, 413
<u>HQ</u> - Geometry I A (15)(16) (15) <i>Students with qualifying disabilities as documented in the IEP shall be required to achieve at least Algebra I and Geometry (or equivalent). The required number of credits in math will be achieved through increased instructional time, appropriate methodologies, accommodations and other differentiated instruction as determined by the IEP team. These students may earn mathematics credit for Algebra I A and for Algebra I B as well as math credit for Geometry A and Geometry B. SPED teachers who are HQ in Math may serve as the teacher of record and give Geometry A credit.</i> (16) <i>An appropriately endorsed Special Education teacher who has been determined to be HQ in Math may serve as the teacher of record and award credit to special education students only (pull out setting).</i>	Geom 1 A	31085	31085	460, 461, 105, 067, 063, 463, 064, 065, 108 462

MATHEMATICS

Abbreviation/Code Report as Course Code CTE Endorsement/Employment Standards

HQ – Geometry I B (17)(18) Geom 1 B 31086 3108 460, 461, 105, 067, 063, 463, 064, 065, 108 462

(17) *Students with qualifying disabilities as documented in the IEP shall be required to achieve at least Algebra I and Geometry (or equivalent). The required number of credits in math will be achieved through increased instructional time, appropriate methodologies, accommodations and other differentiated instruction as determined by the IEP team. These students may earn mathematics credit for Algebra I A and for Algebra I B as well as math credit for Geometry A and Geometry B. SPED teachers who are HQ in Math may serve as the teacher of record and give Geometry B credit.*

(18) *An appropriately endorsed **Special Education teacher who has been determined to be HQ in Math** may serve as the teacher of record and award credit to special education students only (pull out setting).*

HQ - Calculus Calc 3113 013, 413

HQ - Algebra I (19) Alg 1 6109 3102 CA 013, 413

HQ - Algebra II (19) Alg 2 6110 3103 CA 013, 413

HQ - Geometry (19) Geom 6111 3108 CA 013, 413

(19) *Teachers who teach this course must hold proper endorsement and have attended state-approved training. HQ for qualified teachers.*

HQ - Advanced Algebra and Trigonometry Alg/Trig 3124 013, 413

HQ - PreCalculus P-Calc 3126 013, 413

HQ - Advanced Placement Calculus AB AP Calc AB 3127 013, 413

HQ – Advanced Placement Calculus AB/BC AP Calc AB/BC 3139 013, 413

HQ - Advanced Placement Calculus BC AP Calc BC 3128 013, 413

HQ - Advanced Placement Statistics AP Stat 3129 013, 413

HQ - Foundations I Found 1 3130 013, 413, 001

HQ - Foundations II Found 2 3131 013, 413, 001

HQ - Integrated Mathematics I Int Math 1 3132 013, 413, 001

HQ - Integrated Mathematics II Int Math 2 3133 013, 413

HQ - Integrated Mathematics III Int Math 3 3134 013, 413

HQ - Discrete Mathematics w/ Statistics and Probability Disc Math 3135 013, 413

HQ - Statistics Stat 3136 013, 413

MATHEMATICS	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> – Calculus AB/BC	Ca AB/BC	3139		013, 413
<u>HQ</u> - Gateway Algebra (20) (20) <i>Gateway Algebra is a research-based pre or post intervention option for preparing students to meet the requirements of the Gateway Algebra exam. A credit in the course may serve as an elective but shall not serve as one of the units in mathematics required for graduation.</i>	GW Alg	3180		013, 413
<u>HQ</u> – Bridge Math	Brid Math	3181		013, 413
<u>HQ</u> – Finite Math	Fnt Math	3182		013, 413
<u>HQ</u> - Content Area Reading (21) (21) <i>Elective credit only</i>	Cont Read	3081		007, 407, 013, 014, 015, 016, 017, 075, 076, 081, 211, 212, 213, 214, 413 414, 415, 416, 417, 418, 021, 250, 421, 023, 423, 022, 422, 025, 425, 024, 424, 009, 409, 495, 010, 410, 493, 011, 411, 491, 012, 412, 492, 006, 406, 006, 494, 004, 404, 486, 496
Technology Based Intervention	Tech Based Int	3645	(22) and (23)	
(22) <i>Documentation of technology qualifications/training of instructor must be submitted with the Special Course Approval request.</i>				
(23) <i>Documentation of subject-endorsed consulting teacher must be submitted with the Special Course Approval request.</i>				

MATHEMATICS

Abbreviation/Code

Report as Course Code

CTE

Endorsement/Employment Standards

Work-Based Learning: Core Subjects (24)

WBL

6106

WBL

Any secondary endorsement,
excluding Career and Technical
endorsements

(24) *This code may be used to schedule a supervision period for teachers, in addition to awarding credit for students meeting expectations for work-based learning instruction. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved two-day training, including successful submission of post-work requirements.*

HQ - Special Course-Mathematics

Spec Crs

(25)

(25) *Prior approval of special courses by the Division of Data and Communications*

COMPUTER TECHNOLOGY	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Computer Literacy (1)	Per Comp	3620		(1) or 037, 039, 041, 055, 057, 201, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 476
<i><u>Rules, Regulations and Minimum Standards</u> 0520-1-2-.03(8) states:</i>				
<i>Teachers of Computer Technology, Grades 9-12</i>				
<i>(1) A teacher shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work or have the appropriate endorsement.</i>				
Computer Programming I (2)	Comp Prog I	3782		(2) or 031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436, 474, 475, 476
<i><u>Rules, Regulations and Minimum Standards</u> 0520-1-2-.03(8) states:</i>				
<i>Teachers of Computer Technology, Grades 9-12</i>				
<i>(2) A teacher shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work including at least one programming language. Endorsements 474, 475 and 476 requires the equivalent of six semester computer courses work including at least one programming language.</i>				
Computer Programming II (3)	Comp Prog II	3783		(3) or 031, 032, 037, 041, 055, 56, 057, 203, 204, 311, 434, 435, 474, 475, 476
<i><u>Rules, Regulations and Minimum Standards</u> 0520-1-2-.03(8) states:</i>				
<i>Teachers of Computer Technology, Grades 9-12</i>				
<i>(3) A teacher shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of twelve semester hours of computer course work including six semester hours of programming. Endorsements 474, 475, 476 require the equivalent of twelve semester courses work including at least six hours of programming language.</i>				
JAVA (4)	JAVA Prog	3637		(4) or 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475, 476
<i><u>Rules, Regulations and Minimum Standards</u> 0520-1-2-.03(8) states:</i>				
<i>Teachers of Computer Technology, Grades 9-12</i>				
<i>(4) A teacher shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of twelve semester hours of computer course work including six semester hours of programming. Endorsements 474, 475, 476 require the equivalent of twelve semester courses work including at least six hours of programming language.</i>				

COMPUTER TECHNOLOGY	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Advanced Placement Computer Science A (5)	AP Comp Sc A	3635		(5)
Advanced Placement AB Computer Science (5)	AP Comp Sc AB	3636		(5)

Rules, Regulations and Minimum Standards 0520-1-2-.03(8) states:

Teachers of Computer Technology, Grades 9-12

(5) A teacher shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of twelve semester hours of computer course work including six semester hours of programming. Endorsements 474, 475, 476 require the equivalent of twelve semester courses work including at least six hours of programming language.

Computer Applications (6)	Comp Prod	3638		(6) or 037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475,476
---------------------------	-----------	------	--	---

Rules, Regulations and Minimum Standards 0520-1-2-.03(8) states:

Teachers of Computer Technology, Grades 9-12

(6) A teacher shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work or have the appropriate endorsement.

COMPUTER TECHNOLOGY	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Interactive Multimedia Presentations (7)	Int Mul Pres	3639		(7) or 031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 431, 432, 434, 435, 436, 474, 475, 476

Rules, Regulations and Minimum Standards 0520-1-2-.03(8) states:

Teachers of Computer Technology, Grades 9-12

(7) A teacher shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work or have the appropriate endorsement.

Special Course-Computer Technology	Spec Crs	(8)
------------------------------------	----------	-----

(8) Prior approval of special courses by the Division of Data and Communications is required.

Work-Based Learning: Core Subjects (9)	WBL	6106	WBL	Any secondary endorsement, excluding Career and Technical endorsements
<i>(9) This code may be used to schedule a supervision period for teachers, in addition to awarding credit for students meeting expectations for work-based learning instruction. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved two-day training, including successful submission of post-work requirements.</i>				

SCIENCE	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Physical Science	Phys Sci	3202		015, 016, 017, 081, 211, 212, 213, 214, 414, 415, 416, 417, 418, 001
<u>HQ</u> - Earth Science	Ea Sci	3204		015, 016, 017, 081, 211, 212, 213, 214, 414, 415, 416, 417, 418
<u>HQ</u> - Geology	Geol	3205		081, 213, 418
<u>HQ</u> - Biology I	Biol 1	3210		015, 211, 415
<u>HQ</u> - Biology I A (1)	Biol 1 A	32103	32103	015, 211, 415
(1) <i>Students will earn elective credit only for Biology 1 A. The science credit is awarded with the Biology I B course. Students with qualifying disabilities as documented in the IEP may earn science credit for Biology I A.</i>				
<u>HQ</u> - Biology I B (2)	Biol 1 B	32104	3210	015, 211, 415
(2) <i>Students will earn elective credit only for Biology 1 A. The science credit is awarded with the Biology I B course.</i>				
<u>HQ</u> - Biology I A (3)	Biol 1 A	32105	32105	460, 461, 105, 067, 063, 463, 064, 065, 108, 462
(3) <i>Students with Qualifying disabilities as documented in the IEP are required to achieve at least Biology I and two other lab science credits. The required number of credits in science will be achieved through increased instructional time, appropriate methodologies, and accommodations and other differentiated instruction, as determined by the IEP team. Only one additional lab course is needed if Biology I A and I B are taken for credit. SPED teachers who are HQ in Biology may serve as the teacher of record and give Biology I A credit.</i>				
<u>HQ</u> - Biology I B (4)	Biol 1 B	32106	3210	460, 461, 105, 067, 063, 463, 064, 065, 108, 462
(4) <i>Students with Qualifying disabilities as documented in the IEP are required to achieve at least Biology I and two other lab science credits. The required number of credits in science will be achieved through increased instructional time, appropriate methodologies, and accommodations and other differentiated instruction, as determined by the IEP team. Only one additional lab course is needed if Biology I A and I B are taken for credit. SPED teachers who are HQ in Biology may serve as the teacher of record and give Biology I B credit.</i>				
<u>HQ</u> - Biology II	Biol 2	3216		015, 211, 415
<u>HQ</u> - Advanced Placement Biology	AP Biol	3217		015, 211, 415

SCIENCE	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Biology AP	Biol AP	3214		015, 211, 415

<u>HQ</u> –Biology I (5) (5) <i>Teachers who teach this course must hold proper endorsement and have attended the state-approved training. HQ for qualified teachers.</i>	Biol I	6112	3210	CA	015, 211, 415
<u>HQ</u> – Principles of Technology I (6) (6) <i>Teachers who teach this course must hold proper endorsement and have attended the state-approved training. HQ for qualified teachers. This course satisfies one laboratory science credit required for graduation.</i>	PTI	5886	5886	CA	016, 017, 212, 214, 414, 416, 417
<u>HQ</u> – Principles of Technology II (7) (7) <i>Teachers who teach this course must hold proper endorsement and have attended the state-approved training for Principles of Technology I and for Principles of Technology II. HQ for qualified teachers. Principles of Technology II satisfies one science credit required for graduation. The completion of Principles of Technology I and II fulfills the requirement for a credit in Physics.</i>	PTII	5887	5887	CA	016, 017, 212, 214, 414, 416, 417

SCIENCE	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Chemistry I	Chem 1	3221		016, 212, 416
<u>HQ</u> - Chemistry I A (8) (8) <i>Students will earn elective credit only for Chemistry I A. The science credit is awarded with the Chemistry I B course.</i>	Chem 1 A	32213	32213	016, 212, 416
<u>HQ</u> - Chemistry I B (9) (9) <i>Students will earn elective credit only for Chemistry I A. The science credit is awarded with the Chemistry I B course.</i>	Chem 1 B	32214	3221	016, 212, 416
<u>HQ</u> - Chemistry II	Chem 2	3224		016, 212, 416
<u>HQ</u> - Advanced Placement Chemistry	AP Chem	3225		016, 212, 416
<u>HQ</u> - Physics	Physics 1	3231		017, 214, 414, 417
<u>HQ</u> - Physics 1 A (10) (10) <i>Students will earn elective credit only for Physics 1 A. The science credit is awarded with the Physics 1 B course.</i>	Physics 1 A	32313	32313	017, 214, 414, 417
<u>HQ</u> - Physics 1 B (11) (11) <i>Students will earn elective credit only for Physics 1 A. The science credit is awarded with the Physics 1 B course.</i>	Physics 1 B	32314	3231	017, 214, 414, 417
<u>HQ</u> - Physical World Concepts	Phy Wor Con	3237		016, 017, 212, 214, 414, 416, 417
<u>HQ</u> - Advanced Placement Physics B	AP Physics B	3233		017, 214, 414, 417
<u>HQ</u> - Advanced Placement Physics C Newtonian Mechanics and Electricity and Magnetism	AP PC NM EM	3234		017, 214, 414, 417
<u>HQ</u> - Advanced Placement Environmental Science	AP Env Sc	3236		015, 016, 017, 081, 211, 212, 214, 414, 415, 416, 417, 418
<u>HQ</u> - Human Anatomy and Physiology	Phys	3251		015, 211, 415
<u>HQ</u> - Ecology	Ecol	3255		015, 211, 415
<u>HQ</u> - Environmental Science	Env Sc	3260		015, 016, 017, 081, 211, 212, 214, 414, 415, 416, 417, 418

SCIENCE	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Gateway Biology (12) (12) <i>Gateway Biology is a research-based pre or post intervention option for preparing students to meet the requirements of the Gateway Biology exam. A credit in the course may serve as an elective but shall not serve as one of the units in science required for graduation.</i>	GW Biol	3280		015, 211, 415
<u>HQ</u> - Scientific Research	SciRes	3295		015, 016, 017, 081, 211, 212, 213, 214, 414, 415, 416, 417, 418
<u>HQ</u> - Content Area Reading (13) (13) <i>Elective credit only</i>	Cont Read	3081		007, 407, 013, 014, 015, 016, 017, 075, 076, 081, 211, 212, 213, 214, 413, 414, 415, 416, 417, 418, 021, 250, 421, 023, 423, 022, 422, 025, 425, 024, 424, 009, 409, 495, 010, 410, 493, 011, 411, 491, 012, 412, 492, 006, 406, 006, 494, 004, 404, 486, 496
Technology Based Intervention (14) <i>Documentation of technology qualifications/training of instructor must be submitted with the Special Course Approval request.</i> (15) <i>Documentation of subject-endorsed consulting teacher must be submitted with the Special Course Approval request.</i>		3645		(14) and (15)
Work-Based Learning: Core Subjects (16) (16) <i>This code may be used to schedule a supervision period for teachers, in addition to awarding credit for students meeting expectations for work-based learning instruction. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved two-day training, including successful submission of post-work requirements.</i>	WBL	6106	WBL	Any secondary endorsement, excluding Career and Technical endorsements
<u>HQ</u> - Special Course--Science (17) <i>Prior approval of special courses by the Department of Education is required.</i>	Spec Crs	(17)		
Agriscience (18)	Agrisc	5957	AG	HQ: (048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418), (048 and 449) or (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and

(18) *Agriscience satisfies one laboratory science credit in the area of life sciences, if teacher is HQ.*

SCIENCE

Abbreviation/Code

Report as Course Code

CTE

Endorsement/Employment Standards

Anatomy and Physiology (19)	Ant/Phys	5991	HS	577
<i>(19) This course may satisfy one of the science credits required for graduation. HQ where applicable.</i>				
Nutrition Science (20)	Nutr Sci	6007	HUSV	050, 051, 450 For HQ: (050 and 015), (050 and 016), (050 and 211), (050 and 212), (050 and 415), (050 and 416) or (051 and 015), (051 and 016), (051 and 211),(051 and 212), (051 and 415), (051 and 416) or (450 and 015), (450 and 016), (450 and 211), (450 and 212), (450 and 415), (450 and 416)
<i>(20) This course can be used to satisfy either one credit of Life Science (if team taught with a Biology teacher) or one credit of Physical Science (if team taught with a Chemistry teacher). If the course is not team taught, the teacher must hold both endorsements for science credit to be given.</i>				

SOCIAL STUDIES	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - World History	W Hist	3401		021, 250, 421
<u>HQ</u> - Ancient History	Anc Hist	3402		021, 250, 421
<u>HQ</u> - Modern History	Mod Hist	3403		021, 250, 421
<u>HQ</u> - U. S. History	US Hist	3405		021, 250, 421
<u>HQ</u> - U. S. Government (1) (2)	US Govt	3407		023, 250, 423, 001
<i>(1) The United States government requirement for graduation may be satisfied by one semester of American Business/Legal Systems or by three years of JROTC.</i>				
<i>(2) Successful completion of 3 years of JROTC substitutes for ½ credit of Personal Finance and, if the teacher is HQ under NCLB, ½ credit of U.S. Government.</i>				
<u>HQ</u> - World Geography	W Geog	3410		022, 250, 422, 001
<u>HQ</u> - Economics (3)	Economics	3431		024, 250, 424, 471
<i>(3) The economics requirement for graduation may be satisfied by two semesters of marketing education, one semester of International Business and Marketing one semester of Consumer Economics, or out-of-school experiences through Junior Achievement.</i>				
Personal Finance (4)	Per Fin	3496		024, 030, 032, 033, 034, 035, 036, 037, 038, 039, 041, 050, 051, 052, 054, 055, 056, 057, 058, 059, 061, 062, 201, 202, 203, 204, 250, 311, 424, 430, 431, 432, 433, 434, 435, 436, 451, 452, 471, 472, 474, 475, or any secondary licensure with training (14) clock hours of training as approved by TN Dept. of Education.
<i>(4) Successful completion of 3 years of JROTC substitutes for ½ credit of Personal Finance and, if the teacher is HQ under NCLB, ½ credit of U.S. Government.</i>				
Anthropology	Anthropology	3421		025, 250, 425
Sociology	Sociology	3432		025, 250, 425
Psychology	Psy	3433		080, 250, 426
Contemporary Issues	Cont Is	3435		021, 022, 023, 024, 025, 080, 250, 421, 422, 423, 424, 425, 426, 471
<u>HQ</u> - Advanced Placement U. S. History	AP US Hist	3440		021, 250, 421
<u>HQ</u> - Advanced Placement European History	AP Eur Hist	3441		021, 250, 421
<u>HQ</u> - African American History	AF-Am Hist	3442		021, 250, 421
<u>HQ</u> - Advanced Placement Microeconomics	AP Microec	3443		024, 250, 424, 471
<u>HQ</u> - Advanced Placement Macroeconomics	AP Macroec	3444		024, 250, 424, 471

SOCIAL STUDIES	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Bible	Bible	3452		021, 026, 421
Capstone Experience	Cap Exp	3500		Any secondary endorsement
<u>HQ</u> -Advanced Placement Gov't & Politics-United States	AP Gov't/Pol-US	3445		023, 250, 423
<u>HQ</u> -Advanced Placement Gov't & Politics Comparative	AP Gov't/PolCom	3446		023, 250, 423
Advanced Placement Psychology	AP Psych	3447		080, 250, 426
<u>HQ</u> -Advanced Placement World Geography	AP W Geo	3448		022, 250, 422
<u>HQ</u> -Advanced Placement Human Geography	AP H. Geo	3450		022, 250, 422
<u>HQ</u> -Advanced Placement World History	AP W Hist	3449		021, 250, 421

Work-Based Learning: Core Subjects (5)	WBL	6106	WBL	Any secondary endorsement, excluding Career and Technical endorsements
<i>(5) This code may be used to schedule a supervision period for teachers, in addition to awarding credit for students meeting expectations for work-based learning instruction. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved two-day training, including successful submission of post-work requirements.</i>				
Success Skills Through Service Learning (6)	Success Skills	6104	WBL	Any secondary endorsement, 414, 425, 426
<i>(6) Teachers of any course in compliance with the standards of Success Skills through Service Learning, Course Code 6104, must have completed the state approved 16-hour training or the state-approved course equivalent.</i>				

HQ -Special Course--Social Studies Spec Crs (7)
(7) Prior approval of special courses by the Department of Education is required.

HQ -Content Area Reading (8) Cont Read 3081 007, 407, 013, 014, 015, 016, 017, 075, 076, 081, 211, 212, 213, 214, 413, 414, 415, 416, 417, 418, 021, 250, 421, 023, 423, 022, 422, 025, 425, 024, 424, 009, 409, 495, 101, 410, 493, 011, 411, 491, 012, 412, 492, 006,406, 494, 004, 404, 486, 496

HEALTH AND P.E.	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Physical Ed I (1)	PE	3301		019, 072, 221, 420
Physical Ed II (2)	PE	3302		019, 072, 221, 420
<i>(1)(2) Successful completion of 2 years of JROTC substitutes for ½ credit of Physical Education.</i>				
Lifetime Wellness (3)	Well	3303		019, 020, 072, 099, 220, 221, 419, 420, or (050 and 019), (050 and 072), (050 and 221), (050 and 420), (450 and 019), (450 and 072), (450 and 221), (450 and 420), (577 and 019), (577 and 072), (577 and 221), (577 and 420)
<i>(3) Successful completion of 2 years of JROTC substitutes for one credit of Lifetime Wellness.</i>				
Driver Training	Dr Tn	3321		082
J.R.O.T.C. I	JROTC 1	3331		Must be a member of an appropriate unit of the U.S. Armed Forces
J.R.O.T.C. II	JROTC 2	3332		Must be a member of an appropriate unit of the U.S. Armed Forces
J.R.O.T.C. III	JROTC 3	3333		Must be a member of an appropriate unit of the U.S. Armed Forces
J.R.O.T.C. IV	JROTC 4	3334		Must be a member of an appropriate unit of the U.S. Armed Forces
J.R.O.T.C. V	JROTC 5	3335		Must be a member of an appropriate unit of the U.S. Armed Forces
J.R.O.T.C. VI	JROTC 6	3336		Must be a member of an appropriate unit of the U.S. Armed Forces
J.R.O.T.C. VII	JROTC 7	3337		Must be a member of an appropriate unit of the U.S. Armed Forces
J.R.O.T.C. VIII	JROTC 8	3338		Must be a member of an appropriate unit of the U.S. Armed Forces
J.R.O.T.C. IX (4) (5)	JROTC 9	3339		Must be a member of an appropriate unit of the U.S. Armed Forces
<i>(4) Successful completion of 2 years of JROTC substitutes for one credit of Lifetime Wellness and ½ credit of Physical Education. Successful completion of 3 years of JROTC substitutes for ½ credit of Personal Finance and, if the teacher is HQ under NCLB, ½ credit of U.S. Government.</i>				
<i>(5) This course code allows a mixture of first-fourth year cadets in a class.</i>				
Work-Based Learning: Core Subjects (6)	WBL	6106	WBL	Any secondary endorsement, excluding Career and Technical endorsements
<i>(6) This code may be used to schedule a supervision period for teachers, in addition to awarding credit for students meeting expectations for work-based learning instruction. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved two-day training, including successful submission of post-work requirements.</i>				
Special Course--Health and P.E.	Spec Crs	(7)		
<i>(7) Prior approval of special courses by the Department of Education is required.</i>				

BUSINESS TECHNOLOGY	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Accounting I	Acct 1	3701		030, 054, 055, 201, 203, 204, 311, 430, 434, 435, 436, 474, 475, 476
Accounting II	Acct 2	3702		030, 054, 055, 201, 203, 204, 311, 430, 434, 435, 436, 474, 475, 476
<u>HQ</u> - American Business/Legal Systems (1)	Bus/Leg Sys	3705		035, 054, 202, 204, 311, 430, 435, 436, 474, 475, 476
<i>(1) American Business/Legal Systems satisfies one-half credit in Government.</i>				
American Business/Legal Systems	Bus/Leg Sys	3706		035, 054, 202, 204, 311, 430, 435, 436, 474, 475, 476
Business Principles	Bus Prin	3709		030, 035, 039, 054, 202, 204, 311, 430, 435, 436, 474, 475, 476
Financial Planning	FinPlan	3713		033, 039, 054, 201, 202, 204, 311, 430, 435, 436, 474, 475, 476
<u>HQ</u> - Business Economics (2)	Bus Eco	3749		038, 039, 054, 201, 204, 311, 430, 435, 436, 474, 475, 476
<i>(2) <u>Rules, Regulations and Minimum Standards</u> 0520-1-2.03(8) states: Business Economics satisfies one-half credit in Economics.</i>				
Business Economics (<i>for elective credit</i>)	Bus Eco	3751		038, 039, 054, 201, 204, 311, 430, 435, 436, 474, 475, 476
Interactive Multimedia Presentations	Int Mul Pres	3752		031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 431, 432, 433, 434, 435, 436, 474, 475, 476
Personal Finance (3)	Per Fin	3767		030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 041, 051, 052, 054, 055, 056, 057, 201, 202, 203, 204, 311, 430, 431, 432, 433, 434, 435, 436, 450, 471, 472, 474, 475, 476
<i>(3) This course meets the required one-half credit for graduation.</i>				

BUSINESS TECHNOLOGY	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Computer Applications (4)	Comp App	3721		(4) or 037,039,041,055,057,202,203,204,311, 430,431,432,434,435, 436, 474, 475, 477, 476
<p>(4) <u>Rules, Regulations and Minimum Standards 0520-1-2-.03(8)</u> states: <i>Teachers of Computer Technology, Grades 9-12</i> (4) A teacher shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work or have the appropriate endorsement.</p>				
Computer Programming I (5)	Comp Prog I	3782		(5) or 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 474, 475, 476
<p>(5) <u>Rules, Regulations and Minimum Standards 0520-1-2.03(8)</u> states: <i>Teachers of Computer Technology, Grades 9-12</i> A teacher shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work including at least one programming language. Endorsements 474, 475, 476 require the equivalent of six semester computer courses work including at least one programming language.</p>				
Computer Programming II (6)	Comp Prog II	3783		(6) or 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 474, 475, 476
<p>(6) <u>Rules, Regulations and Minimum Standards 0520-1-2.03(8)</u> states: <i>Teachers of Computer Technology, Grades 9-12</i> A teacher shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of twelve semester hours of computer course work including six semester hours of programming. Endorsements 474, 475, 476 require the equivalent of twelve semester courses work including at least six hours of programming language.</p>				
Special Course-Business Technology Education	Spec Cr	(7)		Any Business endorsement
<p>(7) <i>Prior approval of special courses by the Department of Education is required.</i></p>				

CAREER AND TECHNICAL EDUCATION GRADES 9-12**AG – AGRICULTURE, FOOD, & NATURAL RESOURCES** Abbreviation/Code CTE Endorsement/Employment Standards

Agricultural Business/Finances	Ag Bus/Fin	5943	AG	048, 448
Agricultural Mechanics & Maint	Ag Mech	5944	AG	048, 448
Agricultural Power & Equipment	Ag Power & Eq	5945	AG	048, 448
Agricultural Sales & Marketing	Ag Sales & Mkt	5946	AG	048, 448
Principles of Agriculture Sciences 5948	Prin Ag Sci AG	5947 048, 448	AG	048, 448Advanced Principles of Agricultural Sciences Adv Prin Ag Sci
Aquaculture/Hydroponics	Aqua/Hydro	5949	AG	048, 448
Plant and Soil Science	Plant & Soil Sci	5950	AG	048, 448
Landscaping & Turf Management	Land & Turf Mgt	5951	AG	048, 448
Floral Design	Flor	5952	AG	048, 448
Forestry Management	Forestry Mgt	5953	AG	048, 448
Greenhouse Management	Greenhouse Mgt	5954	AG	048, 448
Horse Science	Horse Sci	5955	AG	048, 448
Leadership/Communications	Lead/Comm	5956	AG	048, 448

AG – AGRICULTURE, FOOD, & NATURAL RESOURCES Abbreviation/Code CTE Endorsement/Employment Standards

Agriscience (1)	Agrisc	5957	AG	HQ: (048 and 015), (048 and 016), (048 and 017), (048 and 081), (048 and 211), (048 and 212), (048 and 213), (048 and 214), (048 and 414), (048 and 415), (048 and 416), (048 and 417), (048 and 418), (048 and 449) or (448 and 015), (448 and 016), (448 and 017), (448 and 081), (448 and 211), (448 and 212), (448 and 213), (448 and 214), (448 and 414), (448 and 415), (448 and 416), (448 and 417), (448 and 418), (448 and 449)
<i>(1) Agriscience satisfies one laboratory science credit in the area of life sciences if teacher is HQ.</i>				
Small Animal Care	Anim Care	5958	AG	048, 448
Wildlife Management & Recreation	Wild Mgt & Rc	5959	AG	048, 448
Plant Bio-Technology	Plant Biotech	5960	AG	048, 448
Veterinary Science	Vet Sci	5961	AG	048, 448
Livestock Management	Live Mgt	5962	AG	048, 448
Agricultural Engineering	Ag Eng	5963	AG	048, 448
Agricultural Economics	Ag Econ	5965	AG	048,448
Principles of Horticultural Sciences	Prin Hort Sci	5966	AG	048,448
Animal Biotechnology	Anim Biotech	5967	AG	048, 448
Advanced Principles of Meat Science	Adv Meat Sci	5968	AG	048, 448
Advanced Hydroponics	Adv Hydro	5969	AG	048, 448
Advanced Aquaculture Science	Adv Aqu Sci	5970	AG	048, 448
Supervised Agriculture Experience	Sup Exp	5964	AG	048, 448

AG – AGRICULTURE, FOOD, & NATURAL RESOURCES **Abbreviation/Code** **CTE** **Endorsement/Employment Standards**

Special Course - Agriculture, Food, & Natural Resources	Spec Crs	(2)	AG	048, 448
<i>(2) Prior approval of special courses by the Division of Career and Technical Education is required.</i>				

CONS – ARCHITECTURE & CONSTRUCTION

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Advanced Drafting and Design	Adv Draft Des	5927	CONS	070, 230, 231, 232, 233, 470, 477, or (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 049), (077 and 078), (077 and 079), (078 and 079) plus ADDA or Autodesk OR 531, 551, 552, 553, 554, 555, 556, 584, 585, 595, 596 plus ADDA or Autodesk or any other occupational license endorsement plus ADDA or Autodesk certification
Construction Core	Const Core	6073	CONS	501, 502, 522, 523, 524, 527, 532, 553, 554, 555, 556, 567, 575, 580, 584, 585, 592, 598 and BAT or NCCER Industry Certification
Carpentry I	Car I	6035	CONS	522, 575, 580, 592 and BAT or NCCER Industry Certification
Carpentry II	Car II	6036	CONS	522, 575, 580, 592 and BAT or NCCER Industry Certification
Electrical I	Elect I	6074	CONS	501, 502, 523, 532, 567, 580, 592 and BAT or NCCER Industry Certification
Electrical II	Elect II	6075	CONS	501, 502, 523, 532, 567, 580, 592 and BAT or NCCER Industry Certification
Masonry I	Mas I	6079	CONS	524 and BAT or NCCER or Industry Certification
Masonry II	Mas II	6080	CONS	524 and BAT or NCCER or Industry Certification
Concrete I	Conc I	6040	CONS	524 and BAT or NCCER Industry Certification
Concrete II	Conc II	6041	CONS	524 and BAT or NCCER Industry Certification
Plumbing I	Plumb I	6081	CONS	501, 502, 527, 567, 580, 592 and BAT or NCCER Industry Certification
Plumbing II	Plumb II	6082	CONS	501, 502, 527, 567, 580, 592 and BAT or NCCER Industry Certification

CONS – ARCHITECTURE & CONSTRUCTION

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Heating, Ventilation, Air Conditioning, and Refrigeration I (HVAC/R) I	HVAC/R I	6076	CONS	501, 502, 523, 532, 567, 592, 598 and BAT or NCCER or HVAC Excellence Industry Certification
Heating, Ventilation, Air Conditioning, and Refrigeration II (HVAC/R) II	HVAC/R II	6077	CONS	501, 502, 523, 532, 567, 592, 598 and BAT or NCCER or HVAC Excellence Industry Certification
Introduction to Welding	Intro Wld	6078	CONS	551, 552, 553, 554, 555, 556, 584, and BAT or NCCER or AWS Industry Certification OR any other occupational endorsement plus Certified Welding Educator Certification
Basic Principles of Welding	Prin Weld	6034	CONS	551, 552, 553, 554, 555, 556, 584, and BAT or NCCER or AWS Industry Certification OR any other Occupational license endorsement plus Certified Welding Educator Certification
Advanced Welding Application and Certification	Adv Weld Cert	6033	CONS	551, 552, 553, 554, 555, 556, 584, and BAT or NCCER or AWS Industry Certification OR any other Occupational license endorsement plus Certified Welding Educator Certification
Computer Aided Drafting I	Comp Draft I	6037	CONS	070, 230, 470, 477 OR 531, 551, 552, 553, 554, 555, 556, 584, 585, 595, 596 plus ADDA or Autodesk Certification OR any other Occupational license endorsement plus ADDA or Autodesk Certification
Computer Aided Drafting II	Comp Draft II	6039	CONS	070, 230, 470, 477 OR any other Occupational license endorsement plus ADDA or Autodesk Certification OR 551, 552, 553 plus ADDA OR Autodesk 531, 554, 555, 556, 584, 585, 595, 596 or any other Occupational license endorsement plus ADDA or Autodesk Certification
Comp Draft II/Adv Draft Des (1)	Comp D Adv II	6038	CONS	070, 230, 470, 477 OR any other Occupational license endorsement plus ADDA or Autodesk Certification OR 551, 552, 553 plus ADDA OR Autodesk 531, 554, 555, 556, 584, 585, 595, 596 or any other Occupational license endorsement plus ADDA or Autodesk Certification
<i>(1) Use this code when Computer Aided Drafting II and Advanced Drafting and Design are combined in the same class.</i>				

CONS – ARCHITECTURE & CONSTRUCTION

Abbreviation/Code

CTE

Endorsement/Employment Standards

Interior Design	Int Des	6014	CONS	050, 051, 450
Housing	Hous	6006	CONS	050, 051, 450
Special Course – Architecture & Construction	Spec Crs	(2)	CONS	501, 502, 522, 523, 524, 527, 531, 532, 551, 552, 553, 554, 555 556, 567, 575, 580, 584, 585, 592, 598 OR 595, 596, plus industry certification where indicated.

(2) *Prior approval of special courses by the Division of Career and Technical Education is required.*

ARTS – ARTS, AUDIO/VISUAL TECHNOLOGY, & COMMUNICATIONS

Abbreviation/Code

CTE

Endorsement/Employment Standards

Interactive Multimedia Presentations	Int Mul Pres	5897	ARTS	031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 431, 432, 433, 434, 435, 436, 474, 475, 476
Textiles and Apparel	Tex App	6008	ARTS	050, 051, 059, 450, (450 and 452)
Fashion Merchandising and Design	Fash Mer	6009	ARTS	050, 051, 059, 450 (450 and 452)
Digital Arts & Design I	Dig Des I	6084	ARTS	230, 311, 435, 436, 475, 476, 516, 519, 520, 521,537, 538, 543, 583 and Certified Digital Technician (CDT) through ADDA
Digital Arts & Design II	Dig Des II	6086	ARTS	230, 311, 435, 436, 475, 476, 516, 519, 520, 521,537, 538, 543, 583 and Certified Digital Technician (CDT) through ADDA
Digital Arts & Design III	Dig Des III	6087	ARTS	230, 311, 435, 436, 475, 476, 516, 519, 520, 521,537, 538, 543, 583 and Certified Digital Technician (CDT) through ADDA
Digital Arts & Design II/III	Dig Des II/III	6085	ARTS	230, 311, 435, 436, 475, 476, 516, 519, 520, 521,537, 538, 543, 583 and Certified Digital Technician (CDT) Industry Certification through ADDA
<i>(1) Use this course code when Digital Arts II and III are combined in the same class.</i>				
Animation/Stimulation and Motion Graphics	Anim SMG	6044	ARTS	516, 519, 520, 521, 543, 583 industry certification 2015
Printing/Graphics Technology I	Print I	6088	ARTS	516, 519, 520, 521, 543, 576, 583
Printing/Graphics Technology II	Print II	6043	ARTS	543, 583
Broadcasting I	Broad I	6049	ARTS	576, 597
Broadcasting II	Broad II	6050	ARTS	576, 597
Broadcasting III	Broad III	6083	ARTS	576, 597
Audio Production I	Audio Pro I	6045	ARTS	576, 597 and ProTools Industry Certification

**ARTS – ARTS, AUDIO/VISUAL TECHNOLOGY,
& COMMUNICATIONS**

Abbreviation/Code

CTE

Endorsement/Employment Standards

Audio Production II	Audio Pro II	6047	ARTS	576, 597 and ProTools Industry Certification
Audio Production III	Audio Pro III	6048	ARTS	576, 597 and ProTools Industry Certification
Audio Production II/III (1) (1) <i>Use this course code when Audio Production II and III are combined in the same class.</i>	Audio Pro II/III	6046	ARTS	576, 597 and ProTools Industry Certification
Special Course – Arts, A/V Technology	Spec Crs	(2)	ARTS	311, 435, 436, 475, 476 and Industry Certification or 501, 502, 516, 519, 520, 521, 523, 537, 538, 543, 567, 576, 578, 582, 583, 595, 597 and Industry Certification where required
(2) <i>Prior approval of special courses by the Division of Career and Technical Education is required.</i>				

BUS – BUSINESS MANAGEMENT & ADMINISTRATION Abbreviation/Code CTE Endorsement/Employment Standards

eBusiness Communication	eBus	5888	BUS	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Business Management	Bus Mgt	5889	BUS	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Business Principles	Bus Prin	5905	BUS	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Word Processing	WP	5912	BUS	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Spreadsheet Applications	Spr Sheet App	5893	BUS	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Advanced Computer Applications	Adv Com App	5904	BUS	030, 037, 041, 052, 054, 055, 056, 057, 201, 203, 204, 311, 430, 434, 435, 436, 471, 472, 474, 475, 476
Administrative Management	Adm Mgt	5895	BUS	030, 037, 041, 052, 054, 055, 056, 057, 201, 203, 204, 311, 430, 434, 435, 436, 471, 472, 474, 475, 476
Document Formatting	DocForm	5909	BUS	030, 031, 032, 035, 037, 041, 052, 054, 055, 056, 057, 202, 203, 204, 311, 430, 432, 433, 434, 435, 436, 471, 472, 474, 475, 476
Computer Applications	Comp App	5891	BUS	030, 033, 037, 039, 041, 052, 054, 055, 057, 201, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 471, 472, 474, 475, 476
American Business/Legal Systems (2) (2) <i>HQ with qualified teacher to satisfy one-half credit in Government.</i>	BusLegSyst	5892	BUS	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Business Economics (3) (3) <i>Satisfies one-half credit in Economics with HQ teacher.</i>	Bus Econ	5898	BUS	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476

BUS – BUSINESS MANAGEMENT & ADMINISTRATION Abbreviation/Code

CTE Endorsement/Employment Standards

Personal Finance (4) (5)	Per Fin	5901	BUS	030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 041, 050, 051, 052, 054, 055, 056, 057, 201, 202, 203, 204, 311, 430, 431, 432, 433, 434, 435, 436, 450, 471, 472, 474, 475, 476 OR any CTE Professional license with state approved training
(4) <i>Personal Finance satisfies the one-half credit required for graduation</i>				
(5) <i>Training is only required for those endorsements that are NOT specified. Teachers who do not have the endorsements listed must attend the state-approved training to teach personal finance.</i>				
Special Course – Business Management & Administration	Spec Cr	(6)	BUS	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
(6) <i>Prior approval of special courses by the Division of Career and Technical Education is required.</i>				

EDU – EDUCATION & TRAINING

Abbreviation/Code

CTE

Endorsement/Employment Standards

Early Childhood Education Careers I (1)	Early Child I	6015	EDU	(050 and 058), (050 and 451), (051 and 058), (051 and 451), (450 and 058), (450 and 451)
Early Childhood Education Careers II (1)	Early Child II	6016	EDU	(050 and 058), (050 and 451), (051 and 058), (051 and 451), (450 and 058), (450 and 451)
Early Childhood Education Careers III (1)	Early Child III	6017	EDU	(050 and 058), (050 and 451), (051 and 058), (051 and 451), (450 and 058), (450 and 451)
Early Childhood Education Careers II / III (1) (2)	Early Child II/III	6018	EDU	(050 and 058), (050 and 451), (051 and 058), (051 and 451), (450 and 058), (450 and 451)
<p>(1) <i>Teachers who teach this course must hold proper endorsement and have attended the state-approved Work-Based Learning Training to conduct school-sponsored enterprise in Early Childhood Education Careers. Student credit is earned as part of the course grade and not for additional credits.</i></p> <p>(2) <i>Use this code for classes where student in levels II and III are scheduled in the same class period.</i></p>				
Teaching as a Profession (3)	TAP	6010	EDU	050, 051, 450
<p>(3) <i>Teachers who teach this course must hold proper endorsement and have attended the state-approved Work-Based Learning Training. Student credit is earned as part of the course grade and not for additional credits.</i></p>				
Special Course – Education and Training	Spec Crs	(4)	EDU	050, 051, 058, 059, 060, 061, 062, 450, 451, 452, 453
<p>(4) <i>Prior approval of special courses by the Division of Career and Technical Education is required.</i></p>				

FIN – FINANCE

Abbreviation/Code

CTE

Endorsement/Employment Standards

Accounting I	Acct I	5910	FIN	030, 052, 054, 055, 201, 203, 204, 311, 430, 434, 435, 436, 471, 472, 474, 475, 476
Accounting II	Acct II	5911	FIN	030, 052, 054, 055, 201, 203, 204, 311, 430, 434, 435, 436, 471, 472, 474, 475, 476
Financial Planning	Fin Plan	5890	FIN	030, 033, 035, 039, 052, 054, 201, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Banking and Finance	Bank Fin	5899	FIN	030, 033, 035, 039, 052, 054, 201, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Special Course –Finance	Spec Crs	(1)	FIN	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476

(1) *Prior approval of special courses by the Division of Career and Technical Education is required.*

GOV – GOVERNMENT & PUBLIC ADMINISTRATION **Abbreviation/Code** **CTE** **Endorsement/Employment Standards**

Special Course – Government & Public Administration	Spec Crs	(1)	GOV	586, 590 Tennessee POST Certification for Educators
--	----------	-----	-----	---

(1) *Prior approval of special courses by the Division of Career and Technical Education is required.*

HS – HEALTH SCIENCE

Abbreviation/Code

CTE

Endorsement/Employment Standards

Rehabilitation Careers	RT	5990	HS	577
Anatomy and Physiology (1) (1) <i>This course may satisfy one of the science credits required for graduation. HQ where applicable.</i>	Ant/Phys	5991	HS	577
Biomedical Application (2) (2) <i>If the teacher is considered HQ, the student can receive Life Science substitution credit.</i>	BM-HQ	5992	HS	577
Clinical Internship (3) (3) <i>Teachers who have never taught Clinical Internship MUST attend an eight-hour state-approved training.</i>	CI	5993	HS	577
Diagnostic Medicine	DM	5994	HS	577
Emergency Medical Services (4) (4) <i>Teachers who will teach EMS as a First Responder Course MUST attend an eight-hour state-approved training.</i>	EMS	5995	HS	577
Forensic Science (5) (5) <i>If the teacher is considered HQ, the student can receive Life Science substitution credit.</i>	FS-HQ	5996	HS	577
Health Information Technology	HS	5997	HS	577
Health Science Education	HS	5998	HS	577
Medical Therapeutics	HS	5999	HS	577
Nursing Education (6) (6) <i>Teachers who have never taught Nursing Education MUST attend an eight-hour state-approved training.</i>	HS	6000	HS	577
Medical Terminology	HS	5883	HS	577
Special Course – Health Science Education (7) <i>Prior approval of special courses by the Division of Career and Technical Education is required.</i>	Spec Crs	(7)	HS	577

HOSP – HOSPITALITY & TOURISM

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Sports and Entertainment Marketing	Sports & Ent	5939	HOSP	035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Hospitality Management	Hosp Manag	5940	HOSP	035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Culinary Arts I (1)	Cul Arts I	5979	HOSP	(050 and 060), (050 and 453), (051 and 060), (051 and 453), (450 and 060), (450 and 453), 562, 563, 564, 566 and Serve-Safe, or National Registry of Food Safety Professionals or CCE Culinary Chef Educator Industry Certification <i>(1) Teachers who teach this course must hold proper endorsement and have attended the state approved Work Based Learning Training/Internship to conduct school sponsored enterprise in Culinary Arts. Student credit is earned as part of the course grade and not for additional credits.</i>
Culinary Arts II (2)	Cul Arts II	5980	HOSP	(050 and 060), (050 and 453), (051 and 060), (051 and 453), (450 and 060), (450 and 453), 562, 563, 564, 566 and Serve-Safe, or National Registry of Food Safety Professionals or CCE Culinary Chef Educator Industry Certification <i>(2) Teachers who teach this course must hold proper endorsement and have attended the state approved Work Based Learning Training/Internship to conduct school sponsored enterprise in Culinary Arts. Student credit is earned as part of the course grade and not for additional credits.</i>
Culinary Arts III (3)	Cul Arts III	5981	HOSP	(050 and 060), (050 and 453), (051 and 060), (051 and 453), (450 and 060), (450 and 453), 562, 563, 564, 566 and Serve-Safe, or National Registry of Food Safety Professionals or CCE Culinary Chef Educator Industry Certification <i>(3) Teachers who teach this course must hold proper endorsement and have attended the state approved Work Based Learning Training/Internship to conduct school sponsored enterprise in Culinary Arts. Student credit is earned as part of the course grade and not for additional credits.</i>
Culinary Arts II/III (4)	Cul Arts II/III	5977	HOSP	(050 and 060), (050 and 453), (051 and 060), (051 and 453), (450 and 060), (450 and 453), 562, 563, 564, 566 and Serve-Safe, or National Registry of Food Safety Professionals or CCE Culinary Chef Educator Industry Certification <i>(4) Teachers who teach this course must hold proper endorsement and have attended the state approved Work Based Learning Training/Internship to conduct school sponsored enterprise in Culinary Arts. Student credit is earned as part of the course grade and not for additional credits. Use this code for classes where students in levels II and III are scheduled in the same class period</i>
Travel & Tourism	Travel	5933	HOSP	035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Special Course - Hospitality and Tourism	Spec Crs	(5)	HOSP	(050 and 060), (050 and 453), (051 and 060), (051 and 453), (450 and 060), (450 and 453), 562, 563, 564, 566 and Serve-Safe, or National

Registry of Food Safety Professionals or CCE Culinary Chef Educator
Industry Certification OR 035, 052, 054, 202, 204, 311, 430, 435, 436, 471,
472, 474, 475, 476

(5) *Prior approval of special courses by the Division of Career and Technical Education is required.*

HUSV – HUMAN SERVICES**Abbreviation/Code****CTE****Endorsement/Employment Standards**

Principles of Cosmetology	Prin of Cos	5983	HUSV	561 Tennessee Cosmetology Instructor License
Design Principles of Cosmetology	Dsgn of Cos	5986	HUSV	561 Tennessee Cosmetology Instructor License
Chemistry of Cosmetology	Chem of Cos	5984	HUSV	561 Tennessee Cosmetology Instructor License
Design Principles of Cosmetology/ Chemistry of Cosmetology (1)	Dsgn PC	5985	HUSV	561 Tennessee Cosmetology Instructor License
<i>(1) Use this course code for classes where students in Design Principles of Cosmetology and Chemistry of Cosmetology are scheduled in the same class.</i>				
Barbering I	Barb I	5972	HUSV	560 and Tennessee Barbering Instructor License
Barbering II	Barb II	5973	HUSV	560 and Tennessee Barbering Instructor License
Barbering III	Barb III	5974	HUSV	560 and Tennessee Barbering Instructor License
Family & Consumer Sciences	Fam & Con Sc	6003	HUSV	050, 051, 450
Personal, Academic and Career Excellence	PACE	6012	HUSV	050, 051, 450
Consumer Economics (2)	Con Ec	6002	HUSV	050, 051, 450
<i>(2) Consumer Economics satisfies one-half credit in economics with HQ teacher.</i>				
Family and Parenting	Fam Par	6004	HUSV	050, 051, 450
Nutrition and Foods	Nutr Food	6005	HUSV	050, 051, 450
Child and Lifespan Development	Child Life	6013	HUSV	050, 051, 450
Life Connections	Life Con	6011	HUSV	050, 051, 450

HUSV – HUMAN SERVICES

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Nutrition Science (3)	Nutr Sci	6007	HUSV	050, 051, 450 For HQ: (050 and 015), (050 and 016), (050 and 211), (050 and 212), (050 and 415), (050 and 416) or (051 and 015), (051 and 016), (051 and 211),(051 and 212), (051 and 415), (051 and 416) or (450 and 015), (450 and 016), (450 and 211), (450 and 212), (450 and 415), (450 and 416)
(3) <i>This course can be used to satisfy either one credit of Life Science (if team taught with a Biology teacher) or one credit of Physical Science (if team taught with a Chemistry teacher). If the course is not team taught, the teacher must hold both endorsements for science credit to be given.</i>				
Special Course - Human Services	Spec Crs	(4)	HUSV	050, 051, 450, 586, 590, OR 560 plus Tennessee Barbering Instructor License, 561 plus Tennessee Cosmetology Instructor License
(4) <i>Prior approval by the Division of Career and Technical Education is required.</i>				

IT – INFORMATION TECHNOLOGY

Abbreviation/Code

CTE

Endorsement/Employment Standards

Database Design/Management	Data Mgt	5894	IT	030, 037, 041, 054, 055, 056, 057, 201, 203, 204, 311, 430, 432, 434,435, 436, 474, 475, 476
Desktop Publishing	DT Pbl	5896	IT	030, 037, 041, 054, 055, 056, 057, 201, 203, 204, 311, 430, 432, 434,435, 436, 474, 475, 476
Web Design Essentials	Web Des Ess	5902	IT	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 079), (047 and 077), (047 and 078), (077 and 078), (077 and 079), (078 and 079), 470, and 477 with CIW Association Foundation Certification, OR 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475, 476
Web Design Applications	Web Des App	5903	IT	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 079), (047 and 077), (047 and 078), (077 and 078), (077 and 079), (078 and 079), 470, and 477 with CIW Association Foundation Certification, OR 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475, 476 (CIW Association Foundation Certification required 2015)
Computer Programming I (1)	Com Prog I	5906	IT	(1) or 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475,476
<p>(1) <i>Rules, Regulations and Minimum Standards 0520-1-2.03(8) states Teachers of Computer Technology, Grades 9-12</i> <i>A teacher shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of six semester hours of computer course work including at least one programming language. Endorsements 474, 475, 476 requires the equivalent of six semester computer courses work including at least one programming language.</i></p>				

IT – INFORMATION TECHNOLOGY

Abbreviation/Code

CTE

Endorsement/Employment Standards

Computer Programming II (2)	Com Prog II	5907	IT	(2) or 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475, 476
(2) <i>Rules, Regulations and Minimum Standards 0520-1-2.03(8) states Teachers of Computer Technology, Grades 9-12</i> <i>A teacher shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of twelve semester hours of computer course work including six semester hours of programming. Endorsements 474, 475, 476 requires the equivalent of twelve semester courses work including at least six hours of programming language.</i>				
Game Programming (3)	Game Prog	5908	IT	(3) or 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475, 476
(3) <i>Rules, Regulations and Minimum Standards 0520-1-2.03(8) states Teachers of Computer Technology, Grades 9-12</i> <i>A teacher shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of twelve semester hours of computer course work including six semester hours of programming. Endorsements 474, 475, 476 require the equivalent of twelve semester courses work including at least six hours of programming language.</i>				
Information Technology Foundations	Info Tech	6095	IT	311, 435, 436, 475, 476, 582, 595 and A+ or NetPlus or CIW or CISCO Industry Certification
Computer Systems	Comp Sys	6094	IT	311, 435, 436, 475, 476, 582, 595 and A+ or CISCO Industry Certification
Networking	Network	6097	IT	311, 435, 436, 475, 476, 582, 595 and NetPlus or CISCO Industry Certification
Cable and Internetworking	Cab Inter	6093	IT	475, 476 501, 502, 523, 532, 537, 567, 578, 582, 595
IT Clinical (4)	IT Clin	6096	IT	311, 435, 436, 475, 476, 582, 595 and NetPlus or CISCO Industry Certification
(4) <i>Teachers who teach this course must hold proper endorsement and have attended the state-approved 40-hour Work-Based Learning Training.</i>				

IT – INFORMATION TECHNOLOGY

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Web Site I – Foundations	Web I Found	6100	IT	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 079), (047 and 077), (047 and 078), (077 and and 078), (077 and 079), (078 and 079), 470, and 477 with CIW Association Foundation Certification OR 311, 435, 436, 475, 476 and CIW Associate Foundation Industry Certification OR 516, 519, 582, 583, 595 and CIW Associate Foundation Industry Certification
Web Page Design II – Site Designer	Web Des II	6101	IT	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 079), (047 and 077), (047 and 078), (077 and and 078), (077 and 079), (078 and 079), 470, and 477 with CIW Association Foundation Certification (CIW Site Designer Industry Certification required 2015) 311, 435, 436, 475, 476 and CIW Site Designer Industry Certification OR 516, 519, 582, 583, 595 and CIW Site Designer Industry Certification
Web Page Design III – eCommerce	Web Des III	6092	IT	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 079), (047 and 077), (047 and 078), (077 and and 078), (077 and 079), (078 and 079), 470, and 477 with CIW Associate Foundation Certification (CIW

eCommerce Designer Industry Certification required 2015) OR 311, 435, 436, 475, 476 and CIW eCommerce Designer Industry Certification OR 501, 502, 516, 519, 520, 521, 523, 537, 538, 543, 567, 576, 578, 582, 583, 595 and CIW eCommerce Designer Industry Certification

IT – INFORMATION TECHNOLOGY

Abbreviation/Code

CTE

Endorsement/Employment Standards

Programming and Logic I	Pro Log I	6098	IT	516, 519, 520, 521, 543, 576, 583, 595 and Industry Certification 2015
Programming and Logic II	Pro Log II	6099	IT	516, 519, 520, 521, 543, 576, 583, 595 and Industry Certification 2015
Special Course – Information Technology	Spec Crs	(5)	IT	311, 435, 436, 475, 476 and Industry Certification Cluster OR 501, 502, 516, 519, 520, 521, 523, 537, 538, 543, 567, 576, 578, 582, 583, 595, 597 and Industry Certification where indicated

(1) Prior approval of special courses by the Division of Career and Technical Education is required.

**LAW – LAW, PUBLIC SAFETY,
CORRECTIONS & SECURITY**

Abbreviation/Code

CTE

Endorsement/Employment Standards

Criminal Justice I	Crim Jus I	5987	LAW	586, 590 Tennessee POST Certification for Educators
Criminal Justice II	Crim Jus II	5988	LAW	586, 590 Tennessee POST Certification for Educators
Criminal Justice III Forensic Science Investigation	FSI III	5989	LAW	586, 590 Tennessee POST Certification for Educators
Criminal Justice II/III (1) <i>(1) Use this code for classes where students in Criminal Justice II and III are scheduled in the same class period.</i>	Crim Jus II/III	5971	LAW	586, 590 Tennessee POST Certification for Educators
Special Course – Law, Public Safety, Corrections & Security <i>(2) Prior approval of special courses by the Division of Career and Technical Education is required.</i>	Spec Crs	(2)	LAW	586, 590 Tennessee POST Certification for Educators

MANU – MANUFACTURING

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Principles of Manufacturing	Prin Manuf	5922	MANU	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 and Industry Certification OR 531, 537, 551, 552, 553, 554, 555, 556, 575, 582, 584, 585, 596 and NIMS Industry Certification
Principles of Machining and Manufacturing	Prin Mc Manu	5923	MANU	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 and Industry Certification OR 531, 537, 551, 552, 553, 554, 555, 556, 575, 582, 584, 585, 596 and NIMS Industry Certification
Digital Electronics	Dig Elect	5925	MANU	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477, and Industry Certification OR 501, 502, 537, 551, 552, 553, 554, 555, 556, 567, 582, 584, 585, 596 and NIMS Industry Certification

MANU – MANUFACTURING

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Manufacturing Applications	Manuf App	5926	MANU	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, 477 and Industry Certification OR 551, 552, 553, 554, 555, 556, 575, 582, 584, 585, 596 and NIMS Industry Certification
Principles of Machining	Princ Mach	5929	MANU	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 and Industry Certification. OR 531, 537, 551, 552, 553, 554, 555, 556, 575, 582, 584, 585, 596, and NIMS Industry Certification
Introduction to Electromechanical	Intro Elec Mech	6091	MANU	531, 537, 551, 552, 553, 554, 555, 556, 575, 582, 584, 585, 596, 598
Electromechanical I	Elec Mech I	6089	MANU	531, 537, 551, 552, 553, 554, 555, 556, 575, 582, 584, 585, 596, 598
Electromechanical II	Elec Mech II	6090	MANU	531, 537, 551, 552, 553, 554, 555, 556, 575, 582, 584, 585, 596, 598

MANU – MANUFACTURING **Abbreviation/Code** **CTE** **Endorsement/Employment Standards**

Special Course - Manufacturing	Spec Crs	(1)	MANU 070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 and Industry Certification OR 501, 502, 531, 537, 551, 552, 553, 554, 555, 556, 575, 582, 584, 585, 596 and NIMS Industry Certification (1) <i>Prior approval of special courses by the Division of Career and Technical Education is required.</i>
--------------------------------	----------	-----	---

MKTG – MARKETING

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Marketing & Management I - Principles (1) (1) <i>HQ option for teachers who qualify. This course meets the criteria to substitute for the Economics ½ credit required for graduation.</i>	Market 1	5931	MKTG	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Marketing & Management II - Advanced Strategies	Market 2	5932	MKTG	030, 035, 039, 052, 054, 056, 057, 201, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Entrepreneurship (1) (1) <i>HQ option for teachers who qualify. This course meets the criteria to substitute for the Economics ½ credit required for graduation.</i>	Entrepre	5934	MKTG	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Exploration of Organizational Leadership & Marketing	Org Mkting	5941	MKTG	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
International Business & Marketing (2) (2) <i>HQ option for teachers who qualify. This course meets the criteria to substitute for the Economics ½ credit required for graduation.</i>	International	5935	MKTG	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Advertising & Public Relations	Advertising	5936	MKTG	052, 471, 472
Marketing Research and Analysis	Market Inf	5937	MKTG	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Retail Operations (3) (3) <i>HQ with qualified teacher. This course meets the criteria to substitute for the Economics ½ credit required for graduation.</i>	Retail	5938	MKTG	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476
Virtual Enterprise International (4) (4) <i>This course is trademarked by the New York City Department of Education and has an associated fee. Prior approval must be obtained from the Business Administration and Management, Finance, and Marketing consultant as well as requisite training before offering this course. This course satisfies the program of study requirement for Business Management & Administration and Marketing.</i>	Vir Ent Int	5900	MKTG	030, 035, 037, 039, 041, 052, 055, 056, 201, 202, 203, 204, 311, 430, 434, 435, 436, 471, 472, 474, 475, 476
Special Course - Marketing (5) <i>Prior approval of special courses by the Division of Career and Technical Education is required.</i>	Spec Crs	(5)	MKTG	030, 035, 052, 054, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475, 476

**TRAN – TRANSPORTATION,
DISTRIBUTION, & LOGISTICS****Abbreviation/Code****CTE****Endorsement/Employment Standards**

Transportation Core	Trans Core	6071	TRAN	506, 507, 508, 512, 568
Aviation Maintenance I	Av Main I	6060	TRAN	512, 579 and FAA Industry Certification
Aviation Maintenance II	Av Main II	6061	TRAN	512, 579 and FAA Industry Certification
2-4 Cycle Engines I	2-4 Cycle Eng I	6025	TRAN	506, 508, 512, 568, 579, 581 and Equipment Engine Training Council (EETC) Certification 2015
2-4 Cycle Engines II	2-4 Cycle Eng II	6026	TRAN	506, 508, 512, 568, 579, 581 and Equipment Engine Training Council (EETC) Certification 2015
2-4 Cycle Engines III	2-4 Cycle III	6027	TRAN	506, 508, 512, 568, 579, 581 and Equipment Engine Training Council (EETC) Certification 2015
Collision Repair Non-Structural	Coll Rep N S	6062	TRAN	507 and ASE B-3 or I-CAR Industry Certification
Collision Repair Structural	Coll Rep S	6064	TRAN	507 and ASE B-4 or I-CAR Industry Certification
Collision Repair Painting and Refinishing	Coll Rep P R	6063	TRAN	507 and ASE B-2 or I-CAR Industry Certification
Automotive: Suspension & Steering	Auto SS	6031	TRAN	506, 508 and ASE A-4 Industry Certification
Automotive: Engine Performance	Auto Eng Perf	6030	TRAN	506, 508 and ASE A-8 Industry Certification
Automotive: Brakes System	Auto Brake Sys	6028	TRAN	506, 508 and ASE A-5 Industry Certification
Automotive: Electrical/Electronics System	Auto Elec Sys	6029	TRAN	506, 508 and ASE A-6 Industry Certification
Diesel: Preventive Maintenance	Diesel Pre Main	6067	TRAN	581 and ASE T-8 Industry Certification
Diesel: Electrical/Electronics	Diesel Elec	6065	TRAN	581 and ASE T-6 Industry Certification
Diesel: Diesel Engine	Diesel Eng	6066	TRAN	581 and ASE T-2 Industry Certification

**TRAN – TRANSPORTATION,
DISTRIBUTION, & LOGISTICS**

Abbreviation/Code

CTE

Endorsement/Employment Standards

Introduction to Aerospace	Intro Aero	6068	TRAN	594 and FAA Industry Certification
Theory of Flight	Theory Flgt	6070	TRAN	594 and FAA Industry Certification
Principals of Transportation, Distribution and Logistics	Dist Logistics	6069	TRAN	503
Warehouse and Distribution I	Ware Dist I	6072	TRAN	503
Warehouse and Distribution II	Ware Dist II	6024	TRAN	503
Maintenance and Light Repair I	Main Light Rep I	5879	TRAN	506, 508 and ASE A-4, ASE A-5, ASE A-6, ASE A-8 Industry Certification 2016
Maintenance and Light Repair II	Main Light Rep II	5880	TRAN	506, 508 and ASE A-4, ASE A-5, ASE A-6, ASE A-8 Industry Certification 2016
Maintenance and Light Repair III	Main Light Rep III	5881	TRAN	506, 508 and ASE A-4, ASE A-5, ASE A-6, ASE A-8 Industry Certification 2016
Maintenance and Light Repair IV	Main Light Rep IV	5882	TRAN	506, 508 and ASE A-4, ASE A-5, ASE A-6, ASE A-8 Industry Certification 2016
Special Course-Transportation, Distribution, & Logistics	Spec Crs	(1)	TRAN	503, 506, 507, 508, 512, 568, 579, 581, 594 and industry certification where indicated
(1) <i>Prior approval of special courses by the Division of Career and Technical Education is required.</i>				

**STEM – SCIENCE, TECHNOLOGY,
ENGINEERING, & MATHEMATICS**

Abbreviation/Code

CTE

Endorsement/Employment Standards

<p>Foundations of Technology (1)</p>	<p>FOT</p>	<p>5917</p>	<p>STEM</p>	<p>070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 , OR Occupational licensed instructor who holds a bachelors degree OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 480, 481, 482 and 483 with successful completion of state approved training</p>
<p>(1) <i>Instructors having the following endorsements must complete the state-approved training prior to teaching this course. Endorsements required are: 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 480, 481, 482, 483) and any Occupational licensed teacher who holds a bachelors degree. Instructors are required to attend training only one time.</i></p>				
<p><i>*Occupational licensed instructors who hold a Bachelor’s degree and a professional occupational license (have already completed the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</i></p>				
<p><i>Occupational licensed instructors who hold a Bachelor’s degree and an apprentice occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must complete the application for Transitional License and must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</i></p>				

**STEM – SCIENCE, TECHNOLOGY,
ENGINEERING, & MATHEMATICS**

Abbreviation/Code

CTE

Endorsement/Employment Standards

Technological Issues (1)	Tech Iss	5918	STEM	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 . OR Occupational licensed instructor who holds a bachelors degree OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 480, 481, 482 and 483 with successful completion of state approved training
<p>(1) <i>Instructors having the following endorsements must complete the state-approved training prior to teaching this course. Endorsements required are: 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461,480, 481, 482, 483) and any Occupational licensed teacher who holds a bachelors degree. Instructors are required to attend training only one time.</i></p>				
<p><i>* Occupational licensed instructors who hold a Bachelor’s degree and a professional occupational license (have already completed the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</i></p>				
<p><i>**Occupational licensed instructors who hold a Bachelor’s degree and an apprentice occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must complete the application for Transitional License and must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</i></p>				

**STEM – SCIENCE, TECHNOLOGY,
ENGINEERING, & MATHEMATICS**

Abbreviation/Code

CTE

Endorsement/Employment Standards

Advanced Technological Applications (1)	ATA	5919	STEM	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 . OR Occupational licensed instructor who holds a bachelors degree OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 480, 481, 482 and 483 with successful completion of state approved training
<p>(1) <i>Instructors having the following endorsements must complete the state-approved training prior to teaching this course. Endorsements required are: 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461,480, 481, 482, 483) and any Occupational licensed teacher who holds a bachelors degree. Instructors are required to attend training only one time.</i></p>				
<p><i>* Occupational licensed instructors who hold a Bachelor’s degree and a professional occupational license (have already completed the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</i></p>				
<p><i>** Occupational licensed instructors who hold a Bachelor’s degree and an apprentice occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must complete the application for Transitional License and must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</i></p>				

**STEM – SCIENCE, TECHNOLOGY,
ENGINEERING, & MATHEMATICS**

Abbreviation/Code

CTE

Endorsement/Employment Standards

Advanced Design Applications (1)	ADA	5920	STEM	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 , OR Occupational licensed instructor who holds a bachelors degree OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 480, 481, 482 and 483 with successful completion of state approved training
<p>(1) <i>Instructors having the following endorsements must complete the state-approved training prior to teaching this course. Endorsements required are: 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461,480, 481, 482, 483) and any Occupational licensed teacher who holds a bachelors degree. Instructors are required to attend training only one time.</i></p>				
<p><i>* Occupational licensed instructors who hold a Bachelor’s degree and a professional occupational license (have already completed the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</i></p>				
<p><i>**Occupational licensed instructors who hold a Bachelor’s degree and an apprentice occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must complete the application for Transitional License and must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</i></p>				

**STEM – SCIENCE, TECHNOLOGY,
ENGINEERING, & MATHEMATICS**

Abbreviation/Code

CTE

Endorsement/Employment Standards

Engineering Design (1)	Eng Des	5921	STEM	<p>070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 . OR Occupational licensed instructor who holds a bachelors degree OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 480, 481, 482 and 483 with successful completion of state approved training</p>
<p>(1) <i>Instructors having the following endorsements must complete the state-approved training prior to teaching this course. Endorsements required are: 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461,480, 481, 482, 483) and any Occupational licensed teacher who holds a bachelors degree. Instructors are required to attend training only one time.</i></p>				
<p><i>*Occupational licensed instructors who hold a Bachelor’s degree and a professional occupational license (have already completed the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</i></p>				
<p><i>** Occupational licensed instructors who hold a Bachelor’s degree and an apprentice occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must complete the application for Transitional License and must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</i></p>				

**STEM – SCIENCE, TECHNOLOGY,
ENGINEERING, & MATHEMATICS**

Abbreviation/Code

CTE

Endorsement/Employment Standards

<p>Problems and Solutions in Technology (1)</p>	<p>PST</p>	<p>5914</p>	<p>STEM</p>	<p>070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 , OR Occupational licensed instructor who holds a bachelors degree OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 480, 481, 482 and 483 with successful completion of state approved training</p>
<p>(1) <i>Instructors having the following endorsements must complete the state-approved training prior to teaching this course. Endorsements required are: 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461,480, 481, 482, 483) and any Occupational licensed teacher who holds a bachelors degree. Instructors are required to attend training only one time.</i></p>				
<p><i>*Occupational licensed instructors who hold a Bachelor’s degree and a professional occupational license (have already completed the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</i></p>				
<p><i>** Occupational licensed instructors who hold a Bachelor’s degree and an apprentice occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must complete the application for Transitional License and must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</i></p>				

**STEM – SCIENCE, TECHNOLOGY,
ENGINEERING, & MATHEMATICS**

Abbreviation/Code

CTE

Endorsement/Employment Standards

Technological Design (1)	Tech Des	5885	STEM	230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, 477, OR Occupational licensed instructor who holds a Bachelor's degree OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 480, 481, 482, 483 with successful completion of state-approved training
<p>(1) <i>Instructors having the following endorsements must complete the state-approved, training prior to teaching this course. Endorsements required are: 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 480, 481, 482, 483) and any Occupational licensed teacher who holds a bachelors degree. Instructors are required to attend training only one time.</i></p>				
<p><i>*Occupational licensed instructors who hold a Bachelor's degree and a professional occupational license (have already completed the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</i></p>				
<p><i>** Occupational licensed instructors who hold a Bachelor's degree and an apprentice occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must complete the application for Transitional License and must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</i></p>				

**STEM – SCIENCE, TECHNOLOGY,
ENGINEERING, & MATHEMATICS**

Abbreviation/Code

CTE

Endorsement/Employment Standards

Principles of Engineering (1)	Prin Eng	5924	STEM	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 , OR Occupational licensed instructor who holds a bachelors degree OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 480, 481, 482 and 483 with successful completion of state approved training OR 531, 551, 552, 553, 575, 582, 596
<p>(1) <i>Instructors having the following endorsements must complete the state-approved training prior to teaching this course. Endorsements required are: 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461,480, 481, 482, 483) and any Occupational licensed teacher who holds a bachelors degree. Instructors are required to attend training only one time.</i></p>				
<p><i>*Occupational licensed instructors who hold a Bachelor’s degree and a professional occupational license (have already completed the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</i></p>				
<p><i>** Occupational licensed instructors who hold a Bachelor’s degree and an apprentice occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, training prior to teaching this course, must complete the application for Transitional License and must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</i></p>				

**STEM – SCIENCE, TECHNOLOGY,
ENGINEERING, & MATHEMATICS**

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Principles of Engineering (PLTW)	POE	6052	STEM	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, 477 OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482, 483 with successful completion of PLTW Certification OR Occupational licensed instructor with successful completion of PLTW Certification
Digital Electronics (PLTW)	DE	6053	STEM	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, 477 OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482, 483 with successful completion of PLTW Certification OR Occupational licensed instructor with successful completion of PLTW Certification

**STEM – SCIENCE, TECHNOLOGY,
ENGINEERING, & MATHEMATICS**

Abbreviation/Code

CTE

Endorsement/Employment Standards

Introduction to Engineering Design (PLTW)	IED	6054	STEM	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, 477 OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482, 483 with successful completion of PLTW Certification OR Occupational licensed instructor with successful completion of PLTW Certification
Computer Integrated Manufacturing (PLTW)	CIM	6055	STEM	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, 477 OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482, 483 with successful completion of PLTW Certification OR Occupational licensed instructor with successful completion of PLTW Certification

**STEM – SCIENCE, TECHNOLOGY,
ENGINEERING, & MATHEMATICS**

Abbreviation/Code

CTE

Endorsement/Employment Standards

Civil Engineering and Architecture (PLTW)	CEA	6056	STEM	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482, 483 with successful completion of PLTW Certification OR Occupational licensed instructor with successful completion of PLTW Certification
Aerospace Engineering (PLTW)	AE	6057	STEM	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, 477 OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482, 483 with successful completion of PLTW Certification OR Occupational licensed instructor with successful completion of PLTW Certification

STEM – SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS

Abbreviation/Code

CTE

Endorsement/Employment Standards

Biotechnical Engineering (PLTW)	BE	6058	STEM	070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044
---------------------------------	----	------	------	--

			<p>and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, 477 OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482, 483 with successful completion of PLTW Certification OR Occupational licensed instructor with successful completion of PLTW Certification Engineering</p>
<p>Design and Development (PLTW) Capstone Course</p>	<p>EDD</p>	<p>6059 STEM</p>	<p>070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, 477 OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 480, 481, 482, 483 with successful completion of PLTW Certification OR Occupational licensed instructor with successful completion of PLTW Certification</p>

**STEM – SCIENCE, TECHNOLOGY,
ENGINEERING, & MATHEMATICS**

Abbreviation/Code

CTE

Endorsement/Employment Standards

<p>Special Course – Science, Technology, Engineering & Mathematics (1) (2)</p>	<p>Spec Crs (2)</p>	<p>STEM</p>	<p>070, 230, 231, 232, 233, (042 and 043), (042 and 044), (042 and 045), (042 and 046), (042 and 047), (042 and 077), (042 and 078), (042 and 079), (043 and 044), (043 and 045), (043 and 046), (043 and 047), (043 and 077), (043 and 078), (043 and 079), (044 and 045), (044 and 046), (044 and 047), (044 and 077), (044 and 078), (044 and 079), (045 and 046), (045 and 047), (045 and 077), (045 and 078), (045 and 079), (046 and 047), (046 and 077), (046 and 078), (046 and 079), (047 and 077), (047 and 078), (047 and 079), (077 and 078), (077 and 079), (078 and 079), 470, and 477 . OR Occupational licensed instructor who holds a bachelors degree OR 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 480, 481, 482, and 483 with successful completion of state approved training</p>
<p>(1) <i>Instructors having the following endorsements must complete the state approved training prior to teaching this course. Endorsements required are: 007, 013, 014, 015, 016, 017, 018, 081, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461,480, 481, 482 and 483) and any Occupational licensed teacher who holds a bachelors degree. Instructors are required to attend training only one time.</i></p>			
<p><i>*Occupational licensed instructors who hold a Bachelor’s degree and a professional occupational license (have already completed the 18 semester hours for certification) must complete the state approved training prior to teaching this course, must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.</i></p>			
<p><i>** Occupational licensed instructors who hold a Bachelor’s degree and an apprentice occupational license (are in the process of completing the 18 semester hours for certification) must complete the state approved training prior to teaching this course, must complete the application for Transitional License and must pass the Praxis Specialty in Technology Education (0051) Examination with a qualifying score of 156 prior to completing their 18 hours, and must pass the Praxis in Teaching and Learning prior to completing their 18 hours to teach this course.</i></p>			
<p>(2) <i>Prior approval of special courses by the Division of Career and Technical Education is required.</i></p>			

WBL – WORK-BASED LEARNING

Abbreviation/Code

CTE

Endorsement/Employment Standards

Work-Based Learning: CTE Subjects (1)

WBL

6105

WBL

Any CTE endorsement

(1) *Teachers who supervise this experience must hold proper endorsement and have completed the state approved training or the state approved course equivalent. This code may be used to schedule a supervision period for teachers, in addition to awarding credit for students meeting expectations for work-based learning instruction.*

CA – CONTEXTUAL ACADEMICS Abbreviation/Code Report as Course Code CTE Endorsement/Employment Standards

HQ - English IV (1)	Eng 12	6108	3005	CA	007, 407
HQ - Algebra I (1)	Alg 1	6109	3102	CA	013, 413
HQ - Algebra II (1)	Alg 2	6110	3103	CA	013, 413
HQ - Geometry (1)	Geom	6111	3108	CA	013, 413
HQ –Biology I (1)	Biol I	6112	3210	CA	015, 211, 415
<i>(1) Teachers who teach this course must hold proper endorsement and have attended the state-approved training. HQ for qualified teachers.</i>					
HQ - Principles of Technology I (2)	PTI	5886	5886	CA	016, 017, 212, 214, 414, 416, 417
<i>(2) Teachers who teach this course must hold proper endorsement and have attended the state-approved training. HQ for qualified teachers. This course satisfies one laboratory science credit required for graduation.</i>					
HQ - Principles of Technology II (3)	PTII	5887	5887	CA	016, 017, 212, 214, 414, 416, 417
<i>(3) Teachers who teach this course must hold proper endorsement and have attended the state-approved training for Principles of Technology I and for Principles of Technology II. HQ for qualified teachers. Principles of Technology II satisfies one science credit required for graduation. The completion of Principles of Technology I and II fulfills the requirement for a credit in Physics.</i>					

CTE – GENERAL CTE

Abbreviation/Code

CTE

Endorsement/Employment Standards

Career Management Success	Career Mgt	6022	CTE	Any Career and Technical endorsement
Jobs for Tennessee Graduates (1)	JTG	5976	CTE	Any Career and Technical Endorsement
<i>(1) Schools must coordinate with Jobs for America's Graduates to offer this course.</i>				
Career and Technical Education Transfer Credit	CTE TC	5884	CTE	N/A
Other Career and Technical	Tech Ctr	6103	CTE	N/A
Courses at Technology Centers (2)				
<i>(2) This code is to be used when scheduling students who are attending Technology Centers into courses for which they are to receive credit toward graduation and for which we do not have a unique code in the Correlation of Course Codes and Endorsement Codes. EXAMPLE: A student attending a Technology Center to take Principles of Welding for graduation credit should be scheduled as course code 6034. However, if our course code document does not list the Career and Technical course being taken for graduation credit, course code 6103 should be used in scheduling the student.</i>				
Special Course – Interdisciplinary	Spec Crs	(3)	CTE	Any Career and Technical Endorsement
<i>(3) Prior approval of special courses by the Division of Career and Technical Education is required.</i>				

International Baccalaureate (I.B.) Courses 9-12

Only schools that are recognized International Baccalaureate (I.B.) schools may use the I.B. course codes.

<u>LANGUAGE ARTS</u>	<u>Abbreviation/Code</u>	<u>Endorsement/Employment Standards</u>
IB Language B Ab Initio II SL	Lang B Ab Ini. II SL	3066 004, 404,496
IB Language B Ab Initio I SL	Lang B Ab Ini I SL	3065 004, 404,496
IB Language B I SL/HL	Lang B I SL/HL	3089 004, 404,496
IB Language B II SL/HL	Lang B 2 SL/HL	3096 004, 404,496
IB Language SSL	Lang SSL	3016 004, 404, 496
IB/AP Eng III	Eng III IB/AP	3011 007, 407
IB English III HL	Eng III HL	3004 007, 407
IB English IV HL	Eng IV HL	3006 007, 407
IB Theory of Knowledge I	Theo Know I	3079 009, 011, 021, 421, 013, 413, 017, 016, 015, 415, 414, 416, 417, 427, 007
IB Theory of Knowledge II	Theo Know II	3453 009, 011, 021, 421, 013, 413, 017, 016, 015, 415, 414, 416, 417, 427, 007
IB/AP English IV	Eng IV IB/AP	3483 007, 407
IB/AP English	Eng IB/AP	3485 007, 407
<u>WORLD LANGUAGE</u>	<u>Abbreviation/Code</u>	<u>Endorsement/Employment Standards</u>
IB Japanese III SL/HL	Japan III SL/HL	3095 004, 404,496
IB Japanese IV SL/HL	Japan IV SL/HL	3184 004, 404,496
IB Arabic IV SL/HL	Arabic IV SL/HL	3094 004, 404,496
IB Arabic III SL/HL	Arabic III SL/HL	3155 004, 404, 496
IB Chinese III SL/HL	Chin III SL/HL	3093 004, 404, 496
IB Chinese IV SL/HL	Chin IV SL/HL	3160 004, 404, 496
IB Russian III SL/HL	Russ SL/HL	3069 006, 406, 494
IB Russian IV SL/HL	Russ IV SL/HL	3159 006, 406, 494
IB/AP Latin III SL/HL	Latin III SL/HL	3086 010, 410, 493
IB Latin IV SL/HL	Latin IV SL/HL	3158 010, 410, 493
IB/AP German III SL/HL	Germ III SL/HL	3056 012, 412, 492
IB German IV SL/HL	Germ IV SL/HL	3157 012, 412, 492
IB/AP Spanish SL	Span IB/AP SL	3026 009, 409, 495
IB/AP Spanish HL	Span IB/AP HL	3029 009, 409, 495
IB Spanish IV SL/HL	Span IV SL/HL	3480 009, 409, 495
IB Spanish V SL/HL	Span V SL/HL	3154 009, 409, 495
IB/AP French SL	Fren IB/AP SL	3039 011, 411, 491
IB/AP French HL	Fren IB/AP HL	3049 011, 411, 491
IB French IV SL/HL	Fren IV HL/SL	3479 011, 411, 491
IB French V SL/HL	Fren V SL/HL	3156 011, 411, 491
IB Language B French Ab Initio I SL	Fren Ab Ini. I	3474 011, 411, 491
IB Language B French Ab Initio II SL	Fren Ab Ini. II	3475 011, 411, 491
IB Language B Spanish Ab Initio I SL	Span Ab Ini. I	3476 009, 409, 495
IB Language B Spanish Ab Initio II SL	Span Ab Ini. II	3477 009, 409, 495

<u>FINE ARTS</u>	<u>Abbreviation/Code</u>	<u>Endorsement/Employment Standards</u>
IB Theatre Arts II SL/HL	Th Art 2 SL/HL 3547	405
IB Theatre Arts I SL/HL	Th Art 1 SL/HL 3546	405
IB Visual Arts II HL	Vis Art 2 HL 3539	027, 427
IB Visual Arts I HL	Vis Art I HL 3538	027, 427
IB/AP Visual Arts I SL/HL	Vis Art I IB/AP SL/HL 3537	027, 427
IB/AP Visual Arts II SL/HL	Vis Art II IB/AP SL/HL 3486	027, 427
IB Film I SL/HL	Film I SL/HL 3513	405
IB Film II SL/HL	Film II SL/HL 3512	405
IB Music II SL/HL	Mus 2 SL/HL 3518	028, 029, 240, 241, 428, 429
IB Music	Mus IB 3508	028, 029, 240, 241, 428, 429
IB Visual Arts HL	Vis Art HL 3511	027, 427
IB Visual Arts SL-B	Vis Art SL-B 3510	027, 427
IB Visual Arts SL-A	Vis Art SL-A 3509	027, 427
IB Music I SL/HL	Mus I SL/HL 3454	028, 029, 240, 241, 428, 429
IB/AP Music	Mus IB/AP 3478	028, 029, 240, 241, 428, 429
IB Theatre Arts SL I	Th Art SL I 3487	405
IB Theatre Arts SL II	Th Art SL II 3488	405
IB Theatre Arts SL	Th Art SL 3482	405
IB World Arts and Cultures I SL	World Art C I SL 3437	021, 250, 421, 427
IB World Arts and Cultures II SL	World Art CII SL 3557	021, 250, 421, 427

<u>MATHEMATICS</u>	<u>Abbreviation/Code</u>	<u>Endorsement/Employment Standards</u>
IB Mathematics II SL/HL	Math 2 SL/HL 3106	013, 413
IB/AP Mathematics II	Math 2 IB/AP 3105	013, 413
IB/AP Mathematics I	Math 1 IB/AP 3104	013, 413
IB Mathematics I SL/HL	Math I SL/HL 3138	013, 413
IB Math Studies I SL	Math Stu I SL 3140	013, 413
IB Math Studies II SL	Math Stu 2 SL 3141	013, 413
IB Pre-Calculus	Pre cal IB 3137	013, 413
IB Computer Science I SL/HL	Comp Sci SL/HL 3109	Any Secondary Endorsement
IB Computer Science II SL/HL	Comp Sci SL/HL 3110	Any Secondary Endorsement

<u>COMPUTER TECHNOLOGY</u>	<u>Abbreviation/Code</u>	<u>Endorsement/Employment Standards</u>
IB Information Tech. in a Global Society I SL/HL	Inf Tech SL/HL 3695	Any secondary endorsement
IB Information Tech. in a Global Society II SL/HL	Inf Tech SL/HL 3696	Any secondary endorsement
IB Business and Management I SL/HL	Bus Manage 1 3472	474, 475, 476
IB Business and Management II SL/HL	Bus Manage 2 3473	474, 475, 476
<u>SCIENCE</u>	<u>Abbreviation/Code</u>	<u>Endorsement/Employment Standards</u>

IB Ecosystems and Society I SL	Ecosyst I SL	3451	015, 016, 017, 211, 214, 414, 415, 416, 417, 418, 081
IB Ecosystems and Society II SL	Ecosyst II SL	3281	015, 016, 017, 211, 214, 414, 415, 416, 417, 418, 081
IB Physics II SL/HL	Physics 2 SL/HL	3229	017, 214, 414, 417
IB Chemistry III SL/HL	Chem 3 SL/HL	3228	016, 212, 416
IB Biology II SL	Bio II ISL	3227	015, 211, 415
IB Chemistry IV SL/HL	Chem 4 SL/HL	3223	016, 212, 416
IB Biology III SL/HL	Biol III SL/HL	3218	015, 211, 415
IB Physics III SL/HL	Physics 3 SL/HL	3232	017, 214, 414, 417
IB Environmental Systems SL	Env Systems SL	3236	015, 016, 017, 211, 214, 414, 415, 416, 417, 418, 081
IB Biology II SL/HL	Biol II SL/HL	3215	015, 211, 415
IB Environmental Systems and Societies I SL	Env Systems Soc I SL	3466	015, 016, 017, 211, 214, 414, 415, 416, 417, 418, 081
IB Environmental Systems and Societies II SL	Env Systems Soc II SL	3282	015, 016, 017, 211, 214, 414, 415, 416, 417, 418, 081
IB/AP Biology II HL I	Biol II AP/IB HL	3467	015, 211, 415
IB/AP Chemistry II HL I	Chem 2 AP/IB, HL	3468	016, 212, 416
IB/AP Physics II HL I	Physics 2 AP/IB	3469	017, 214, 414, 417
IB Sports, Exercise, and Health Science	IB Sports EHS 1	3470	419, 577
IB Sports, Exercise, and Health Science	IB Sports EHS 2	3471	419, 577

SOCIAL STUDIES**Abbreviation/Code****Endorsement/Employment Standards**

IB Geography I SL	Geo I SL	3439	021, 250, 422
IB Geography II SL	Geo II SL	3283	021, 250, 422
IB Economics SL	Econ SL	3438	024, 250, 424, 471
IB Psychology II SL/HL	Psy II SL/HL	3436	080, 250, 426
IB Psychology I SL/HL	Psy I SL/HL	3434	080, 250, 426
IB/AP Psychology SL	Psy AP/IB SL	3455	080, 250, 426
IB History of the Americas I SL/HL	Hist Am SL/HL	3413	021, 250, 421
IB History of the Americas II SL/HL	Hist Amer SL/HL	3414	021, 250, 421
IB History of the Americas II HL	Hist Am II HL	3409	021, 250, 421
IB History of the Americas I HL	Hist Am I HL	3406	021, 250, 421
IB History, Route 2, Americas SL	Hist Am SL	3481	021, 250, 421
IB History, Route 2, Americas SL/HL I	Hist Am SL/HL	3457	021, 250, 421
IB History, Route 2, Americas HL II	Hist Am R2 HL	3458	021, 250, 421
IB/AP History, Route 2, Americas HL II	Hist IB/AP HL II	3459	021, 250, 421
IB History, Route 2, Europe HL I	Hist Eur R2 HL I	3460	021, 250, 421
IB History, Route 2, Europe HL II	Hist Eur R2 HL II	3461	021, 250, 421
IB History, Route 2, Europe SL/HL	Hist Eur R2 SL/HL I	3462	021, 250, 421
IB History, Route 1, Europe HL I	Hist Eur R1 HL I	3463	021, 250, 421
IB History, Route 1, Europe SL	Hist Eur R1 HL II	3464	021, 250, 421
IB History, Route 1, Europe SL/HL	Hist Eur R1 SL/HL	3465	021, 250, 421

Transfer Credit

When granting credit to students transferring in from out of state with credits that have no Tennessee course codes, the following generic subject area codes should be used. These codes will denote an elective credit granted out of state.

<u>LANGUAGE ARTS</u>	<u>Abbreviation/Code</u>		<u>Endorsement/Employment Standards</u>
English Transfer Credit	English TC	3908	N/A
<u>WORLD LANGUAGE</u>	<u>Abbreviation/Code</u>		<u>Endorsement/Employment Standards</u>
World Language Transfer Credit I	Wor Lang TC 1	3905	N/A
World Language Transfer Credit II	Wor Lang TC 2	3906	N/A
World Language Transfer Credit III	Wor Lang TC 3	3907	N/A
<u>FINE ARTS</u>	<u>Abbreviation/Code</u>		<u>Endorsement/Employment Standards</u>
Music Transfer Credit	Music TC	3901	N/A
Visual Art Transfer Credit	Visual TC	3902	N/A
Theatre Transfer Credit	Theatre TC	3903	N/A
Dance Transfer Credit	Dance TC	3904	N/A
<u>MATHEMATICS</u>	<u>Abbreviation/Code</u>		<u>Endorsement/Employment Standards</u>
Mathematics Transfer Credit	Math TC	3909	N/A
<u>SCIENCE</u>	<u>Abbreviation/Code</u>		<u>Endorsement/Employment Standards</u>
Science Transfer Credit	Science TC	3910	N/A
<u>SOCIAL STUDIES</u>	<u>Abbreviation/Code</u>		<u>Endorsement/Employment Standards</u>
Social Studies Transfer Credit	Social Studies TC	3911	N/A
<u>CAREER AND TECHNICAL EDUCATION</u>	<u>Abbreviation/Code</u>		<u>Endorsement/Employment Standards</u>
Career and Technical Education Transfer Credit	CTE TC	5884	N/A