

**CORRELATIONS OF COURSE CODES
AND
ENDORSEMENT CODES**

2009-2010 SCHOOL YEAR

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**Correlations of Course Codes and Endorsement Codes/Employment Standards
for the 2009-2010 School Year**

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 2009-2010 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, typewriting, instrumental music and vocal music, are excluded from class size limits in accordance with T.C.A. 49-1-104.**

5. Courses in *bold italic print within a double lined box* are Career and Technical funded courses.

6. CTE Column indicates the Career and Technical Education Program Classification, i.e. Agriculture A10, Health Science and Technology HS and Technology Preparation TP.
7. 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, Professional Occupational or Trade Shop License except where noted with regard to selected Trade and Industrial Education Courses.
15. A person holding an Apprentice Occupational, Professional Occupational or Trade Shop License may not cross over and teach any sections of a course requiring an endorsement included on an Apprentice or Professional License.
16. Trade and Industrial 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, Professional Occupational and Trade Shop 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 Correlations 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. A list of endorsement codes and titles is included in the document.
27. Questions concerning Employment Standards or Course Codes should be addressed to the Office of School Approval.
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.

ELEMENTARY GRADES PK-8

<u>SUBJECT</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
ELEMENTARY PRINCIPAL			
Office & Administration (School with Grades PRE-K-3 and 225 or more students)	Adm	9503	091, 109, 480, 481, 482, 483
Office & Administration (School with Grades K-8 and 225 or more students)	Adm	9501	091, 109, 480, 481, 482, 483
Office & Administration (School with PRE-K Program with Grades K-8 and 225 or more students)	Adm	9502	091, 109, 480, 481, 482, 483
Office and Administration (School with Grades 6, 7 & 8 and 225 or more students)	Adm	9508	091, 092, 109, 110, 480, 481, 482, 483
Office and Administration (School with PRE-K Program with Grades 6, 7, & 8 and 225 or more students)	Adm	9509	091, 092, 109, 110, 480, 481, 482, 483
Office & Administration (School with Grades K-8 and 224 or less students)	Adm	9521	091, 092, 109, 110, 480, 481, 482, 483 or any elementary endorsement
Office & Administration (School with Grades PRE-K-3 and 224 or less students)	Adm	9504	091, 109, 480, 481, 482, 483 or any early childhood or elementary endorsement
Office & Administration (School with PRE-K Program with Grades K-8 and 224 or less students)	Adm	9522	091, 109, 480, 481, 482, 483 or any elementary endorsement
Office & Administration (School with Grades 6, 7 & 8 and 224 or less students)	Adm	9528	091, 092, 109, 110, 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	091, 092, 109, 110, 480, 481, 482, 483 or any elementary or secondary endorsement
ASSISTANT PRINCIPAL			
Office & Administration (Grades PRE-K-3)	Adm	9505	091, 109, 480, 481, 482, 483 or any early childhood or elementary endorsement
Office & Administration (Grades K-8)	Adm	9510	091, 109, 480, 481, 482, 483 or any elementary endorsement
Office & Administration (School with PRE-K Program with Grades K-8)	Adm	9511	091, 109, 480, 481, 482, 483 or any elementary endorsement
Office and Administration (Grades 6, 7 & 8)	Adm	9518	091, 092, 109, 110, 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	091, 092, 109, 110, 480, 481, 482, 483 or any elementary or secondary endorsement

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, 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 (K-3)	CTK3	9631	Any early childhood endorsement
Consulting Teacher/Instructional Facilitator(K-8)	CTK8	9632	Any elementary endorsement
Consulting Teacher/Instructional Facilitator (Grades 6, 7 & 8)	CT68	9633	Any elementary or secondary endorsement

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<u>Subject</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Title I Reading (Grades K-6)	Title I RK6	9621	002, 402, 403, 497, 001, 075, 101, 401, 486, 499, 440
<u>HQ</u> - Title I Reading (Grades K-8)	Title I RK8	9614	001, 075, 101, 401, 402, 486, 499, 440
<u>HQ</u> - Title I Reading (Grades 6, 7 & 8)	Title I R678	9625	001, 075, 076, 101, 400, 401, 402, 007, 407, 486, 499, 440
<u>HQ</u> - Title I Math (Grades K-6)	Title I MK6	9622	002, 402, 403, 497, 001, 101, 401, 486, 499, 440
<u>HQ</u> - Title I Math (Grades K-8)	Title I MK8	9615	001, 101, 401, 402, 499, 440
<u>HQ</u> - Title I Math (Grades 6, 7 & 8)	Title I M678	9626	001, 101, 400, 401, 402, 013, 413, 440, 499
<u>HQ</u> - Title I Language Arts (Grades K-6)	Title I LAK6	9623	002, 402, 403, 497, 001, 075, 101, 401, 499, 440
<u>HQ</u> - Title I Language Arts (Grades K-8)	Title I LAK8	9616	001, 075, 101, 401, 402, 499, 440
<u>HQ</u> - Title I Language Arts (Grades 6, 7 & 8)	Title I LA678	9627	001, 075, 076, 101, 400, 401, 402, 007, 407, 499, 440
<u>HQ</u> - Title I Reading/Language Arts/Math (Grades K-6)	Title I G K-6	9635	002, 402, 403, 497, 001, 101, 401, 486, 499, 440
<u>HQ</u> - Title I Reading/Language Arts/Math (Grades K-8)	Title I G K-8	9636	001, 101, 401, 402, 486, 499, 440
<u>HQ</u> - Title I Reading/Language Arts/Math (Grades 6,7,8)	Title I G 6,7,8	9637	001, 101, 400, 401, 402, 486, 499, 440
Athletic Coaching	At Co	9617	N/A
<u>HQ</u> - English as Second Language	ESL - Elem	9619	301, 490
Homeroom	HRM	9685	N/A

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<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. 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, 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>			

CTE - Career and Technical Education Program Classification

<u>SELF-CONTAINED MULTIAGE CLASSES</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
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HQ - Self-Contained Multiage 3-4-5

SCM345

0922

(1)

- (1) *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.*

HQ - Self-Contained Multiage 4-5-6

SCM456

0923

(2)

- (2) *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.*

HQ - Self-Contained Multiage 5-6-7

SCM567

0924

001, 101, 400, 401, 402, 499, 440

HQ - Self-Contained Multiage 6-7-8

SCM678

0925

001, 101, 400, 401, 402, 499, 440

CTE -- Career and Technical Education Program Classification

<u>MULTIAGE ART</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standard</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 Standard</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

CTE -- Career and Technical Education Program Classification

<u>MULTIAGE P.E.</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standard</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
<u>HQ</u> - 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

CTE -- Career and Technical Education Program Classification

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

CTE -- Career and Technical Education Program Classification

PRE-KINDERGARTEN	<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

USE THE ABOVE PRE-KINDERGARTEN COURSE CODES WHEN LESS THAN 50% OF STUDENTS ARE OPTION 7, 8, 9.

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
Chinese	Chinese	0067	002, 402, 403, 497, 301, 490, 496, 001, 004, 101, 401, 404, 499, 467, 468
<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

CTE -- Career and Technical Education Program Classification

<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.

CTE -- Career and Technical Education Program Classification

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
Chinese	Chinese	0166	001, 002, 101, 401, 402, 403, 497, 301, 490, 496, 004, 404, 499, 467
<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

CTE -- Career and Technical Education Program Classification

Physical Education, Art, Music and Computer Schedules

	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standarts</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.

CTE -- Career and Technical Education Program Classification

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
Chinese	Chinese	0266	001, 002, 101, 401, 402, 403, 497, 301, 490, 496, 004, 404, 499, 467
<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

CTE -- Career and Technical Education Program Classification

<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	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.

CTE -- Career and Technical Education Program Classification

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
Chinese	Chinese	0366	001, 002, 101, 401, 402, 403, 497, 301, 490, 496, 004, 404, 499, 467
<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

CTE -- Career and Technical Education Program Classification

<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	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

CTE -- Career and Technical Education Program Classification

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
Chinese	Chinese	0466	001, 101, 401, 402, 497, 301, 490, 496, 004, 404, 499, 440
<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

CTE -- Career and Technical Education Program Classification

<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.

CTE -- Career and Technical Education Program Classification

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
Chinese	Chinese	0566	001, 101, 400, 401, 402, 301, 490, 496, 004, 404, 499, 440
<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

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, 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	0535	TEE	001, 007, 013, 014, 015, 016, 017, 070, 081, 101, 105, 210, 211, 212, 213, 230, 231, 232, 233, 400, 401, 402, 407, 413, 440, 460, 461, 470, 477, 480, 499, (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)

(1) *Instructors who teach this course must hold proper endorsement and have completed the state-approved five-day training for courses prior to teaching the course. Instructors having the following endorsements must attend the training: (001, 007, 013, 014, 015, 016, 017, 018, 067, 069, 070, 101, 105, 211, 212, 214, 402, 407, 413, 460, 461, 470, 477 and 480). In addition, instructors having only endorsements 001, 007, 101, 105, 402, 407, 413, 414, 415, 416, 417, 477 and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.*

Any technology engineering education instructor who was technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.

CTE -- Career and Technical Education Program Classification

FIFTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standard</u>
Family/Consumer Sciences (formerly Home Ec)	Fam&ConSC 0540		001, 101, 400, 401, 402, 450, 050, 051, 499, 440
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

CTE -- Career and Technical Education Program Classification

FIFTH GRADE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standard</u>
<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

CTE -- Career and Technical Education Program Classification

Physical Education, Art, Music and Computer Schedules

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.

CTE -- Career and Technical Education Program Classification

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
Chinese	Chinese	0666	001, 101, 400, 401, 402, 004, 301, 404, 490, 496, 499, 440
<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	0635	TEE 001, 007, 013, 014, 015, 016, 017, 070, 081, 101, 105, 210, 211, 212, 213, 230, 231, 232, 233, 400, 401, 402, 407, 413, 440, 460, 461, 470, 477, 480, 499, (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).

(1) *Instructors who teach this course must hold proper endorsement and have completed the state-approved five-day training for courses prior to teaching the course. Instructors having the following endorsements must attend the training: (001, 007, 013, 014, 015, 016, 017, 018, 070, 101, 105, 211, 212, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 470, 477 and 480). In addition, instructors having only endorsements 001, 007, 013, 014, 015, 016, 017, 101, 105, 211, 212, 214, 407, 413, 414, 415, 416, 417, 477 and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.*

Any technology engineering education instructor who was technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.

CTE -- Career and Technical Education Program Classification

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
<i>HQ - Multi-Age Instrumental Music (Band/Orchestra)</i>	<i>MAI Mus</i>	<i>0971</i>	<i>029, 241, 429</i>
<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
Family and Consumer Sciences (formerly Home Economics)	Fam & Con Sc	0640	001, 101, 400, 401, 402, 050, 051, 450, 499, 440
Creative Dramatics	Creat Dra	0650	001, 101, 400, 401, 402, 499, 440, 405
Dance	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
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

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, 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

CTE -- Career and Technical Education Program Classification

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
Chinese	Chinese	0766	001, 101, 400, 401, 402, 004, 301, 404, 490, 496, 440
<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

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, 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
Family and Consumer Sciences	Fam & Con Sc	0740	001, 050, 051, 101, 400, 401, 402, 450, 440
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
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
<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
<u>HQ</u> – Art (Minor Portion)	Art Minor	0759	027, 427

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, 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>
<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.

CTE -- Career and Technical Education Program Classification

SEVENTH GRADE

Abbreviation/Code

CTE

Endorsement/Employment Standards

Inventions and Innovations (1)

I and I

0735

TEE

001, 007, 013, 014, 015, 016, 017, 070, 081, 101, 105, 210, 211, 212, 213, 230, 231, 232, 233, 400, 401, 402, 407, 413, 440, 460, 461, 470, 477, 480, (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)
See notes below.

(1) Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: (001, 007, 013, 014, 015, 016, 017, 081, 101, 105, 210, 211, 212, 213, 400, 401, 402, 407, 413, 440, 460, 461, 477 and 480. In addition, instructors having only endorsements 001, 007, 101, 105, 402, 407, 413, 414, 415, 416, 417, 477 and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.

Any technology engineering education instructor who was teaching technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.

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CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

SEVENTH GRADE

Abbreviation/Code

CTE

Endorsement/Employment Standards

Gateway to Technology 1 (1)

GAT1

0736

TEE

001, 007, 013, 014, 015, 016, 017, 070, 081, 101, 105, 210, 211, 212, 213, 230, 231, 232, 233, 400, 401, 402, 407, 413, 440, 460, 461, 470, 477, 480, (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) and Attend the Project Lead the Way Training. See notes below.

(1) Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: (001, 007, 013, 014, 015, 016, 017, 081, 101, 105, 210, 211, 212, 213, 400, 401, 402, 407, 413, 440, 460, 461, 477 and 480. In addition, instructors having only endorsements 001, 007, 101, 105, 402, 407, 413, 414, 415, 416, 417, 477 and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.

Any technology engineering education instructor who was teaching technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

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
Chinese	Chinese	0866	001, 101, 400, 401, 402, 004, 301, 404, 490, 496, 440
<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
<u>HQ - Vocal Music (Chorus/Choir)</u>	V Mus	0827	028, 240, 428
<i>HQ - Instrumental Music (Band/Orchestra) I Mus 0828 029, 241, 429</i>			
<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

CTE -- Career and Technical Education Program Classification

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

EIGHTH GRADE	Abbreviation/Code	CTE	Endorsement/Employment Standards
Subject codes for Self-Contained/Departmentalized Schedules			
Multi-Age Middle Grades Exploratory	MA MGE	0982	001, 101, 400, 401, 402, 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, 499, 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
Family and Consumer Sciences	Fam & Con Sc	0840	001, 050, 051, 101, 400, 401, 402, 450, 440
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
Keyboarding/Document Formatting	KeyDocFor	0812	031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436, 474, 475
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
<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
<u>HQ</u> – Art (Minor Portion)	Art Minor	0859	027, 427

CTE -- Career and Technical Education Program Classification

Courses and assignments shaded in gray are excluded from the Preliminary School Report and the courses, such as, typewriting, 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.

CTE -- Career and Technical Education Program Classification

EIGHTH GRADE

<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<i>Technological Systems (1)</i>	<i>TechSys</i>	<i>0835</i>
	<i>TEE</i>	<p><i>001, 007, 013, 014, 015, 016, 017, 070, 081, 101, 105, 210, 211, 212, 213, 230,231, 232, 233, 400, 401, 402, 407, 413, 440, 460, 461, 470, 477, 480, (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)</i> <i>See notes below.</i></p>
<p><i>(1) Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: 001, 007, 013, 014, 015, 016, 017, 081, 101, 105, 210, 211, 212, 213, 400, 401, 402, 407, 413, 440, 460, 461, 477 and 480. In addition, instructors having only endorsements 001, 007, 101, 105, 402, 407, 413, 414, 415, 416, 417, 477 and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.</i></p> <p><i>Any technology engineering education instructor who was teaching technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.</i></p>		

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CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

EIGHTH GRADE	Abbreviation/Code	0836	CTE	Endorsement/Employment Standards
<i>Gateway to Technology 2(1)</i>	GAT2	0836	TEE	<p>001, 007, 013, 014, 015, 016, 017, 070, 081, 101, 105, 210, 211, 212, 213, 230,231, 232, 233, 400, 401, 402, 407, 413, 440, 460, 461, 470, 477, 480, (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) and attend the Project Lead the Way Training.</p> <p>See the notes below.</p>
<p><i>(1) Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: 001, 007, 013, 014, 015, 016, 017, 081, 101, 105, 210, 211, 212, 213, 400, 401, 402, 407, 413, 440, 460, 461, 477 and 480. In addition, instructors having only endorsements 001, 007, 101, 105, 402, 407, 413, 414, 415, 416, 417, 477 and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.</i></p>				
<p><i>Any technology engineering education instructor who was teaching technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.</i></p>				

CTE -- Career and Technical Education Program Classification

Courses in *bold italic print within a double lined box* are Career and Technical Education funded courses.

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
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
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	002, 066, 067, 068, 069, 105, 402, 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.*

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	Int Gift	9446	(1)
Intellectually Gifted Program Grades 4-6	Int Gift	9447	(1)
Intellectually Gifted Program Grades 7-12	Int Gift	9448	(1)

(1) 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	PK Lang	9465	068, 105, 458, 459, 460, 461, 464, 465, 468, 498

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 (Cooperative Methodology)/ Co-op Supervision Periods (2)		9498	063, 064, 065, 066, 067, 068, 069, 105, 108, 458, 460, 461, 462, 463, 464, 465, 466, 468, 469, 498
<p>(2) <i>The credit for Cooperative Methodology is awarded in the appropriate related academic or Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i></p>			
Special Course		Sp Crs	(3)
<p>(3) <i>Prior approval of special course by the Special Education Division is required.</i></p>			

SECONDARY GRADES 9-12

<u>SUBJECT</u>	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
PRINCIPAL				
Office & Administration (Schools with grades 9-12 and 225 or more students)	Adm	9201		092, 110, 480, 481, 482, 483
Office & Administration (School with PRE-K Program with grades 9-12 and 225 or more students)	Adm	9202		092, 110, 480, 481, 482, 483
Office & Administration (School with grades 9-12 and 224 or less students)	Adm	9221		092, 110, 480, 481, 482, 483, 477 or any secondary endorsement
Office & Administration (School with PRE-K Program with grades 9-12 and 224 or less students)	Adm	9222		092, 110, 480, 481, 482, 483, 477 or any secondary endorsement

<u>ASSISTANT PRINCIPAL</u>	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Office & Administration	Adm	9210		092, 110, 480, 481, 482, 483, 477 or any secondary endorsement
Office & Administration (School with PRE-K Program)	Adm	9211		092, 110, 480, 481, 482, 483, 477 or any secondary endorsement

CAREER AND TECHNICAL EDUCATION SUPERVISION

Career and Technical Ed. Supervisory Positions	Voc Ed	9220	(1)	
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(1) *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."*

CTE -- Career and Technical Education Program Classification

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

SPECIALIZED ASSIGNMENTS Standards	Abbreviation/Code	Report as Course Code	CTE	Endorsement/Employment
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
HQ - Secondary Title I (Language Arts)	Sec Title I LA	9311		007, 076, 407
HQ - 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
<i>(1) 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	Univ/Voc Rehab	9392		N/A
Other Career and Technical Courses at Technology Centers (2)	Tech Ctr	9393	VOCM	N/A

(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 Correlations 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 5786. However, if our course code document does not list the Career and Technical course being taken for graduation credit, course code 9393 should be used in scheduling the student.

CTE -- Career and Technical Education Program Classification

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SPECIALIZED ASSIGNMENTS

Abbreviation/Code

Report as Course Code **CTE**

Endorsement/Employment Standards

***Career and Technical Work Based Learning/
Supervision Periods (1)***

WB

9397

VOCM

***Any Career and Technical endorsement,
excluding occupational endorsements***

(1)The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent. This code is to be used on a limited basis to accommodate the scheduling of the Work Based Learning Supervision Period for students from multiple Career and Technical program areas. If the students are grouped by a single Career and Technical program area, the Work Based Learning Supervision Period code for that area should be used. Health Science students may be supervised only by an instructor endorsed in Health Science Education Trade and Industrial Education students may be supervised only by an instructor endorsed in one of the trade areas.

***Academic Work Based Learning/
Supervision Periods (2)***

WB

9398

VOCM

***Any secondary endorsement,
excluding Career and Technical
endorsements***

(2)The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state approved 40-hour training and internship or the state-approved course equivalent. This code is to be used on a limited basis to accommodate the scheduling of the Work Based Learning Supervision Period for students from multiple academic instructional areas. If the students are grouped by a single academic instructional area, the Cooperative Methodology Supervision Period code for that area should be used.

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

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 III I.B.	Eng III I.B.	(1)		007, 407
<i>(1) Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.</i>				
<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
<u>HQ</u> - English IV I.B.	Eng IV I.B.	(2)		007, 407
<i>(2) Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.</i>				
<u>HQ – English IV (3)</u>	Eng 12	30052	3005	CA 007, 407
<i>(3) Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training.</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> - 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> - 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
CTE -- Career and Technical Education Program Classification				

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

LANGUAGE ARTS	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Spanish I I.B. (1) <i>Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.</i>	Span I I.B.	(1)		009, 409, 495
<u>HQ</u> - Spanish II I.B. (2) <i>Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.</i>	Span 2 I.B.	(2)		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> - 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
<u>HQ</u> - French I I.B. (3) <i>Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.</i>	French I I.B.	(3)		011, 411, 491
<u>HQ</u> - French II I.B. (4) <i>Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.</i>	French 2 I.B.	(4)		011, 411, 491
<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

CTE -- Career and Technical Education Program Classification

LANGUAGE ARTS	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
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, 496
Japanese II	Japan 2	3072		004, 404, 496
Japanese III	Japan 3	3073		004, 404, 496
Japanese IV	Japan 4	3074		004, 404, 496
Japanese III/IV	Japan 3/4	3087		004, 404, 496
Japanese II/III	Japan 2/3	3088		004, 404, 496
Chinese (Mandarin) I	Chin I	3091		004, 404, 496
Chinese (Mandarin) II	Chin II	3092		004, 404, 496
Chinese (Mandarin) III	Chin III	3142		004, 404, 496
Chinese (Mandarin) IV	Chin IV	3143		004, 404, 496
Chinese (Mandarin) II/III	Chin 2/3	3144		004, 404, 496
<u>HQ</u> - English As Second Language	ESL	3075		301, 490
<u>HQ</u> - Gateway English(1)	GW Eng	3080		007, 407
<i>(1) 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.</i>				
<u>HQ</u> - Content Area Reading (2)	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
<i>(2) Elective credit only</i>				
Technology Based Intervention	Tech Based Int	3645	(3) and (4)	
<i>(3) Documentation of technology qualifications/training of instructor must be submitted with the Special Course Approval request</i>				
<i>(4) Documentation of subject-endorsed consulting teacher must be submitted with the Special Course Approval request.</i>				

LANGUAGE ARTS	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Theory of Knowledge I.B.	Theo Know I.B.	(5)		004, 006, 007, 009, 010, 011, 012, 013, 015, 016, 017, 021, 023, 024, 025, 080, 081, 211, 212, 213, 214, 250, 404, 406, 407, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 421, 423, 424, 425, 426, 491, 492, 493, 494, 495, 496

(5) Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.

<i>Work Based Learning/Supervision Periods</i>	<i>WB (1)</i>	<i>3098</i>	<i>VOCM</i>	<i>004, 006, 007, 008, 009, 010, 011, 012, 301, 404, 406, 407, 408, 409, 410, 411, 412, 490, 491, 492, 493, 494, 495, 496</i>
<i>(1) The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i>				

HQ - Special Course -- Language Arts Spec Crs (2)
 (2) Prior approval of special courses by the Division of Accountability, Teaching and Learning is required.

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

FINE ARTS	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<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> - Music I.B.	Music I.B.	(1)		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> - Art Design I.B.	Art Des	(2)		027, 427
<u>HQ</u> - Music History	Mus Hist	3517		028, 029, 240, 241, 428, 429
Theatre Arts I.B.	Th Arts I.B.	(3)		405
(1) (2) (3)	<i>Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.</i>			
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

CTE-Career and Technical Education Program Classification

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 I	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

CTE-Career and Technical Education Program Classification

FINE ARTS	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ - Instrumental Music</u>	In Mus	3530		029, 241, 429
<u>HQ - Multi-Age Instrumental Music (Band/Orchestra)</u> (For Grades 6-12)	MAI Mus	0996		029, 241, 429
<u>HQ - Vocal Music</u>	V Mus	3531		028, 240, 428
<u>HQ - Multi-Age Vocal Music (Chorus/Choir)</u> (For Grades 6-12)	MAV Mus	0995		028, 240, 428
<u>HQ - Advanced Placement Studio Art- Drawing Portfolio</u>	AP St Art-Draw	3533		027, 427
<u>HQ - Advanced Placement History of Art</u>	AP Hist of Art	3534		027, 427
<u>HQ - Advanced Placement Music Theory</u>	AP Mus Tho	3535		028, 029, 240, 241, 428, 429
<u>HQ - Advanced Placement Studio Art - 3D Design</u>	AP St Art 3D	3544		027, 427
<u>HQ - Advanced Placement Studio Art - 2D Design</u>	AP St Art 2D	3545		027, 427

Work Based Learning/Supervision Periods (1) ***WB*** ***3598*** ***VOCM*** ***027, 028, 029, 240, 241, 405, 427, 428, 429, 445***

(1) The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

HQ - Special Course-Visual Arts Spec Crs (2)
 (2) *Prior approval of special courses by the Division of Accountability, Teaching and Learning is required.*

HQ - Special Course-Music Spec Crs (3)
 (3) *Prior approval of special courses by the Division of Accountability, Teaching and Learning is required.*

HQ -Special Course-Theatre Arts Spec Crs (4)
 (4) *Prior approval of special courses by the Division of Accountability, Teaching and Learning is required.*

CTE Career and Technical Education Program Classification

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

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

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) <i>(1) 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>	Alg 1 A	31023	31023	013, 413, 001
<u>HQ</u> - Algebra I B (2) <i>(2) 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>	Alg 1 B	31024	3102	013, 413, 001
<u>HQ</u> - Algebra I A - SPED (3) <i>(3) 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.</i>	Alg 1 A SE	31025	31025	460, 461, 105, 067, 063, 463, 064, 065, 108, 462
<u>HQ</u> - Algebra I B - SPED (4) <i>(4) 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.</i>	Alg 1 B SE	31026	3102	460, 461, 105, 067, 063, 463, 064, 065, 108, 462
<u>HQ</u> - Algebra II	Alg 2	3103		013, 413
<u>HQ</u> - Algebra II A (5)	Alg 2 A	31033	31033	013, 413
<u>HQ</u> - Algebra II B (6) <i>(5) (6) 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 A (7) <i>(7) 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>	Geom A	31083	31083	013, 413

MATHEMATICS	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> – Geometry B (8) <i>(8) 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>	Geom B	31084	3108	013, 413
<u>HQ</u> – Geometry A SPED (9) <i>(9) 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.</i>	Geom A SE	31085	31085	460, 461, 105, 067, 063, 463, 064, 065, 108 462
<u>HQ</u> – Geometry B SPED (10) <i>(10) 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.</i>	Geom B SE	31086	3108	460, 461, 105, 067, 063, 463, 064, 065, 108 462
<u>HQ</u> - Calculus	Calc	3113		013, 413
<u>HQ - Algebra I (2)</u> <i>(2) Teachers who teach this course must hold proper endorsement <u>and</u> have attended state-approved, five-day training.</i>	<u>Alg 1</u>	<u>31022</u>	<u>3102</u>	<u>CA</u> <u>013, 413</u>
<u>HQ - Geometry (3)</u> <i>(3) Teachers who teach this course must hold proper endorsement <u>and</u> have attended state-approved, five day training.</i>	<u>Geom</u>	<u>31082</u>	<u>3108</u>	<u>CA</u> <u>013, 413</u>
<u>HQ</u> - Advanced Algebra and Trigonometry	Alg/Trig	3124		013, 413
<u>HQ</u> - PreCalculus	P-Calc	3126		013, 413
<u>HQ</u> - Advanced Placement Calculus AB	AP Calc AB	3127		013, 413
<u>HQ</u> – Advanced Placement Calculus AB/BC	AP Calc AB/BC	3139		013, 413
<u>HQ</u> - Advanced Placement Calculus BC	AP Calc BC	3128		013, 413
<u>HQ</u> - Advanced Placement Statistics	AP Stat	3129		013, 413
<u>HQ</u> - Foundations I	Found 1	3130		013, 413, 001
<u>HQ</u> - Foundations II	Found 2	3131		013, 413, 001
<u>HQ</u> - Integrated Mathematics I	Int Math 1	3132		013, 413, 001
<u>HQ</u> - Integrated Mathematics II	Int Math 2	3133		013, 413
<u>HQ</u> - Integrated Mathematics III	Int Math 3	3134		013, 413

MATHEMATICS

	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<i>HQ</i> - Discrete Mathematics w/ Statistics and Probability	Disc Math	3135		013, 413
<i>HQ</i> - Statistics	Stat	3136		013, 413

CTE -- Career and Technical Education Program Classification

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MATHEMATICS	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Pre-Calculus I.B.	Pre-Cal I.B. (1)			013, 413
<u>HQ</u> - Math Topics I.B.	Math Tpc I.B. (2)			013, 413
<u>HQ</u> - Math Studies I.B.	Math Stu I.B. (3)			013, 413
<u>HQ</u> - Math Methods I.B. (1) (2) (3) (4) <i>Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.</i>	Math Meth I.B. (4)			013, 413
<u>HQ</u> - Gateway Algebra (5) (5) <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> - Content Area Reading (6) (6) 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, 006, 494, 004, 404, 486, 496
Technology Based Intervention (7) <i>Documentation of technology qualifications/training of instructor must be submitted with the Special Course Approval request.</i> (8) <i>Documentation of subject-endorsed consulting teacher must be submitted with the Special Course Approval request.</i>	Tech Based Int 3645		(7) and (8)	
<u>HQ</u> - Theory of Knowledge I.B.	Theo Know I.B. (9)			004, 006, 007, 009, 010, 011, 012, 013, 015, 016, 017, 021, 023, 024, 025, 080, 081, 211, 212, 213, 214, 250, 404, 406, 407, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 421, 423, 424, 425, 426, 491, 492, 493, 494, 495, 496
(9) <i>Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.</i>				

CTE -- Career and Technical Education Program Classification

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MATHEMATICS	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
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<i>Work Based Learning/Supervision Periods (1)</i>	<i>WB</i>	<i>3198</i>		<i>VOCM 013, 413</i>
<p><i>(1) The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i></p>				

HQ - Special Course-Mathematics

Spec Crs (2)

(2) Prior approval of special courses by the Division of Accountability, Teaching and Learning is required.

CTE - Career and Technical Education Program Classification

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Research and Development	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Computer Applications	Comp Prod	3638		(1) or 037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 477

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

Teachers of Computer Technology, Grades 9-12

- (1) *A teacher of personal computing, computer productivity applications, and Interactive multimedia 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.*

Interactive Multimedia Presentations	Int Mul Pres	3639		(2) 031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 431, 432, 434, 435, 436, 474, 475, 477
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Rules, Regulations and Minimum Standards 0520-1-2-.03(8) states:

Teachers of Computer Technology, Grades 9-12

- (2) *A teacher of personal computing, computer productivity applications, and Interactive multimedia 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.*

Adventures in Computing	Ad Comp	3640		(3)
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Rules, Regulations and Minimum Standards 0520-1-2-.03(8) states:

Teachers of Computer Technology, Grades 9-12

- (3) *A teacher of BASIC and adventures in computing 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.*

Work Based Learning/Supervision Periods (4)	WB	3698		VOCM Any secondary endorsement
<i>Rules, Regulations and Minimum Standards 0520-1-2-.03(8) states:</i>				
<i>Teachers of Computer Technology, Grades 9-12</i>				
(4) <i>This credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i>				

Special Course-Computer Technology	Spec Crs			(5)
(5) <i>Prior approval of special courses by the Division of Accountability, Teaching and Learning is required.</i>				

CTE -- Career and Technical Education Program Classification

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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) <i>(1) Students will earn elective credit only for Biology 1 A. The science credit is awarded with the Biology I B course.</i>	Biol 1 A	32103	32103	015, 211, 415
<u>HQ</u> - Biology I B (2) <i>(2) Students will earn elective credit only for Biology 1 A. The science credit is awarded with the Biology I B course.</i>	Biol 1 B	32104	3210	015, 211, 415
<u>HQ</u> - Biology I A - SPED (3) <i>(3) 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.</i>	Biol 1 A SE	32105	32105	460, 461, 105, 067, 063, 463, 064, 065, 108, 462
<u>HQ</u> - Biology I B - SPED (4) <i>(4) 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.</i>	Biol 1 A SE	32106	3210	460, 461, 105, 067, 063, 463, 064, 065, 108, 462
<u>HQ</u> - Biology II	Biol 2	3216		015, 211, 415
<u>HQ</u> - Biology I I.B. <i>(5) Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.</i>	Biol 1 I.B.	(5)		015, 211, 415
<u>HQ</u> - Biology II I.B. <i>(6) Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.</i>	Biol 2 I.B.	(6)		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>	
<i>HQ –Biology I (7)</i> <i>(7) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training.</i>	<i>Biol I</i>	<i>32102</i>	<i>3210</i>	<i>CA</i>	<i>015, 211, 415</i>
<i>HQ - Principles of Technology I (8)</i> <i>(8) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. This course may substitute for one of the physical science credits required for graduation.</i>	<i>PTI</i>	<i>3220</i>	<i>3220</i>	<i>CA</i>	<i>016, 017, 212, 214, 414, 416, 417</i>
<i>HQ - Principles of Technology II (9)</i> <i>(9) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the Principles of Technology I state-approved, five-day training. This course satisfies one science credit required for graduation. The completion of Principles of Technology I and II is equivalent to Physics I.</i>	<i>PTII</i>	<i>3256</i>	<i>3220</i>	<i>CA</i>	<i>016, 017, 212, 214, 414, 416, 417</i>

CTE -- Career and Technical Education Program Classification

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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 (1) <i>(1) 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 (2) <i>(2) 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
<u>HQ</u> - Physics 1 A (3) <i>(3) 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
<u>HQ</u> - Physics 1 B (4) <i>(4) 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
<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 Electro, Mechanics	AP PC Ele Mec	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, 001

SCIENCE

Abbreviation/Code

Report as Course Code

CTE

Endorsement/Employment Standards

HQ - Nutrition Science (2)

Nutri Sci

3261

FCS

015, 016, 211, 212, 415, 416

(2) Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training. Use this course code to schedule the Biology or Chemistry team teaching instructor. This course satisfies 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) required for graduation. The team teachers should be assigned to the same group of Nutrition Science students.

HQ - Gateway Biology (3)

GW Biol

3280

015, 211, 415

(3) 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.

HQ - Scientific Research

SciRes

3295

015, 016, 017, 081, 211, 212, 213, 214, 414, 415, 416, 417, 418

CTE -- Career and Technical Education Program Classification

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SCIENCE	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>HQ</u> - Content Area Reading (1) (1) <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 (2) <i>Documentation of technology qualifications/training of instructor must be submitted with the Special Course Approval request.</i> (3) <i>Documentation of subject-endorsed consulting teacher must be submitted with the Special Course Approval request.</i>		3645		(2) and (3)
Theory of Knowledge I.B.	TheoKnow I.B.	(4)		004, 006, 007, 009, 010, 011, 012, 013, 015, 016, 017, 021, 023, 024, 025, 080, 081, 211, 212, 213, 214, 250, 404, 406, 407, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 421, 423, 424, 425, 426, 491, 492, 493, 494, 495, 496
(4) <i>Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.</i>				

Work Based Learning/Supervision Period(5) **WB** **3298** **VOCM 015, 016, 017, 081, 211, 212, 213, 214, 414, 415, 416, 417, 418**

(5) *The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.*

HQ - Special Course--Science Spec Crs (6)
(6) *Prior approval of special courses by the Division of Accountability, Teaching and Learning is required.*

CTE - Career and Technical Education Program Classification

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SCIENCE

Abbreviation/Code

Report as Course Code CTE

Endorsement/Employment Standards

<p>HQ – Agriscience(1)</p> <p>(1) <i>Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40hour training or pass a state-approved Methods/ Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may satisfy one credit of life science laboratory credit required for graduation.</i></p>	<p>Agrisc</p>	<p>5121</p>	<p>A10</p>	<p><i>(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), (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></p>
<p>HQ – Agriscience (3)</p> <p>(3) <i>Teachers who teach this course must be properly endorsed and have attended the state-approved, five day/40 hour training or pass a state-approved Methods/ Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may satisfy one credit of life Science laboratory credit required for graduation.</i></p>	<p>Agrisc</p>	<p>5171</p>	<p>A12</p>	<p><i>(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), (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></p>

CTE -- Career and Technical Education Program Classification

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SCIENCE	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<i>HQ - Anatomy and Physiology (1)</i> <i>(1) This course may satisfy one of the science credits required for graduation.</i>	<i>Phys</i>	<i>5509</i>	<i>HS</i>	<i>577</i>
<i>HQ - Nutrition Science (2)</i> <i>(2) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this code to schedule one person who is endorsed in both Home Economics/Family and Consumer Sciences and Biology or Chemistry and is not team teaching the course. This course satisfies 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) required for graduation.</i>	<i>Nutr Sci</i>	<i>5615</i>	<i>FCS</i>	<i>(050 and 015), (050 and 016), (050 and 211), (050 and 212), (050 and 415), (050 and 416), (450 and 015), (450 and 016), (450 and 211), (450 and 212), (450 and 415), (450 and 416)</i>
<i>HQ - Nutrition Science (4)</i> <i>(4) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this course code to schedule the Family and Consumer Sciences team teaching instructor. This course satisfies 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) required for graduation. The team teachers should be assigned to the same group of Nutrition Science students.</i>	<i>Nutri Sci</i>	<i>5616</i>	<i>FCS</i>	<i>050, 450</i>

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

SOCIAL STUDIES	Abbreviation/Code	Report as Course Code	CTE	Endorsement/Employment Standards
HQ - World History	W Hist	3401		021, 250, 421
HQ - Ancient History	Anc Hist	3402		021, 250, 421
HQ - Modern History	Mod Hist	3403		021, 250, 421
HQ - U. S. History	US Hist	3405		021, 250, 421
HQ - History of the Americas I I.B.	Hist/Ameri I I.B. (1)			021, 250, 421
HQ - History of the Americas II I.B.	Hist/Ameri II I.B. (2)			021, 250, 421
<i>(1) (2) Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes. Two years of I.B. History of Americas may substitute for U.S. History and U.S. Government requirements.</i>				
HQ - U. S. Government (3) (4)	US Govt	3407		023, 250, 423, 001
<i>(3) 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>(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>				
HQ - World Geography	W Geog	3410		022, 250, 422, 001
HQ - Economics (5)	Economics	3431		024, 250, 424, 471
<i>(5) 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 (6)	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>(6) 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
Psychology I.B.	Psy I.B. (5)			080, 250, 426
<i>(5) Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.</i>				
Contemporary Issues	Cont Is	3435		021, 022, 023, 024, 025, 080, 250, 421, 422, 423, 424, 425, 426, 471
HQ - Advanced Placement U. S. History	AP US Hist	3440		021, 250, 421
HQ - Advanced Placement European History	AP Eur Hist	3441		021, 250, 421
HQ - African American History	AF-Am Hist	3442		021, 250, 421
HQ - Advanced Placement Microeconomics	AP Microec	3443		024, 250, 424, 471
HQ - 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>
<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/Supervision Periods(1) ***WB*** ***3498*** ***VOCM 021, 022, 023, 024, 025, 080, 250, 421, 422, 423, 424, 425, 426***

(1) The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

Success Skills through Service Learning (2) ***Success Skills 9395*** ***VOCM Any Secondary endorsement, 414, 425, 426***

(2) Teachers of any course in compliance with the standards of Success Skills through Service Learning, Course Code 9395, must have completed the state-approved 16-hour training or the state-approved course equivalent.

HQ -Special Course--Social Studies Spec Crs (3)
(3) Prior approval of special courses by the Division of Teaching and Learning

HQ -Content Area Reading (4) 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

(4) Elective credit only

HQ -Theory of Knowledge I.B. TheoKnow I.B. (5) 004, 006, 007, 009, 010, 011, 012, 013, 015, 016, 017, 021, 023, 024, 025, 080, 081, 211, 212, 213, 214, 250, 404, 406, 407, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 421, 423, 424, 425, 426, 491, 492, 493, 494, 495, 496

(5) Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes.

CTE -- Career and Technical Education Program Classification

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BUSINESS TECHNOLOGY EDUCATION	<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,
Accounting II	Acct 2 3702			030, 054, 055, 201, 203, 204, 311, 430, 434, 435, 436, 474, 475
<u>HQ</u> - American Business/Legal Systems (1)	Bus/Leg Sys 3705			035, 054, 202, 204, 311, 430, 435, 436, 474, 475
<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
Business Principles	Bus Prin 3709			030, 035, 039, 054, 202, 204, 311, 430, 435, 436, 474, 475

CTE -- Career and Technical Education Program Classification

BUSINESS TECHNOLOGY EDUCATION	Abbreviation/Code	Report as Course Code	CTE	Endorsement/Employment Standards
Financial Planning	FinPlan	3713		033, 039, 054, 201, 202, 204, 311, 430, 435, 436, 474, 475
Keyboarding	Keybd	3715		031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436, 474, 475
Computer Literacy	Comp Lit	3720		(2) or 037, 039, 041, 055, 057, 201, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 477
<p>(2) <u>Rules, Regulations and Minimum Standards</u> 0520-1-2.03(8) states: <i>Teachers of Computer Technology, Grades 9-12</i> <i>A teacher of personal computing, computer productivity applications, and interactive multimedia 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></p>				
Computer Applications	Comp App	3721		(3) or 037,039,041,055,057,202,203,204,311, 430,431,432,434,435, 436, 474, 475, 477
<p>(3) <u>Rules, Regulations and Minimum Standards</u> 0520-1-2.03(8) states: <i>Teachers of Computer Technology, Grades 9-12</i> <i>A teacher of personal computing, computer productivity applications, and interactive multimedia 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></p>				
BASIC Programming	Basic Pro	3722		(4) or 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 474 + (3), 475 + (3)
<p>(4) <u>Rules, Regulations and Minimum Standards</u> 0520-1-2.03(8) states: <i>Teachers of Computer Technology, Grades 9-12</i> <i>A teacher of BASIC, and adventures in computing 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 and 475 requires the equivalent of six semester computer courses work including at least one programming language.</i></p>				
C++ Programming	C++ Pro	3723		(5) or 037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 474 + (4), 475 + (4)
<p>(5) <u>Rules, Regulations and Minimum Standards</u> 0520-1-2.03(8) states: <i>Teachers of Computer Technology, Grades 9-12</i> <i>A teacher of programming languages and advanced placement computer science shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of 12 semester hours of computer course work including six semester hours of programming. Endorsements 474 and 475 require the equivalent of twelve semester courses work including at least six hours of programming language.</i></p>				
HQ - Business Economics (6)	Bus Eco	3749		038, 039, 054, 201, 204, 311, 430, 435, 436, 474, 475
<p>(6) <u>Rules, Regulations and Minimum Standards</u> 0520-1-2.03(8) states: <i>Business Economics satisfies one-half credit in Economics.</i></p>				

CTE -- Career and Technical Education Program Classification

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

BUSINESS TECHNOLOGY EDUCATION	<u>Abbreviation/Code</u>	<u>Report as Course Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Business Economics (<i>for elective credit</i>)	Bus Eco	3751		038, 039, 054, 201, 204, 311, 430, 435, 436, 474, 475
Interactive Multimedia Presentations	Int Mul Pres	3752		(7) or 031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 431, 432, 433, 434, 435, 436, 474, 475, 477
Personal Finance	Per Fin	3767		030, 032, 033, 034, 035, 036, 037, 038, 039, 041, 054, 055, 056, 057, 201, 202, 203, 204, 311, 430, 431, 432, 433, 434, 435, 436, 474, 475

(7) Rules, Regulations and Minimum Standards 0520-1-2.03(8) states:

Teachers of Computer Technology, Grades 9-12

A teacher of personal computing, computer productivity applications, and interactive multimedia 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.

Programming Applications	Prog App	3753	(8)
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(8) Rules, Regulations and Minimum Standards 0520-1-2.03(8) states:

Teachers of Computer Technology, Grades 9-12

A teacher of programming languages and advanced placement computer science shall have a valid Tennessee teacher license with an endorsement grades 7-12 and must have completed the equivalent of 12 semester hours of computer course work including six semester hours of programming,

Work Based Learning/Supervision Periods(9)	WB	3796	VOCM	Any Business endorsement
(9) The credit for Work Based Learning is awarded in the appropriate related academic course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.				

Special Course-Business Technology Education	Spec Cr	(10)		Any Business endorsement
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(10) *Prior approval of special courses by the Division of Career and Technical -Technical Education is required.*

CTE -- Career and Technical Education Program Classification

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CAREER AND TECHNICAL EDUCATION GRADES 7-12

CONTEXTUAL ACADEMICS **Abbreviated/Code** **Report as Course Code** **CTE** **Endorsement/Employment Standards**

<i>HQ - English IV (3)</i>	<i>Eng 12</i>	<i>30052</i>	<i>3005</i>	<i>CA</i>	<i>007, 407</i>
<i>(3) Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training.</i>					
<i>HQ - Algebra I (2)</i>	<i>Alg 1</i>	<i>31022</i>	<i>3102</i>	<i>CA</i>	<i>013, 413</i>
<i>(2) Teachers who teach this course must hold proper endorsement and have attended state-approved, five-day training.</i>					
<i>HQ - Geometry (3)</i>	<i>Geom</i>	<i>31082</i>	<i>3108</i>	<i>CA</i>	<i>013, 413</i>
<i>(3) Teachers who teach this course must hold proper endorsement and have attended state-approved, five day training.</i>					
<i>HQ -Biology I(7)</i>	<i>Biol I</i>	<i>32102</i>	<i>3210</i>	<i>CA</i>	<i>015, 211, 415</i>
<i>(7) Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training.</i>					
<i>HQ - Principles of Technology I (8)</i>	<i>PTI</i>	<i>3220</i>	<i>3220</i>	<i>CA</i>	<i>016, 017, 212, 214, 414, 416, 417</i>
<i>(8) Teachers who teach this course must hold proper endorsement and have attended the state-approved, five-day training. This course may substitute for one of the physical science credits required for graduation.</i>					
<i>HQ - Principles of Technology II (9)</i>	<i>PTII</i>	<i>3256</i>	<i>3220</i>	<i>CA</i>	<i>016, 017, 212, 214, 414, 416, 417</i>
<i>(9) Teachers who teach this course must hold proper endorsement and have attended the Principles of Technology I state-approved, five-day training. This course satisfies one science credit required for graduation. The completion of Principles of Technology I and II is equivalent to Physics I.</i>					

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CAREER AND TECHNICAL EDUCATION GRADES 7-12

BT BUSINESS TECHNOLOGY EDUCATION	Abbreviation/Code	CTE	Endorsement/Employment Standards	
<i>eBusiness Communication</i>	<i>eBus</i>	<i>3704</i>	<i>BT</i>	<i>031, 032, 034, 037, 041, 055, 056, 057, 201, 203, 204, 311, 430, 432, 433, 434, 435, 436, 474, 475</i>
<i>Business Management</i>	<i>Bus Mgt</i>	<i>3707</i>	<i>BT</i>	<i>039, 056, 057, 201, 202, 204, 311, 430, 433, 435, 436, 474, 475</i>
<i>Keyboarding</i>	<i>Keybd</i>	<i>3710</i>	<i>BT</i>	<i>031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436, 474, 475</i>
<i>Keyboarding/Document Layout and Design</i>	<i>KeyDoc Design</i>	<i>3727</i>	<i>BT</i>	<i>031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436, 474, 475</i>
<i>Spreadsheet Applications</i>	<i>Spr Sheet App</i>	<i>3729</i>	<i>BT</i>	<i>030, 033, 037, 041, 054, 055, 056, 057, 201, 203, 204, 311, 430, 432, 434, 435, 436, 474, 475</i>
<i>Integrated Input Technologies</i>	<i>Int Input Tech</i>	<i>3730</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475</i>
<i>Database Design/Management</i>	<i>Data Mgt</i>	<i>3735</i>	<i>BT</i>	<i>030, 037, 041, 054, 055, 056, 057, 201, 203, 204, 311, 430, 432, 434, 435, 436, 474, 475</i>
<i>Administrative Management</i>	<i>Adm Mgt</i>	<i>3737</i>	<i>BT</i>	<i>037, 041, 054, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475</i>
<i>Desktop Publishing</i>	<i>DT Pbl</i>	<i>3741</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 474, 475</i>
<i>Interactive Multimedia Presentation</i>	<i>Int Mul Pres</i>	<i>3746</i>	<i>BT</i>	<i>031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 431, 432, 433, 434, 435, 436, 474, 475</i>
<i><u>HQ - International Business/Marketing</u> (1)</i>	<i>Int Bus Mkt</i>	<i>3750</i>	<i>BT</i>	<i>039, 052, 054, 056, 057, 201, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475</i>
<i>1) International Business/Marketing satisfies one-half credit in Economics</i>				
<i>International Business/Marketing</i>	<i>Int Bus Mkt</i>	<i>3754</i>	<i>BT</i>	<i>039, 052, 054, 056, 057, 201, 202, 204, 311, 430, 435, 436, 471, 472, 474, 475</i>
<i>Keyboarding/Document Formatting</i>	<i>KeyDocForm</i>	<i>3775</i>	<i>BT</i>	<i>031, 032, 037, 041, 055, 056, 057, 203, 204, 311, 432, 433, 434, 435, 436, 474, 475</i>
<i>Networking Essentials</i>	<i>Net Ess</i>	<i>3778</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475</i>
<i>Computer Operating Systems and Hardware</i>	<i>CompOper</i>	<i>3763</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475 and CompTIA's A+, or NetPlus or CIW Associate Foundations or CISCO Certification</i>
<i>Information Technology Foundations</i>	<i>InfoTechFou</i>	<i>3764</i>	<i>BT</i>	<i>037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475 and CompTIA's A+, or CISCO Certification</i>
<i>Accounting I</i>	<i>Acct I</i>	<i>3779</i>	<i>BT</i>	<i>030, 054, 055, 201, 203, 311, 430, 434, 435, 436, 474, 475</i>
<i>Accounting II</i>	<i>Acct II</i>	<i>3780</i>	<i>BT</i>	<i>030, 054, 055, 201, 203, 311, 430, 434, 435, 436, 474, 475</i>
<i>Career Connections</i>	<i>Car Con</i>	<i>3716</i>	<i>BT</i>	<i>031, 034, 037, 041, 054, 055, 056, 057, 201, 203, 204, 311, 430, 432, 434, 435, 436, 475, 432, 050, 450</i>

CTE -- Career and Technical Education Program Classification

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BT BUSINESS TECHNOLOGY EDUCATION	Abbreviation/Code	CTE	Endorsement/Employment Standards	
Financial Planning	Fin Plan	3717	BT	030, 033, 039, 054, 201, 204, 311, 430, 435, 436, 474, 475
Computer Applications	Comp App	3718	BT	037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 477
HQ- American Business/Legal Systems (2) <i>(2) Satisfies one-half credit in Government</i>	BusLegSyst	3719	BT	035, 054, 202, 204, 311, 430, 435, 436, 474, 475
American Business/Legal Systems	Amer Legal	3726	BT	035, 054, 202, 204, 311, 430, 435, 436, 474, 475
HQ- Business Economics (3) <i>(3) Satisfies one-half credit in Economics</i>	Bus Econ	3755	BT	039, 054, 201, 204, 311, 430, 435, 436, 474, 475
Business Economics	Bus Econ	3765	BT	039, 054, 201, 204, 311, 430, 435, 436, 474, 475
Banking and Finance	Bank Fin	3756	BT	030, 033, 039, 054, 201, 204, 311, 430, 435, 436, 474, 475
Virtual Enterprise International (4)	Vir Ent Int	3757	BT	037, 039, 041, 052, 055, 056, 057, 201, 202, 203, 204, 311, 430, 434, 435, 436, 471, 472, 474, 475
<i>(4) Satisfies one half credit in Economics. 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 consultant as well as requisite training before offering this course.</i>				
HQ – Virtual Enterprise International (5)	Vir Ent Int	3762	BT	037, 039, 041, 052, 055, 056, 057, 201, 202, 203, 204, 311, 430, 434, 435, 436, 471, 472, 474, 475
<i>(5) Satisfies one half credit in Economics. 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 consultant as well as requisite training before offering this course.</i>				
Web Design Essentials	Web Des Ess	3768	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475
Web Design Applications	Web Des App	3769	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475
Website – Foundations	Web Found	3758	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475, 070, 230, 470 and CIW Associates Foundations Certification
Webpage Design – Site Designer	Web Site Des	3759	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475, 070, 230, 470 and CIW Site Designer Certification
Webpage Design –eCommerce	Web Des eCom	3760	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475, 070, 230, 470 and CIW eCommerce Designer Certification
JAVA	Java Pro	3761	BT	037, 041, 055, 056, 057, 203, 204, 311, 434, 435, 436, 475
Work Based Learning/Supervision Period (6)	WB	3798	BT	Any Business Technology Endorsement
<i>(6) The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i>				
Special Course Business Technology Education	Spec Cr	(7)	BT	Any Business Technology Endorsement
<i>(7) Prior approval of special courses by the Division of Career and Technical Education is required.</i>				
Personal Finance	Per Fin	3766	BT	030, 032, 033, 034, 035, 036, 037, 038, 039, 041, 054, 055, 056, 057, 201, 202, 203, 204, 311, 430, 431, 432, 433, 434, 435, 436, 474, 475

TEE: TECHNOLOGY ENGINEERING EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

Foundations of Technology	FOT	3835	TEE	<p>007, 013, 014, 015, 016, 017, 018, 070, 105, 210, 211, 212, 213, 214, 230, 231, 232, 233, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 470, 477, 480, (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) OR Any T & I teacher who holds a bachelor’s degree and a professional occupational license that has completed the state-approved, five-day training prior to teaching this course, and meets the qualifications * and ** for trade and industrial education. See notes below.</p>
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Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses on the preceding page prior to teaching the course. Instructors having the following endorsements must attend the training: (007, 013, 014, 015, 016, 017, 018, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 477 and 480). In addition, instructors having only endorsements (007, 013, 014, 015, 016, 017, 018, 070, 105, 211, 212, 214, 413,414, 415, 416, 417, 460, 461, 477, and 480) must complete the state-approved, two-day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.

Any technology engineering education instructor who was teaching technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078, and 079] This is not a grandfathered area

** Trade and Industrial Education instructors who holds a Bachelor’s degree and a professional occupational license (have already completed the 18 semester hours for certification) must complete the state –approved, five-day training prior to teaching this course, must pass the Praxis Specialty in Technology Education (050) Examination with a minimum score of 580 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.*

***Trade and Industrial Education instructors who holds a Bachelors degree and a apprenticeship occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, five-day training prior to teaching this course, must complete the application for Alternative License Type 1 or 2, must pass the Praxis Specialty in Technology Education (050) Examination with a minimum score of 580 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.*

CTE -- Career and Technical Education Program Classification

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TEE: TECHNOLOGY ENGINEERING EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

Technological Issues	Tech Iss	3836	TEE	<p>007, 013, 014, 015, 016, 017, 018, 070, 105, 210, 211, 212, 213, 214, 230, 231, 232, 233, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 470, 477, 480, (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) OR Any T & I teacher who holds a bachelor’s degree and a professional occupational license that has completed the state-approved, five-day training prior to teaching this course, and meets the qualifications * and ** for trade and industrial education. See notes below.</p>
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Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses on the preceding page prior to teaching the course. Instructors having the following endorsements must attend the training: (007, 013, 014, 015, 016, 017, 018, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 477 and 480). In addition, instructors having only endorsements (007, 013, 014, 015, 016, 017, 018, 070, 105, 211, 212, 214, 413,414, 415, 416, 417, 460, 461, 477, and 480) must complete the state-approved, two-day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.

Any technology engineering education instructor who was teaching technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above. (042, 043, 044, 045, 046, 047, 077, 078, and 079] This is not a grandfathered area.

** Trade and Industrial Education instructors who holds a Bachelor’s degree and a professional occupational license (have already completed the 18 semester hours for certification) must complete the state –approved, five-day training prior to teaching this course, must pass the Praxis Specialty in Technology Education (050) Examination with a minimum score of 580 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.*

***Trade and Industrial Education instructors who holds a Bachelors degree and an apprenticeship occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, five-day training prior to teaching this course, must complete the application for Alternative License Type 1 or 2, must pass the Praxis Specialty in Technology Education (10050) Examination with a minimum score of 580 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.*

CTE -- Career and Technical Education Program Classification

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TEE: TECHNOLOGY ENGINEERING EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

<i>Advanced Technological Applications</i>	ATA	3837	TEE	<p>007, 013, 014, 015, 016, 017, 018, 070, 105, 210, 211, 212, 213, 214, 230, 231, 232, 233, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 470, 477, 480, (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) OR Any T & I teacher who holds a bachelor’s degree and a professional occupational license that has completed the state-approved, five-day training prior to teaching this course, and meets the qualifications * and ** for trade and industrial education. See notes below.</p>
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Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses on the preceding page prior to teaching the course. Instructors having the following endorsements must attend the training: (007, 013, 014, 015, 016, 017, 018, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 477 and 480). In addition, instructors having only endorsements (007, 013, 014, 015, 016, 017, 018, 070, 105, 211, 212, 214, 413,414, 415, 416, 417, 460, 461, 477, and 480) must complete the state-approved, two-day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.

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** Trade and Industrial Education instructors who holds a Bachelor’s degree and a professional occupational license (have already completed the 18 semester hours for certification) must complete the state –approved, five-day training prior to teaching this course, must pass the Praxis Specialty in Technology Education (050) Examination with a minimum score of 580 prior to entering the classroom, and must pass the Praxis in Teaching and Learning prior to entering the classroom to teach this course.*

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CTE -- Career and Technical Education Program Classification

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TEE: TECHNOLOGY ENGINEERING EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

<i>Advanced Design Applications</i>	ADA	3838	TEE	<p>007, 013, 014, 015, 016, 017, 018, 070, 105, 210, 211, 212, 213, 214, 230, 231, 232, 233, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 470, 477, 480, (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) OR Any T & I teacher who holds a bachelor’s degree and a professional occupational license that has completed the state-approved, five-day training prior to teaching this course, and meets the qualifications * and ** for trade and industrial education. See notes below.</p>
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TEE: TECHNOLOGY ENGINEERING EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

Engineering Design	Eng Des	3839	TEE	<p>007, 013, 014, 015, 016, 017, 018, 070, 105, 210, 211, 212, 213, 214, 230, 231, 232, 233, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 470, 477, 480, (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) OR Any T & I teacher who holds a bachelor’s degree and a professional occupational license that has completed the state-approved, five-day training prior to teaching this course, and meets the qualifications * and ** for trade and industrial education. See notes below.</p>
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CTE -- Career and Technical Education Program Classification

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TEE: TECHNOLOGY ENGINEERING EDUCATION **Abbreviation/Code** **CTE** **Endorsement/Employment Standards**

<i>Problems and Solutions in Technology</i>	<i>PST</i>	<i>3813</i>	<i>TEE</i>	<p><i>007, 013, 014, 015, 016, 017, 018, 070, 105, 211, 212, 213, 214, 230, 231, 232, 233, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 470, 477, 480, (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), (04 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) OR Any T & I teacher who holds a bachelor's degree and a professional occupational license that has completed the state-approved, five-day training prior to teaching the course, and meets the qualifications * and ** for Trade and Industrial Education. See notes below.</i></p> <p><i>Instructors who teach this course must hold proper endorsement and have completed the state-approved, five-day training for the courses prior to teaching the course. Instructors having the following endorsements must attend the training: (007, 013, 014, 015, 016, 017, 018, 105, 210, 211, 212, 213, 214, 407, 413, 414, 415, 416, 417, 418, 460, 461, 477 and 480). In addition, instructors having only endorsements: (007, 013, 014, 015, 016, 017,018, 070, 105, 211, 212, 214, 407, 413, 414, 415, 416, 417, 460, 461, 477, and 480 must complete the state-approved, two day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.</i></p> <p><i>Any technology engineering education instructor who was teaching technology engineering education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach the Technology Engineering Education course listed above, (042, 043, 044, 045, 046, 047, 077, 078 and 079). This is not a grandfathered area.</i></p> <p><i>* Trade and Industrial Education instructors who holds a Bachelor's degree and a professional occupational license (have already completed the 18 semester hour for certification) must complete the state-approved, five-day training prior to teaching this course, must pass the Praxis Specialty in Technology Education (050) Examination with a minimum score of 580 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>** Trade and Industrial Education instructors who holds a Bachelor's degree and an apprenticeship occupational license (are in the process of completing the 18 semester hours for certification) must complete the state-approved, five-day training prior to teaching this course, must complete the application for Alternative License Type 1 or 2, must pass the Praxis Specialty in Technology Education (10050) Examination with a minimum score of 580 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>
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CTE -- Career and Technical Education Program Classification

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TEE: TECHNOLOGY ENGINEERING EDUCATION **Abbreviation/Code** **CTE** **Endorsement/Employment Standards**

<i>Visual Communications</i>	<i>Vis Com</i>	<i>3814</i>	<i>TEE</i>	<i>070, 230, 231, 232, 233, 470 and 477</i>
<i>Website Foundations</i>	<i>Web Found</i>	<i>3815</i>	<i>TEE</i>	<i>070, 230, 231, 232, 233, 470, and 477 and Industry Certification</i>
<i>Website Foundations Site Designer</i>	<i>Website Des</i>	<i>3816</i>	<i>TEE</i>	<i>070, 230, 231, 232, 233, 470 and 477 and Industry Certification</i>
<i>Website Foundations eCommerce</i>	<i>Web Des eCom</i>	<i>3817</i>	<i>TEE</i>	<i>070, 230, 231, 232, 233, 470, and 477 and Industry Certification</i>
<i>Principles of Manufacturing</i>	<i>Prin Manuf</i>	<i>3818</i>	<i>TEE</i>	<i>070, 230, 231, 232, 233, 470 and 477</i>
<i>*Principles of Machining and Manufacturing</i>	<i>Prin Mac Manu</i>	<i>3819</i>	<i>TEE</i>	<i>070, 230, 231, 232, 233, 470 and 477</i>
<i>*Principles of Engineering</i>	<i>Prin Eng</i>	<i>3820</i>	<i>TEE</i>	<i>070, 230, 231, 232, 233, 470 and 477</i>
<i>*Digital Electronics</i>	<i>Dig Elect</i>	<i>3821</i>	<i>TEE</i>	<i>070, 230, 231, 232, 233, 470 and 477</i>
<i>*Manufacturing Applications</i>	<i>Manuf App</i>	<i>3822</i>	<i>TEE</i>	<i>070, 230, 231, 232, 233, 470 and 477</i>
<i>**Computer Aided Drafting</i>	<i>Comp Draft</i>	<i>3823</i>	<i>TEE</i>	<i>070, 230, 231, 232, 233, 470 and 477 plus American Design and Drafting Association (ADDA) certification.</i>
<i>*Advanced Computer - Aided Drafting</i>	<i>Comp Draft</i>	<i>3824</i>	<i>TEE</i>	<i>070, 230, 231, 232, 233, 470 and 477 plus American Design and Drafting Association (ADDA) certification.</i>
<i>**Special Course – Manufacturing Cluster</i>	<i>Sp Crs (4)</i>	<i>3825</i>	<i>TEE</i>	<i>070, 230, 231, 232, 233, 470 and 477 plus American Design and Drafting Association (ADDA) certification.</i>
<i>** Special Course – Arts and Communication Cluster</i>	<i>Sp Crs (5)</i>	<i>3826</i>	<i>TEE</i>	<i>070, 230, 231, 232, 233, 470 and 477 plus American Design and Drafting Association (ADDA) certification.</i>

Instructors who teach these courses must hold proper endorsement and have completed the state-approved, five-day training for the class and the one day safety training prior to teaching the course.

CTE -- Career and Technical Education Program Classification

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TEE: TECHNOLOGY ENGINEERING EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

<p><i>Work Based Learning/Supervision Periods (1)</i></p> <p>(1) <i>The credit for Work Based Learning is awarded in the appropriate related career and technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i></p> <p><i>Prior approval of special courses by the Division of Career and Technical -Technical Education is required.</i></p>	<p>WB</p>	<p>3898</p>	<p>TEE</p>	<p>070, 230, 231, 232, 233, 470, 477, (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) See notes below.</p>
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Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

TEE: TECHNOLOGY ENGINEERING EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

<i>Special Course - Tech Ed (1) and (2)</i>	<i>Spec Crs</i>	<i>(2)</i>	<i>TEE</i>	<p><i>007, 013, 014, 015, 016, 017, 018, 070, 105, 210, 211, 212, 213, 214, 230, 231, 232, 233, 407, 413, 414, 415, 416, 417, 418, 440, 460, 461, 470, 477, 480, (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)</i></p> <p><i>See notes below.</i></p>
<p><i>(1) Instructors who teach this course must hold proper endorsement <u>and</u> have completed the state-approved, five-day training for the courses on the preceding page prior to teaching the course. Instructors having the following endorsements must attend the training: 007, 013, 014, 015, 016, 017, 067, 069, 070, 211, 212, 214, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, 480. In addition, instructors having only endorsements 007, 013, 014, 015, 016, 017, 067, 069, 070, 105, 211, 212, 214, 413, 402, 407, 413, 414, 415, 416, 417, 460, 461, 477, and 480, must complete the state-approved, two-day facilities management/safety training prior to teaching the course. Instructors are required to attend training only one time.</i></p>				
<p><i>Candidates who hold a bachelor's degree and a professional occupational education license may be issued a professional license endorsed in technology engineering education provided they: (1) complete a 5-day training in technology engineering offered by the Department of Education (or equivalent methods course); (2) complete a one-day training in safety; (3) pass the Praxis examination; (4) pass the Praxis in Principles of Learning and Teaching; and (5) are recommended by the Division of Career and Technical Education.</i></p>				
<p><i>Any technology education instructor who was teaching technology education in Tennessee prior to September of 1980 and each year thereafter including the current year and has at least two (2) of the following endorsements in technology education may teach any of the courses listed above. [042, 043, 044, 045, 046, 047, 077, 078, and 079] This is not a grandfathered area</i></p>				
<p><i>(2) Prior approval of special courses by the Division of Career and Technical Education is required.</i></p>				

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

A10 -- AGRICULTURAL EDUCATION

Abbreviation/Code

CTE

Endorsement/Employment Standards

The following codes are to be used when scheduling agricultural education teachers who are not on extended employment.

<i>Agricultural Business/Finances</i>	<i>Ag Bus/Fin</i>	<i>5100</i>	<i>A10</i>	<i>048, 448</i>
<i>Agricultural Mechanics & Maint</i>	<i>Ag Mech</i>	<i>5101</i>	<i>A10</i>	<i>048, 448</i>
<i>Agricultural Power & Equipment</i>	<i>Ag Power & Eq</i>	<i>5102</i>	<i>A10</i>	<i>048, 448</i>
<i>Agricultural Sales & Marketing</i>	<i>Ag Sales & Mkt</i>	<i>5103</i>	<i>A10</i>	<i>048, 448</i>
<i>Principles of Agricultural Sciences</i>	<i>Prin Ag Sci</i>	<i>5104</i>	<i>A10</i>	<i>048, 448</i>
<i>Advanced Principles of Agricultural Sciences</i>	<i>Adv Prin Ag Sci</i>	<i>5105</i>	<i>A10</i>	<i>048, 448</i>
<i>Aquaculture/Hydroponics</i>	<i>Aqua/Hydro</i>	<i>5109</i>	<i>A10</i>	<i>048, 448</i>
<i>Plant and Soil Science</i>	<i>Plant & Soil Sci</i>	<i>5111</i>	<i>A10</i>	<i>048, 448</i>
<i>Landscaping& Turf Management</i>	<i>Land & Turf Mgt</i>	<i>5113</i>	<i>A10</i>	<i>048, 448</i>
<i>Floral Design</i>	<i>Flor</i>	<i>5114</i>	<i>A10</i>	<i>048, 448</i>
<i>Forestry Management</i>	<i>Forestry Mgt</i>	<i>5115</i>	<i>A10</i>	<i>048, 448</i>
<i>Greenhouse Management</i>	<i>Greenhouse Mgt</i>	<i>5117</i>	<i>A10</i>	<i>048, 448</i>
<i>Horse Science</i>	<i>Horse Sci</i>	<i>5118</i>	<i>A10</i>	<i>048, 448</i>
<i>Leadership/Communications</i>	<i>Lead/Comm</i>	<i>5119</i>	<i>A10</i>	<i>048, 448</i>
<u>HQ</u> - Agriscience (1)	<i>Agrisc</i>	<i>5121</i>	<i>A10</i>	<i>(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>
<i>(1) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40-hour training or pass a state-approved Methods/ Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may satisfy one credit of life science laboratory credit required for graduation.</i>				

A10 -- AGRICULTURAL EDUCATION

Abbreviation/Code

CTE

Endorsement/Employment Standards

The following codes are to be used when scheduling agricultural education teachers who are not on extended employment.

<i>Small Animal Care</i>	<i>Anim Care</i>	<i>5122</i>	<i>A10</i>	<i>048, 448</i>
<i>Wildlife Management & Recreation</i>	<i>Wild Mgt & Rc</i>	<i>5124</i>	<i>A10</i>	<i>048, 448</i>
<i>Plant Biotechnology</i>	<i>Plant Biotech</i>	<i>5125</i>	<i>A10</i>	<i>048,448</i>
<i>Veterinary Science</i>	<i>Vet Sci</i>	<i>5126</i>	<i>A10</i>	<i>048, 448</i>
<i>Livestock Management</i>	<i>Live Mgt</i>	<i>5127</i>	<i>A10</i>	<i>048, 448</i>
<i>Agricultural Engineering</i>	<i>Ag Eng</i>	<i>5128</i>	<i>A10</i>	<i>048, 448</i>
<i>Agricultural Economics</i>	<i>Ag Econ</i>	<i>5133</i>	<i>A10</i>	<i>048,448</i>
<i>Principles of Horticultural Sciences</i>	<i>Prin Hort Sci</i>	<i>5134</i>	<i>A10</i>	<i>048,448</i>
<i>Exploring Agricultural Sciences*</i>	<i>Expl Ag Sci</i>	<i>5135</i>	<i>A10</i>	<i>048,448</i>
<i>Animal Biotechnology</i>	<i>Anim Biotech</i>	<i>5136</i>	<i>A10</i>	<i>048,448</i>
<i>Supervised Agriculture Experience</i>	<i>Sup Exp</i>	<i>5130</i>	<i>A10</i>	<i>048, 448</i>
<i>Work Based Learning/Supervision Periods (1)</i>	<i>Co-op Supv</i>	<i>5198</i>	<i>A10</i>	<i>048, 448</i>
<p>(1) <i>The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i></p>				
<i>Special Course-Agricultural Ed</i>	<i>Spec Crs</i>	<i>(3)</i>	<i>A10</i>	<i>048, 448</i>
<p>(2) <i>Prior approval of special courses by the Division of Career and Technical Education is required.</i></p>				

* Eighth Grade Course

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

A12 -- AGRICULTURAL EDUCATION

Abbreviation/Code

CTE

Endorsement/Employment Standards

The following codes are to be used when scheduling agricultural education teachers who are on extended employment.

<i>Agricultural Business/Finances</i>	<i>Ag Bus/Fin</i>	<i>5150</i>	<i>A12</i>	<i>048, 448</i>
<i>Agricultural Mechanics & Maint</i>	<i>Ag Mech</i>	<i>5151</i>	<i>A12</i>	<i>048, 448</i>
<i>Agricultural Power & Equipment</i>	<i>Ag Power & Eq</i>	<i>5152</i>	<i>A12</i>	<i>048, 448</i>
<i>Agricultural Sales & Marketing</i>	<i>Ag Sales & Mkt</i>	<i>5153</i>	<i>A12</i>	<i>048, 448</i>
<i>Principles of Agriculture Sciences</i>	<i>Prin Ag Sci</i>	<i>5154</i>	<i>A12</i>	<i>048, 448</i>
<i>Advanced Principles of Agricultural Sciences</i>	<i>Adv Prin Ag Sci</i>	<i>5155</i>	<i>A12</i>	<i>048, 448</i>
<i>Aquaculture/Hydroponics</i>	<i>Aqua/Hydro</i>	<i>5159</i>	<i>A12</i>	<i>048, 448</i>
<i>Plant and Soil Science</i>	<i>Plant & Soil Sci</i>	<i>5161</i>	<i>A12</i>	<i>048, 448</i>
<i>Landscaping & Turf Management</i>	<i>Land & Turf Mgt</i>	<i>5163</i>	<i>A12</i>	<i>048, 448</i>
<i>Floral Design</i>	<i>Flor</i>	<i>5164</i>	<i>A12</i>	<i>048, 448</i>
<i>Forestry Management</i>	<i>Forestry Mgt</i>	<i>5165</i>	<i>A12</i>	<i>048, 448</i>
<i>Greenhouse Management</i>	<i>Greenhouse Mgt</i>	<i>5167</i>	<i>A12</i>	<i>048, 448</i>
<i>Horse Science</i>	<i>Horse Sci</i>	<i>5168</i>	<i>A12</i>	<i>048, 448</i>
<i>Leadership/Communications</i>	<i>Lead/Comm</i>	<i>5169</i>	<i>A12</i>	<i>048, 448</i>
<u>HQ</u> - Agriscience (1)	<i>Agrisc</i>	<i>5171</i>	<i>A12</i>	<i>(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) Teachers who teach this course must be properly endorsed and have attended the state-approved, five-day/40-hour training or pass a state-approved Methods/Methodology of Teaching Agriscience course that meets the requirements of the five-day/40 hour training. Agriscience may satisfy one credit of life Science laboratory credit required for graduation.				

A12 -- AGRICULTURAL EDUCATION

Abbreviation/Code

CTE

Endorsement/Employment Standards

<i>Small Animal Care</i>	<i>Anim Care</i>	<i>5172</i>	<i>A12</i>	<i>048, 448</i>
<i>Wildlife Management & Recreation</i>	<i>Wild Mgt & Rc</i>	<i>5174</i>	<i>A12</i>	<i>048, 448</i>
<i>Plant Biotechnology</i>	<i>Plant Biotech</i>	<i>5175</i>	<i>A12</i>	<i>048, 448</i>
<i>Veterinary Science</i>	<i>Vet Sci</i>	<i>5176</i>	<i>A12</i>	<i>048, 448</i>
<i>Livestock Management</i>	<i>Live Mgt</i>	<i>5177</i>	<i>A12</i>	<i>048, 448</i>
<i>Agricultural Engineering</i>	<i>Ag Eng</i>	<i>5178</i>	<i>A12</i>	<i>048, 448</i>
<i>Agricultural Economics</i>	<i>Ag Econ</i>	<i>5183</i>	<i>A12</i>	<i>048,448</i>
<i>Principles of Horticultural Sciences</i>	<i>Prin Hort Sci</i>	<i>5184</i>	<i>A12</i>	<i>048,448</i>
<i>Exploring Agricultural Sciences*</i>	<i>Expl Ag Sci</i>	<i>5187</i>	<i>A12</i>	<i>048,448</i>
<i>Animal Biotechnology</i>	<i>Anim Biotech</i>	<i>5186</i>	<i>A12</i>	<i>048, 448</i>
<i>Supervised Agriculture Experience</i>	<i>Sup Exp</i>	<i>5181</i>	<i>A12</i>	<i>048, 448</i>
<i>Work Based Learning/Supervision Periods(1)WB Supv</i>		<i>5180</i>	<i>A12</i>	<i>048, 448</i>

(1) *The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.*

Special Course Agricultural Ed ***Spec Crs*** ***(2)*** ***A12*** ***048, 448***

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

* Eighth Grade Course

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded course

TI - TRADE AND INDUSTRIAL

Abbreviation/Code

CTE

Endorsement/Employment Standards

Transportation, Distribution, and Logistics

Career Management Success	Career Mgt	5701	TI	Any Career and Technical endorsement
Transportation Core	Trans Core	5702	TI	506, 507, 508, 512, 568, 579, 581
Aviation Maintenance I	Av Maint I	5703	TI	512, 579 and FAA Industry Certification
Aviation Maintenance II	Av Maint II	5704	TI	512, 579 and FAA Industry Certification
Leisure Craft/Small Engine Technology: Systems	LC Sm Eng	5705	TI	506, 508, 512, 568, 579, 581
Leisure Craft/Small Engine Technology: Engine Performance	LC:Sm En Perf	5706	TI	506, 508, 512, 568, 579, 581
Collision Repair: Non Structural	Coll Rep: N S	5707	TI	507 and ASE Industry Certification
Collision Repair: Structural	Coll Rep: S	5708	TI	507 and ASE Industry Certification
Collision Repair: Painting and Refinishing	Coll Rep: P R	5709	TI	507 and ASE Industry Certification
Automotive: Suspension and Steering	Auto: S S	5710	TI	506, 508 and ASE Industry Certification
Automotive: Engine Performance	Auto: Eng Perf	5711	TI	506, 508 and ASE Industry Certification
Automotive: Brake Systems	Auto: Brake Sys	5712	TI	506, 508 and ASE Industry Certification
Automotive:Electrical/Electronics System	Auto: Elec Sys	5713	TI	506, 508 and ASE Industry Certification
Diesel: Preventive Maintenance	Diesel: Prev Maint	5714	TI	581 and ASE Industry Certification
Diesel: Brake Systems	Diesel: Brake Sys	5715	TI	581 and ASE Industry Certification
Diesel: Suspension and Steering	Diesel: S S	5716	TI	581 and ASE Industry Certification
Diesel: Electrical/Electronics	Diesel: Elec	5717	TI	581 and ASE Industry Certification

TI - TRADE AND INDUSTRIAL

Abbreviation/Code

CTE

Endorsement/Employment Standards

Transportation, Distribution, and Logistics

<i>Diesel: Engine</i>	<i>Diesel: Eng</i>	<i>5718</i>	<i>TI</i>	<i>581 and ASE Industry Certification</i>
<i>Introduction to Aerospace</i>	<i>Intro Aero</i>	<i>5719</i>	<i>TI</i>	<i>594 and FAA Industry Certification</i>
<i>Theory of Flight</i>	<i>Theory Flgt</i>	<i>5720</i>	<i>TI</i>	<i>594 and FAA Industry Certification</i>
<i>Special Course-Transportation Service</i>	<i>Spec Crs</i>	<i>(1)</i>	<i>TI</i>	<i>506, 507, 508, 512, 568, 579, 581, 594 and industry certification where indicated</i>

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

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

TI -- TRADE AND INDUSTRIAL

Abbreviation/Code

CTE

Endorsement/Employment Standards

<i>Architecture and Construction</i>				
<i>Career Management Success</i>	<i>Career Mgt</i>	<i>5701</i>	<i>TI</i>	<i>Any Career and Technical endorsement</i>
<i>Construction Core</i>	<i>Const Core</i>	<i>5730</i>	<i>TI</i>	<i>501, 502, 522, 523, 524, 527, 532, 553, 554, 555, 556, 567, 575, 580, 584, 585, 592, 598 and BAT or NCCER Industry Certification</i>
<i>Carpentry I</i>	<i>Car 1</i>	<i>5731</i>	<i>TI</i>	<i>522, 575, 580, 592 and BAT or NCCER Industry Certification</i>
<i>Carpentry II</i>	<i>Car 2</i>	<i>5732</i>	<i>TI</i>	<i>522, 575, 580, 592 and BAT or NCCER Industry Certification</i>
<i>Electrical I</i>	<i>Elect 1</i>	<i>5733</i>	<i>TI</i>	<i>501, 502, 523, 532, 567, 580, 592 and BAT or NCCER Industry Certification</i>
<i>Electrical II</i>	<i>Elect 2</i>	<i>5734</i>	<i>TI</i>	<i>501, 502, 523, 532, 567, 580, 592 and BAT or NCCER Industry Certification</i>
<i>Masonry I</i>	<i>Mas 1</i>	<i>5735</i>	<i>TI</i>	<i>524 and BAT or NCCER Industry Certification</i>
<i>Masonry II</i>	<i>Mas 2</i>	<i>5736</i>	<i>TI</i>	<i>524 and BAT or NCCER Industry Certification</i>
<i>Concrete I</i>	<i>Conc 1</i>	<i>5737</i>	<i>TI</i>	<i>524 and BAT or NCCER Industry Certification</i>
<i>Concrete II</i>	<i>Conc 2</i>	<i>5738</i>	<i>TI</i>	<i>524 and BAT or NCCER Industry Certification</i>
<i>Plumbing I</i>	<i>Plumb 1</i>	<i>5739</i>	<i>TI</i>	<i>501, 502, 527, 567, 580, 592 and BAT or NCCER Industry Certification</i>
<i>Plumbing II</i>	<i>Plumb 2</i>	<i>5740</i>	<i>TI</i>	<i>501, 502, 527, 567, 580, 592 and BAT or NCCER Industry Certification</i>
<i>Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC/R) I</i>	<i>HVAC 1</i>	<i>5741</i>	<i>TI</i>	<i>501, 502, 523, 532, 567, 592, 598 and BAT or NCCER or HVAC Excellence Industry Certification</i>
<i>Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC/R) II</i>	<i>HVAC 2</i>	<i>5742</i>	<i>TI</i>	<i>501, 502, 523, 532, 567, 592, 598 and BAT or NCCER or HVAC Excellence Industry Certification</i>

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

TI -- TRADE AND INDUSTRIAL

Abbreviation/Code

CTE

Endorsement/Employment Standards

Architecture and Construction

Basic Principles of Welding

BASICPrinWld 5786

TI

551, 552, 553, 554, 555, 556, 584 and BAT or NCCER or AWS Industry Certification OR any other T & I endorsement plus Certified Welding Educator Certification

Advanced Welding Applications

Adv Weld App 5787

TI

551, 552, 553, 554, 555, 556, 584 and BAT or NCCER or AWS Industry Certification OR any other T & I endorsement plus Certified Welding Educator Certification

Computer Aided Drafting

Comp Draft 5788

TI

070, 230, 470, 477, plus American Design and Drafting Association OR any other T & I endorsement plus ADDA certification (ADDA) Certification OR 551, 552, 553 plus ADDA certification OR 531, 554, 555, 556, 584, 585, 595, 596 plus ADDA Certification OR any other T & I endorsement plus ADDA certification

Advanced Computer Aided Drafting

Adv Com Draft 5789

TI

070, 230, 470 477, plus American Design and Drafting Association (ADDA) certification OR 551, 552, 553 plus ADDA certification OR 531, 554, 555, 556, 584, 585, 595, 596 plus ADDA Certification OR any other T & I endorsement plus ADDA certification

Special Course - Construction Technology

Spec Crs (3)

TI

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

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

CTE -- Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded courses.

TI -- TRADE AND INDUSTRIAL

Abbreviation/Code

CTE

Endorsement/Employment Standards

	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
<u>Arts A/V Technology & Communication</u>				
<u>Sub Cluster Information Technology</u>				
Career Management Success	Career Mgt	5701	TI	Any Career and Technical endorsement
Information Technology Foundations	Info Tech	5755	TI	311, 435, 436, 475, 582, 595 and A+ or NetPlus or CIW or CISCO Industry Certification
Computer Operating Systems and Hardware	Comp OP Sys	5756	TI	311, 435, 436, 475 and A+ or CISCO Industry Certification 582, 595 and Industry Certification
Networking	Network	5757	TI	311, 435, 436, 475, 582, 595 and NetPlus or CISCO Industry Certification 582, 595 and Industry Certification
Cabling Technology	Cab Tech	5758	TI	475, 501, 502, 523, 532, 537, 567, 578, 582, 595
<u>Sub Cluster Visual Communications</u>				
Visual Communications	Vis Comm	5759	TI	230, 311, 435, 436, 475, 516, 519, 520, 521, 537, 538, 543, 576, 582, 583
Graphic Communications I	Gra Comm I	5760	TI	516, 519, 520, 521, 543, 576, 583
Graphic Communications II	Gra Comm II	5761	TI	543, 583
Digital Design and Imaging	Dig Des Imag	5762	TI	311, 435, 436, 475, 516, 519, 520, 521, 543, 583
Media Concepts	Med Conc	5763	TI	576, 597
Audio Technology I	AudioTech I	5770	TI	576, 597
Audio Technology II	Audio Tech II	5771	TI	576, 597
Electronic Media Production	Elec Media Pro	5764	TI	576, 597
Electronic Media Management And Operations	ElecMedMgt	5765	TI	576, 597

CTE -- Career and Technical Education Program Classification

TI -- TRADE AND INDUSTRIAL

Abbreviation/Code

CTE

Endorsement/Employment Standards

***Arts A/V Technology & Communication
Sub Cluster Visual Communications***

Web Site I - Foundations

Web I Found

5766

TI

***311, 435, 436, 475, 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

5767

TI

***311, 435, 436, 475, 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

5769

TI

311, 435, 436, 475, 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

Special Course - Arts and Communication

(1)

TI

***311, 435, 436, 475 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.

CTE -- Career and Technical Education Program Classification

Courses in *bold italic print within a double lined box* are Career and Technical Education funded courses.

TI -- TRADE AND INDUSTRIAL	Abbreviation/Code	CTE	Endorsement/Employment Standards	
<u>Manufacturing</u>				
<i>Career Management Success</i>	<i>Career Mgt</i>	<i>5701</i>	<i>TI</i>	<i>Any Career and Technical endorsement</i>
<i>Programming and Logic</i>	<i>Prog Logic</i>	<i>5780</i>	<i>TI</i>	<i>501, 502, 531, 537, 551, 552, 553, 554, 555, 556, 567, 575, 582, 584, 585, 595, 596</i>
<i>Principles of Manufacturing</i>	<i>Prin Manuf</i>	<i>5781</i>	<i>TI</i>	<i>531, 537, 551, 552, 553, 554, 555, 556, 575, 582, 584, 585, 596</i>
<i>Principles of Machining and Manufacturing</i>	<i>Prin Mc Manuf</i>	<i>5782</i>	<i>TI</i>	<i>531, 551, 552, 553, 554, 555, 556, 575, 584, 585, 596</i>
<i>Digital Electronics</i>	<i>Dig Elect</i>	<i>5783</i>	<i>TI</i>	<i>501,502,537,551,552,553,554,555, 556, 567, 582, 584, 585, 596</i>
<i>Principles of Engineering</i>	<i>Prin Eng</i>	<i>5784</i>	<i>TI</i>	<i>531, 551, 552, 553, 575, 582, 596</i>
<i>Manufacturing Applications</i>	<i>Manuf App</i>	<i>5785</i>	<i>TI</i>	<i>551,552,553,554,555, 556, 575, 582, 584, 585, 596</i>
<i>Basic Principles of Welding</i>	<i>Prin Weld</i>	<i>5786</i>	<i>TI</i>	<i>551, 552, 553, 554, 555, 556, 584 and BAT or NCCER or AWS Industry Certification or any T & I endorsement Plus Certified Welding Educator Certification</i>
<i>Advanced Welding Applications</i>	<i>Weld App</i>	<i>5787</i>	<i>TI</i>	<i>551, 552, 553, 554, 555, 556, 584 and BAT or NCCER or AWS Industry Certification or any T & I endorsement plus Certified Welding Educator Certification</i>
<i>Computer Aided Drafting</i>	<i>Comp Draft</i>	<i>5788</i>	<i>TI</i>	<i>070, 230, 470, plus American Design and Drafting Association (ADDA) certification or 551, 552, 553 plus ADDA certification or 531, 554, 555, 556, 584, 585 plus ADDA certification or any other T & I endorsement plus ADDA certification or 595, 596, plus ADDA certification</i>
<i>Advanced Computer - Aided Drafting</i>	<i>Ad Comp Draft</i>	<i>5789</i>	<i>TI</i>	<i>070, 230, 470 plus American Design and Drafting Association (ADDA) certification or 551, 552, 553 plus ADDA certification or 531, 554, 555, 556, 584, 585 plus ADDA certification or any other T & I endorsement plus ADDA certification or 595, 596 plus ADDA certification</i>

CTE -- Career and Technical Education Program Classification

TI -- TRADE AND INDUSTRIAL

Abbreviation/Code

CTE

Endorsement/Employment Standards

<i>Manufacturing</i>				
<i>Principles of Engineering (PLTW)</i>	<i>POE</i>	<i>5791</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Certification</i>
<i>Digital Electronics (PLTW)</i>	<i>DE</i>	<i>5792</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Certification</i>
<i>Introduction To Engineering Design (PLTW)</i>	<i>IED</i>	<i>5793</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Certification</i>
<i>Computer Integrated Manufacturing (PLTW)</i>	<i>CIM</i>	<i>5794</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Certification</i>
<i>Civil Engineering and Architecture (PLTW)</i>	<i>CEA</i>	<i>5795</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Certification</i>
<i>Aerospace Engineering (PLTW)</i>	<i>AE</i>	<i>5796</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Certification</i>
<i>Biotechnical Engineering (PLTW)</i>	<i>BE</i>	<i>5797</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Certification</i>
<i>Engineering Design and Development (PLTW) Capstone Course</i>	<i>EDD</i>	<i>5798</i>	<i>TI</i>	<i>any T & I endorsement with successful completion of PLTW Certification</i>
<i>Special Course - Manufacturing Cluster</i>	<i>Special Crs</i>	<i>(1)</i>	<i>TI</i>	<i>070, 230, 470, plus ADDA certification or 501, 502, 531, 537 551, 552, 553, 554, 555, 556, 567, 575, 582, 584, 585, plus ADDA certification OR 595, 596, plus ADDA certification and other industry certification where indicated</i>
<i>(1) Prior approval of special courses by the Division of Career and Technical Education is required.</i>				

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Law, Public Safety & Security

<i>Criminal Justice I</i>	<i>Crim Jus I</i>	<i>5330</i>	<i>TI</i>	<i>586, 590</i>
<i>Criminal Justice II</i>	<i>Crim Jus II</i>	<i>5331</i>	<i>TI</i>	<i>586, 590</i>
<i>Criminal Justice III</i>	<i>Crim Just III</i>	<i>5342</i>	<i>TI</i>	<i>586, 590</i>
<i>Criminal Justice II/III (1)</i>	<i>Crim Jus II/III</i>	<i>5343</i>	<i>TI</i>	<i>586, 590</i>

(1) Use this code for classes where students in Criminal Justice II and III are scheduled in the same class period.

Human Services

<i>Principles of Cosmetology</i>	<i>Prin of Cos</i>	<i>5338</i>	<i>TI</i>	<i>561 Tennessee Cosmetology Instructor License</i>
<i>Design Principles of Cosmetology</i>	<i>Dsgn of Cos</i>	<i>5339</i>	<i>TI</i>	<i>561 Tennessee Cosmetology Instructor License</i>
<i>Chemistry of Cosmetology</i>	<i>Chemof Cos</i>	<i>5340</i>	<i>TI</i>	<i>561 Tennessee Cosmetology Instructor License</i>
<i>Special Course - Human Services</i>	<i>Spec Crs</i>	<i>(3)</i>	<i>TI</i>	<i>586, 590, 561</i>

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

Cooperative Education

<i>T & I Work Based Learning</i>				
<i>Supervision Periods (4)</i>	<i>WB Supv</i>	<i>5398</i>	<i>TI</i>	<i>104 or any Occupational Endorsement, excluding endorsement 577</i>

(2) The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement and have completed the state-approved 40-hour training and internship or the state-approved course equivalent.

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Abbreviation/Code

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Endorsement/Employment Standards

Hospitality and Tourism

<i>Foundations of Hospitality Industry</i>	<i>Cul Arts I</i>	<i>5380</i>	<i>TI</i>	<i>562, 563, 564, 566</i>
<i>Culinary Arts I</i>	<i>Cul Arts I</i>	<i>5381</i>	<i>TI</i>	<i>562, 563, 564, 566 and Serve-Safe, or National Registry of Food Safety Professionals or CCE Culinary Chef Educator Industry Certification</i>
<i>Culinary Arts II</i>	<i>Cul Arts II</i>	<i>5382</i>	<i>TI</i>	<i>562, 563, 564, 566 and Serve-Safe, or National Registry of Food Safety Professionals or CCE Culinary Chef Educator Industry Certification</i>
<i>Culinary Arts III</i>	<i>Cul Arts III</i>	<i>5383</i>	<i>TI</i>	<i>562, 563, 564, 566 and Serve-Safe, or National Registry of Food Safety Professionals or CCE Culinary Chef Educator Industry Certification</i>
<i>Culinary Arts II/III (1)</i>	<i>Cul Arts II/III</i>	<i>5384</i>	<i>TI</i>	<i>562, 563, 564, 566 and Serve-Safe, or National Registry of Food Safety Professionals or CCE Culinary Chef Educator Industry Certification</i>
<i>(1) Use this code for classes where students in levels II and III are scheduled in the same class period.</i>				
<i>Special Course - Hospitality and Tourism</i>	<i>Spec Crs</i>	<i>(2)</i>	<i>TI</i>	<i>562, 563, 564, 566</i>
<i>Special Course - T and I</i>	<i>Spec Crs</i>	<i>(3)</i>	<i>TI</i>	<i>Any Occupational Endorsement, excluding endorsement 577</i>

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

CTE -- Career and Technical Education Program Classification

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Jobs for Tennessee Graduates (1) ***JTG*** ***5371*** ***TI*** ***591, Any Career and Technical Endorsement***

(1) Schools must be pre-approved by the Division of Career and Technical Education to offer this course.

CTE -- Career and Technical Education Program Classification

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HS -- HEALTH SCIENCE EDUCATION Abbreviation/Code CTE
TEACHERS WHO RECEIVE THE 577 ENDORSEMENT MUST HOLD A MEDICAL LICENSE ISSUED BY TENNESSEE HEALTH RELATED BOARDS AND HAVE ATTENDED STATE APPROVED TRAINING.

Support Services	SS	5500	HS	577
Clinical Internship (1)	CI	5501	HS	577
<i>(1) Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour work-based learning training and Clinical Internship Training or the state-approved course equivalent <u>and</u> 16 hours of biennial Clinical Internship Training.</i>				
Rehabilitative Therapies	RT	5503	HS	577
Health Science Education	HS	5504	HS	577
Health Infomatics	HI	5505	HS	577
Medical Therapeutics	MT	5506	HS	577
Nursing Education (2)	NE	5507	HS	577
<i>(2) Teachers who teach this course must be properly endorsed, and per federal guidelines, be a registered nurse and have worked in a long-term health care facility for a minimum of one year, if students are certified as nurses' aides. They must also have completed two days of biennial state approved Nursing Education training <u>and</u> 16 hours of biennial Clinical Internship Training <u>and</u> the state-approved 40 hour work-based learning training and internship or the state-approved course equivalent. This course requires prior approval by the Tennessee Department of Health. If students are not certified as a nurses' aides they may complete a clinical internship. The teachers who supervise this experience must hold proper endorsement, and have completed the state-approved 40-hour work-based learning training and Clinical Internship Training or the state-approved course equivalent and 16 hours of biennial Clinical Internship Training.</i>				
<u>HQ Health Science Anatomy and Physiology(3)Ant/Phys</u>		5509	HS	577
<i>(3) This course may satisfy one of the science credits required for graduation.</i>				
Health Science Anatomy and Physiology	Ant/Phys	5512	HS	577
Biomedical Application (4)	BA	5513	HS	577
<i>(4) Teachers who teach this course must hold proper endorsement and completed the state-approved 16 hours of biennial training. This course may be offered for one Career and Technical credit.</i>				
Forensic Science (5)	FS	5514	HS	577
<i>(5) Teachers who teach this course must hold proper endorsement and completed the state-approved 16 hours of biennial training. This course may be offered for one Career and Technical credit.</i>				
Emergency Medical Services	Em Md Serv	5510	HS	577
Diagnostic Medicine	Diag Med	5511	HS	577
Work Based Learning/Supervision Periods (5)	WB Supv	5598	HS	577
<i>(5) The credit for Work Based Learning is awarded in the appropriate related Health Science course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i>				
Special Course Health Science Education	Spec Crs	(6)	HS	577
<i>(6) Prior approval of special courses by the Division of Career and Technical Education is required.</i>				

CTE - Career and Technical Education Program Classification

Courses in **bold italic print within a double lined box** are Career and Technical Education funded course

FCS -- FAMILY AND CONSUMER SCIENCES EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

<i>Family & Consumer Sciences</i>	<i>Fam & Con Sc</i>	<i>5603</i>	<i>FCS</i>	<i>050, 450</i>
<i>Personal, Academic and Career Excellence</i>	<i>PACE</i>	<i>5624</i>	<i>FCS</i>	<i>050, 450</i>
<i>Consumer Economics</i>	<i>Cons Ec</i>	<i>5605</i>	<i>FCS</i>	<i>050, 450</i>
<i>HQ - Consumer Economics (1)</i>	<i>Con Ec</i>	<i>5602</i>	<i>FCS</i>	<i>050, 450</i>
<i>(1) Consumer Economics satisfies one-half credit in economics required for graduation</i>				
<i>Family and Parenting</i>	<i>Fam Par</i>	<i>5606</i>	<i>FCS</i>	<i>050, 450</i>
<i>Nutrition and Foods</i>	<i>Nutr Food</i>	<i>5609</i>	<i>FCS</i>	<i>050, 450</i>
<i>Child and Lifespan Development</i>	<i>Child Life</i>	<i>5625</i>	<i>FCS</i>	<i>050, 450</i>
<i>Interior Design</i>	<i>Int Des</i>	<i>5626</i>	<i>FCS</i>	<i>050, 450</i>
<i>Personal Finance</i>	<i>Per Fin</i>	<i>5613</i>	<i>FCS</i>	<i>050, 450</i>
<i>Housing</i>	<i>Hous</i>	<i>5614</i>	<i>FCS</i>	<i>050, 450</i>
<i>Textiles and Apparel</i>	<i>Tex App</i>	<i>5619</i>	<i>FCS</i>	<i>050, 450</i>
<i>Fashion Merchandising and Design</i>	<i>Fash Mer</i>	<i>5621</i>	<i>FCS</i>	<i>050, 450</i>
<i>Teaching as a Profession</i>	<i>TAP</i>	<i>5622</i>	<i>FCS</i>	<i>050, 450</i>
<i>Life Connections</i>	<i>Life Con</i>	<i>5623</i>	<i>FCS</i>	<i>050, 450</i>

CTE - Career and Technical Education Program Classification

Courses in ***bold italic print within a double lined box*** are Career and Technical Education funded course

HQ - Nutrition Science (2)	Nutr Sci	5615	FCS	(050 and 015), (050 and 016), (050 and 211), (050 and 212), (050 and 415), (050 and 416) or (450 and 015), (450 and 015), (450 and 016), (450 and 211), (450 and 212), (450 and 415), (450 and 416)
<i>(2) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this code to schedule one person who is endorsed in both Home Economics/Family and Consumer Sciences and Biology or Chemistry and is not team teaching the course. This course satisfies 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) required for graduation.</i>				
HQ - Nutrition Science (4)	Nutr Sci	5616	FCS	050, 450
<i>(4) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this course code to schedule the Family and Consumer Sciences team teaching instructor. This course satisfies 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) required for graduation. The team teachers should be assigned to the same group of Nutrition Science students.</i>				
Nutrition Science (3) (for CTE credit)	Nutr Sci	5617	FCS	(050 and 015), (050 and 016), (050 and 211), (050 and 212), (050 and 415), (050 and 416) or (450 and 015), (450 and 016), (450 and 211), (450 and 212), (450 and 415), (450 and 416)
<i>(3) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this code to schedule one person who is endorsed in both Home Economics/Family and Consumer Sciences and Biology or Chemistry and is not team teaching the course.</i>				
Nutrition Science (1) (for CTE credit)	Nutr Sci	5618	FCS	050, 450
<i>(1) Teachers who teach this course must hold proper endorsement <u>and</u> have attended the state-approved, five-day training. Use this course code to schedule the Family and Consumer Sciences team teaching instructor.</i>				
Teen Learning Center Director (2)	TLC Dir	5649	FCS	002, 050, 058, 403, 450, 451, 465, 497
<i>(2) Use of this code is for those individuals who direct a secondary Teen Learning Center that must be operated in conjunction with Teen Parenting and for Early Childhood Education Careers classes. No students should be assigned to this code.</i>				
Work Based Learning/Supervision Periods(3)	WB	5697	FCS	050, 450
<i>(3) The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i>				
Special Course--Fam & Con Sc	Spec Crs	(4)	FCS	050, 450
<i>(4) Prior approval of special courses by the Division of Career and Technical Education is required.</i>				

CTE -- Career and Technical Education Program Classification

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FCSO -- FAMILY & CONSUMER SCIENCES OCCUPATIONAL EDUCATION Abbreviation/Code CTE Endorsement/Employment Standards

<i>Early Childhood Education Careers I</i>	<i>Early Child I</i>	5650	FCSO	<i>(050 and 058), (050 and 451), (450 and 058), (450 and 451)</i>
<i>Early Childhood Education Careers II</i>	<i>Early Child II</i>	5660	FCSO	<i>(050 and 058), (050 and 451), (450 and 058), (450 and 451)</i>
<i>Early Childhood Education Careers III</i>	<i>Early Child III</i>	5661	FCSO	<i>(050 and 058), (050 and 451), (450 and 058), (450 and 451)</i>
<i>Early Childhood Education Careers II / III (1)</i>	<i>Early Child II/III</i>	5662	FCSO	<i>(050 and 058), (050 and 451), (450 and 058), (450 and 451)</i>
<i>(1) Use this code for classes where student in levels II and III are scheduled in the same class period.</i>				
<i>Culinary Arts I</i>	<i>Cul Arts I</i>	5656	FCSO	<i>(050 and 060), (050 and 453), (450 and 060), (450 and 453) and Serve-Safe or National Registry of Food Safety Professionals or CCE Culinary Chef Educator Industry Certification</i>
<i>Culinary Arts II</i>	<i>Cul Arts II</i>	5657	FCSO	<i>(050 and 060), (050 and 453), (450 and 060), (450 and 453) and Serve-Safe or National Registry of Food Safety Professionals or CCE Culinary Chef Educator Industry Certification</i>
<i>Culinary Arts III</i>	<i>Cul Arts III</i>	5658	FCSO	<i>(050 and 060), (050 and 453), (450 and 060), (450 and 453) and Serve-Safe or National Registry of Food Safety Professionals or CCE Culinary Chef Educator Industry Certification</i>
<i>Culinary Arts II/III (2)</i>	<i>Cul Arts II/III</i>	5659	FCSO	<i>(050 and 060), (050 and 453), (450 and 060), (450 and 453) and Serve-Safe or National Registry of Food Safety Professionals or CCE Culinary Chef Educator Industry Certification</i>
<i>(2) Use this code for classes where students in levels II and III are scheduled in the same class period</i>				
<i>Work Based Learning/Supervision Periods (3)</i>	<i>WB Supv</i>	5698	FCSO	<i>058, 059, 060, 061, 062, 451, 452, 453</i>
<i>(3) The credit for Work Based Learning is awarded in the appropriate related Career and Technical course in which the student is enrolled. Teachers who supervise this experience must hold proper endorsement <u>and</u> have completed the state-approved 40-hour training and internship or the state-approved course equivalent.</i>				
<i>Special Course -- Fam & Con Sc-Occ</i>	<i>Spec Crs</i>	(4)	FCSO	<i>058, 059, 060, 061, 062, 451, 452, 453</i>
<i>(4) Prior approval of special courses by the Division of Career and Technical Education is required.</i>				

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ME -- MARKETING EDUCATION	Abbreviation/Code	CTE	Endorsement/Employment Standards	
<u>HQ</u> - Marketing & Management I - Principles	Market 1	5000	ME	052, 471, 472
Marketing & Management I Principles	Market 1	5030	ME	052, 471, 472
Marketing & Management II - Advanced Strategies	Market 2	5001	ME	052, 471, 472
Travel & Tourism Operations	Travel	5003	ME	052, 471, 472
<u>HQ</u> - Services Marketing	Serv Mkting	5004	ME	052, 471, 472
Services-Marketing	Serv-Mkting	5034	ME	052, 471, 472
<u>HQ</u> - Entrepreneurship	Entrepre	5005	ME	052, 471, 472
Entrepreneurship	Entrepre	5035	ME	052, 471, 472
<u>HQ</u> - Financial Services Marketing	Finance	5006	ME	052, 471, 472
Financial Services Marketing	Finance	5036	ME	052, 471, 472
Personal Finance and Building Wealth (1) (2)	Finance	5037	ME	052, 471, 472
(1) Have to have 8 hour training session by Mark-Ed and Better Investing in order to teach this course.				
(2) Fee associated with course – Curriculum LAPS must be purchased from Mark-ED for this course.				
Personal Finance	Finance	5038	ME	052, 471, 472
Technical Marketing	Tech Mkting	5011	ME	052, 471, 472
Exploration of Marketing & Management	Mkting	5014	ME	052, 471, 472
<u>HQ</u> - International Business & Marketing	International	5015	ME	039, 052, 054, 056, 057, 201, 202, 204, 311, 430, 435, 436, 471, 472
International Business & Marketing	International	5045	ME	052, 471, 472
Advertising & Public Relations	Advertising	5016	ME	052, 471, 472
Marketing Research and Analysis	Market Inf	5017	ME	052, 471, 472

ONLINE COURSES Grades 9-12

<u>LANGUAGE ARTS</u>	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Facilitator	OLFAC	*	Any Early Childhood, Elementary, Secondary (7-12), or Career and Technical Education endorsement, **
Online English I	OLA 1	*	007, 407, 001, **
Online English II	OLA 2	*	007, 407, **
Online English III	OLA 3	*	007, 407, **
Online English IV	OLA 4	*	007, 407, **
Online Foreign Language	OFL	*	007, 407, **
Online Screenwriting	OSW	*	007, 407, **
Online Advanced Placement English Language and Composition	OAP Lng Cmp	*	007, 407, **
Literature and Composition	OAP Lit Cmp	*	007, 407, **
Online Advanced Placement Spanish Language	OAP Span Lng	*	009, 409, 495, **
Online Advanced Placement Spanish Literature	OAP Span Lit	*	009, 409, 495, **
Online Spanish I	O Span 1	*	009, 409, 495, **
Online Spanish II	O Span 2	*	009, 409, 495, **
Online Advanced Placement Latin-Vergil	OAP Lat Ver	*	010, 410, 493, **
Online Advanced Placement Latin Literature	OAP Lat Lit	*	010, 410, 493, **
Online Advanced Placement French Language	OAP Fren Lng	*	011, 411, 491, **
Online Advanced Placement French Literature	OAP Fren Lit	*	011, 411, 491, **
Online Advanced Placement German Language	OAP Ger Lng	*	012, 412, 492, **

* e-Learning Course application must be approved annually.

**e-Learning Training Required

e-Learning Special Courses require Special Course approval prior to e-Learning course application approval

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FINE ARTS	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Fine Arts	OFA *		027, 427, **
Online Advanced Placement Studio Art- General	OAP St Art-Gen *		027, 427, **
Online Advanced Placement Studio Art- Drawing Portfolio	OAP St Art-Drw *		027, 427, **
Online Advanced Placement History of Art	OAP Hist of Art *		027, 427, **
Online Advanced Placement Music Theory	OAP Mus Theo *		028, 029, 240, 241, 428, 429, **
Online Advanced Placement Studio Art 3D Design	OAP St Art 3D *		027, 427, **
Online Advanced Placement Studio Art 2D Design	OAP St Art 2D *		027, 427, **

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MATHEMATICS	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standarts</u>
Online Mathematics	OM	*	013, 413, **
Online Advanced Placement Calculus AB	OAP Calc AB	*	013, 413, **
Online Advanced Placement Calculus BC	OAP Calc BC	*	013, 413, **
Online Advanced Placement Statistics	OAP Statis	*	013, 413, **
Online Math Foundations I	OMF 1	*	013, 413, 001, **
Online Math Foundations II	OMF 2	*	013, 413, 001, **
Online Algebra I	O Alg 1	*	013, 413, 001, **
Online Algebra II	O Alg 2	*	013, 413, **
Online Geometry	OGeom	*	013, 413, **
Online Pre-Calculus	OPCal	*	013, 413, **

* e-Learning Course application must be approved annually.

**e-Learning Training Required

e-Learning Special Courses require Special Course approval prior to e-Learning course application approval

CTE--Career and Technical Education Program Classification

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COMPUTER TECHNOLOGY	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Computer Technology	OCT	*	A teacher of personal computing, computer productivity applications, and interactive multimedia 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, OR 037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 477, **
Online Advanced Placement Computer Science A	OAP Cmp Sc A	*	A teacher of personal computing, computer productivity applications, and interactive multimedia 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, OR 037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 477, **
Online Advanced Placement Computer Sc AB	OAP Cmp ScAB	*	A teacher of personal computing, computer productivity applications, and interactive multimedia 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, OR 037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 477, **
Online Computer Applications	OCA	*	A teacher of personal computing, computer productivity applications, and interactive multimedia 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, OR 037, 039, 041, 055, 057, 202, 203, 204, 311, 430, 431, 432, 434, 435, 436, 474, 475, 477, **

* e-Learning Course application must be approved annually.

**e-Learning Training Required

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SCIENCE	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Science	OLS	*	016, 212, 416, **
Online Physical Science	OLPS	*	016, 212, 416, **
Online Biology I	O Bio 1	*	015, 211, 415, **
Online Advanced Placement Biology	OAP Biol	*	015, 211, 415, **
Online Chemistry	OChem	*	016, 212, 416, **
Online Advanced Placement Chemistry	OAP Chem	*	016, 212, 416, **
Online Advanced Placement Physics B	OAP Physics B	*	017, 214, 414, 417, **
Online Advanced Placement Physics C	OAP Physics C	*	017, 214, 414, 417, **
Online Advanced Placement Environmental Science	OAP Env Sc	*	015, 016, 017, 081, 211, 212, 214, 414, 415, 416, 417, 418, **
Online Life Science Oceanography	OAP Oceano	*	015, 016, 017, 081, 211, 212, 213, 214, 414, 415, 416, 417, 418, 001, **
Online Anatomy & Physiology	OAP	*	015, 211, 415, **

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SOCIAL STUDIES	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Social Studies	OSS	*	021, 022, 023, 024, 025, 080, 250, 421, 422, 423, 424, 425, 426, 471, **
Online World Geography	OWG	*	022, 250, 422, 001, **
Online World History	OWH	*	021, 250, 421, **
Online U.S. Government	OUSGov	*	023, 250, 423, 001, **
Online Economics	OEcon	*	024, 250, 424, 471, **
Online Advanced Placement U.S. History	OAP US Hist	*	021, 022, 023, 024, 025, 080, 250, 421, 422, 423, 424, 425, 426, 471, **
Online Advanced Placement European History	OAP Eur Hist	*	021, 250, 421, **
Online Advanced Placement Microeconomics	OAP Microec	*	024, 250, 424, 471, **
Online Advanced Placement Macroeconomics	OAP Macroec	*	024, 250, 424, 471, **
Online Advanced Placement Government and Politics-United States	OAPGov/PolUS	*	023, 250, 423, **
Online Advanced Placement Government and Politics-Comparative	OAPGov/PolCm	*	023, 250, 423, **
Online Advanced Placement Psychology	OAP Psych	*	080, 250, 426, **
Online Global Studies	OAO Global	*	021, 022, 250, 422, **

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HEALTH AND PHYSICAL EDUCATION	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Lifetime Wellness	OLW *		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) , **

* e-Learning Course application must be approved annually.

**e-Learning Training Required

e-Learning Special Courses require Special Course approval prior to e-Learning course application approval

CTE--Career and Technical Education Program Classification

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TRADE AND INDUSTRIAL	<u>Abbreviation/Code</u>	<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Online Career Management for Success	OCMS	*	Any Career and Technical Education Endorsement, **

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***e-Learning Training Required*

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CTE--Career and Technical Education Program Classification

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<u>SUBJECT</u>	<u>Abbreviation/Code</u>		<u>CTE</u>	<u>Endorsement/Employment Standards</u>
Kindergarten-Montessori	KM	9110		Montessori Certified
Kindergarten-Grandfathered	KG	9120		SDE Grandfathered Status
DCS Transient Care-General Education/Special Education	TC-GenEd/SpEd	9130		063, 064, 065, 066, 067, 068, 069, 105, 108, 460, 461, 462, 463, 464, 498
DCS Transient Care-General Education	TC-GenEd	9140		Any early childhood, elementary, secondary, Career and Technical or K-12 Endorsement

Online Courses

*Note: *e-Learning course application must be approved annually by The Office of Assessment, Evaluation, Research and e-Learning*

- *All Online Course Endorsement/Employment Standards are the same as the subject course title.*
- *All Online Courses can not be taught on a Permit or Waiver.*

Course Title	Abbreviation	Online Course Codes
OnLineEnglish III - International Baccalaureate, HL	OLA3HL	*
OnLineEnglish IV - International Baccalaureate, HL	OLA4HL	*
OnLineApplied Communication - English III or IV	OLA3/4	*
OnLineJournalism	OLJ	*
OnLineEnglish IV Advanced Placement/International Baccalaureate	OLA4 AP/IB	*
OnLineCompetency English	OLCE	*
OnLineEnglish III IB/AP	OLE3 IB/AP	*
OnLineCreative Writing	OLCW	*
OnLineSpeech	OLS	*
OnLineLanguage IB,SSL	OLL IB	*
OnLineSpanish III/IV Advanced Placement/International Baccalaureate	OLS3/4 AP/IB	*
OnLineSpanish II Advanced Placement/International Baccalaureate, SL	OLS2 AP/IB SL	*
OnLineSpanish III	OLS3	*
OnLineSpanish IV	OLS4	*
OnLineSpanish III/IV	OLS3/4	*
OnLineSpanish II/III	OLS2/3	*
OnLineSpanish I Advanced Placement/International Baccalaureate HL	OLS1 AP/IB HL	*
OnLineSpecial Courses – Spanish	OLSC SPAN	*
OnLineLatin I	OLL1	*
OnLineLatin II	OLL2	*
OnLineLatin III	OLL3	*
OnLineLatin IV	OLL4	*
OnLineLatin III/IV	OLL3/4	*
OnLineLatin II/III	OLL2/3	*
OnLineFrench Advanced Placement/International Baccalaureate, SL	OLF AP/IB SL	*
OnLineSpecial Courses – Latin	OLSC LAT	*
OnLineFrench I	OLF1	*
OnLineFrench II	OLF2	*
OnLineFrench III	OLF3	*
OnLineFrench IV	OLF4	*
OnLineFrench III/IV	OLF3/4	*

Course Title	Abbreviation	Online Course Codes
OnLineFrench II/III	OLF2/3	*
OnLineFrench Advanced Placement/International Baccalaureate, HL (for I.B. candidates with 3 or more years of experience)	OLF AP/IB HL	*
OnLineSpecial Courses – French	OLSC FREN	*
OnLineGerman III	OLGERM3	*
OnLineGerman IV	OLGERM4	*
OnLineGerman IB, SL	OLGERM IB SL	*
OnLineGerman III/IV	OLGERM3/4	*
OnLineGerman II/III	OLGERM2/3	*
OnLineSpecial Courses – German	OLSP GERM	*
OnLineRussian I	OLRUSS1	*
OnLineRussian II	OLRUSS2	*
OnLineRussian III	OLRUSS3	*
OnLineRussian IV	OLRUSS4	*
OnLineLanguage B, International Baccalaureate, AB Initio I	OLLB IB AB	*
OnLineLanguage B, International Baccalaureate, SL, AB Initio II	OLLB IB SL AB	*
OnLineRussian III/IV	OLRUSS3/4	*
OnLineRussian II/III	OLRUSS2/3	*
OnLineRussian International Baccalaureate, SL (students' w/3+ yrs. Exp.)	OLRUSS IB SL	*
OnLineSpecial Courses – Russian	OLSP RUSS	*
OnLineJapanese I	OLJAP1	*
OnLineJapanese II	OLJAP2	*
OnLineJapanese III	OLJAP3	*
OnLineJapanese IV	OLJAP4	*
OnLineEnglish As Second Language	OLEASL	*
OnLineTheory Of Knowledge International Baccalaureate	OLTOK IB	*
OnLineGateway English	OLGE	*
OnLineContent Area Reading	OLCAR	*
OnLineSpanish IV/Advanced Placement	OLSPAN4 AP	*
OnLineLatin IV/Advanced Placement	OLLAT4 AP	*
OnLineFrench IV/Advanced Placement	OLFREN4 AP	*
OnLineGerman IV/Advanced Placement	OLGERM4 AP	*

OnLineLatin IB,SL (students w/3+ yrs. Exp.)	OLL IB SL	*
OnLineJapanese III/IV	OLJAP3/4	*
OnLineJapanese II/III	OLJAP2/3	*
Course Title	Abbreviation	Online Course Codes
OnLineSpecial Courses – Japanese	OLSP JAP	*
OnLineChinese I	OLCHIN1	*
OnLineChinese II	OLCHIN2	*
OnLineChinese International Baccalaureate,SL (students' w/3+ yrs. exp.)	OLCHIN IB SL	*
OnLineArabic International Baccalaureate,SL (students' w/3+ yrs exp.)	OLARAB IB SL	*
OnLineJapanese International Baccalaureate,SL (students' w/3+ yrs. exp.)	OLJAP IB SL	*
OnLineInternational Baccalaureate Language B, HL (students' w/3+ yrs. Exp.)	OL IB LB HL	*
OnLineSpecial Courses - Language Arts	OLSC LARTS	*
OnLineSpecial Courses - Language Arts	OLSC L	*
OnLineMathematics I AP/IB	OLM1 AP/IB	*
OnLineMathematics II AP/IB	OLM2 AP/IB	*
OnLineMathematics II IB,HL	OLM2 IB/HL	*
OnLineComputer Science I.B., SL	OLCS IB SL	*
OnLineComputer Science I.B.,HL	OLCS IB HL	*
OnLineCalculus	OLCALC	*
OnLineTechnical Mathematics	OLTM	*
OnLineTechnical Geometry	OLTG	*
OnLineTechnical Algebra	OLTA	*
OnLineAdvanced Algebra & Trigonometry	OLAAT	*
OnLineIntegrated Mathematics I	OLIM1	*
OnLineIntegrated Mathematics II	OLIM2	*
OnLineIntegrated Mathematics III	OLIM3	*
OnLineDiscrete Mathematics with Statistics & Probability	OLDMSP	*
OnLineStatistics	OLSTAT	*
OnLinePre-Calculus International Baccalaureate	OLPREC IB	*
OnLineMathematics I International Baccalaureate, SL	OLM1 IB SL	*
OnLineAdvanced Placement Calculus AB/BC	OLAPCAL AB/BC	*
OnLineMath Studies I. International Baccalaureate, SL	OLMS1 IB SL	*
OnLineMath Studies II, International Baccalaureate, SL	OLMS2 IB SL	*

Course Title	Abbreviation	Online Course Codes
OnLineGateway Algebra	OLGALG	*
OnLineSpecial Courses – Mathematics	OLSC MATH	*
OnLineSpecial Courses – Mathematics	OLSCM	*
OnLineGeology	OLGEO	*
OnLineLife Science	OLLSCI	*
OnLineBiology II Advanced Placement	OLB2 AP	*
OnLineBiology II International Bacculaureate, SL/HL	OLBIO2 IB SL HL	*
OnLineBiology I International Bacculaureate, SL	OLB1 IB SL	*
OnLineSpecial Courses – Biology	OLSC BIO	*
OnLinePrinciples Of Technology I	OLPOTECH1	*
OnLineChemistry II International Bacculaureate, SL	OLCHEM2 IB SL	*
OnLineChemistry II	OLCHEM2	*
OnLineSpecial Courses – Chemistry	OLSC CHEM	*
OnLineBio. II International Baccaulaurate, SL	OLBIO2 IB SL	*
OnLineChemistry III International Baccaulaurate B.,SL	OLCHEM3 IBB SL	*
OnLinePhysics II I.B.,SL	OLPHYS2 IB SL	*
OnLinePhysics III International Bacculaureate, HL	OLOHYS3 IB HL	*
OnLineSpecial Courses – Physics	OLSCPHYS	*
OnLinePrinciples Of Technology II	OLPOTECH2	*
OnLineBiology For Technology	OLBIOTECH	*
OnLineEnvironmental Science	OLENVIR SCI	*
OnLineNutrition Science	OLNUT SCI	*
OnLineGateway Biology	OLG BIO	*
OnLineScientific Research	ONSCI RES	*
OnLineSpecial Courses – Science	OLSC SCI	*
OnLineSpecial Courses - Health & Physical Education	OLSC HPEDUC	*
OnLineSpecial Courses - Health & Physical Education	OLSC HPE	*
OnLineSpecial Courses – History	OLSC HIST	*
OnLineHistory Of The Americas I International Bacculaureate. HL (for IB Diploma students only)	OLHOA1 IB HL	*
OnLineSpecial Courses – Government	OLSC GOVT	*
OnLineHistory of the Americas II International Bacculaureate, HL (for IB diploma students only)	OLHOA2 IB HL	*

OnLineWorld Geography	OLWGEO	*
OnLineSpecial Courses – Geography	OLSC GEO	*
OnLineTennessee History	OLTN HIST	*
OnLineHistory of the Americas International Baccalaureate,SL/HL	OLHOA IB SL HL	*
OnLineHistory of the AmericasAdvanced Placement/International Baccalaureate, SL/HL	OLHOA AP/IB SL HL	*
Course Title	Abbreviation	Online Course Codes
OnLineAnthropology	OLANTHR	*
OnLineSpecial Courses – Economics	OLSC ECON	*
OnLineSociology	OLSOCIO	*
OnLinePsychology International Baccalaureate, SL	OLPSY IB SL	*
OnLineContemporary Issues	OLCONT ISS	*
OnLinePsychology International Baccalaureate,HL	OLPSY IB HL	*
OnLineWorld Arts and Cultures International Baccalaureate,SL	OLWAC IB SL	*
OnLineEconomics International Baccalaureate,SL	OLECON IB SL	*
OnLineGeography IB,SL	OLGEO IB SL	*
OnLineAfrican American History	OLAAHIST	*
OnLineAdvanced Placement World Geography	OLAP WGEO	*
OnLineAdvanced Placement World History	OLAPWHIST	*
OnLineAdvanced Placement Human Geography	OLAPHGEO	*
OnLineEcosystems and Society, IB,SL	OLECO SOC IB SL	*
OnLinePersonal Finance - Special Course	OLPER FIN	*
OnLineSpecial Courses - Social Studies	OLSC SOC STUD	*
OnLineSpecial Courses - Social Studies	OLSC SS	*
OnLineVisual Art II	OLVISART2	*
OnLineVisual Art III	OLVISART3	*
OnLineVisual Art IV	OLVISART4	*
OnLineGeneral Music	OLGENMUS	*
OnLineVisual Arts III/Advance Placement	OLVISART3 AP	*
OnLineMusic International Baccalaureate	OLMUS IB	*
OnLineVisual Arts International Baccalaureate SL-A	OLVISART IB SL	*
OnLineVisual Arts International Baccalaureate SL-B	OLVISART IB SL B	*
OnLineVisual Arts IB,SL	OLVISART IB SL	*
OnLineFilm IB,SL	OLFILM IB SL	*

Course Title	Abbreviation	Online Course Codes
OnLineArt Design International Bacculaureate HL	OLARTDES IB HL	*
OnLineTheory And Harmony	OLTHE HAR	*
OnLineArt History	OLART HIST	*
OnLineArt Design International Bacculaureate	OLART DES IB	*
OnLineMusic History	OLMUS HIST	*
OnLineTheatre Arts International Bacculaureate HL	OLTHEA ART IB HL	*
OnLineVisual Arts International BacculaureateB,SL/HL	OLVISART IBB SL HL	*
OnLineVisual Art I International Bacculaureate,HL	OLVISART1 IB HL	*
OnLineVisual Arts II International Bacculaureate,HL	OLVISART2 IB HL	*
OnLineVisual Art III/IV	OLVISART ¾	*
OnLineSpecial Courses – Music	OLSC MUS	*
OnLineSpecial Courses - Fine Arts	OLSC FINART	*
OnLineSpecial Courses – Fine Arts	OLSCFA	*
OnLineComputer Literacy	OLCOMP LIT	*
OnLineBASIC Programming	OL BASIC PROG	*
OnLinePASCAL Programming	OL PASCAL PROG	*
OnLineFORTRAN Programming	OL FORTRAN PROG	*
OnLineC Programming	OLC PROG	*
OnLineC++ Programming	OLC++ PROG	*
OnLineJAVA	OLJAVA	*
OnLineInteractive Multimedia Presentations	OLMULTI PRES	*
OnLineAdventures in Computing	OL ADVEN COMP	*
OnLineComputer Program C++/Computer Science AB/Advanced Placement	OLCOM PROG AP	*
OnLineTechnology Based Intervention	OLTECH BI	*
OnLineInternational Technology in a Global Society International Bacculaureate	OLINT TECH GS IB	*
OnLineInformation Tech. in a Global Society International Bacculaureate,HL	OLINFO TECH GS IB HL	*
OnLineSpecial Courses - Computer Technology	OLSC COMP TECH	*
OnLineSpecial Courses - Computer Technology	OLSC CT	*
OnLineAccounting I	OLACCT 1	*
OnLineAccount II	OLACCT 2	*
OnLineBusiness Communication	OLBUS COMM	*

OnLineAmerican Business/Legal Systems	OLABUS LEGSYS	*
OnLineAmerican Business/Legal Systems	OLABLS	*
OnLineBusiness Management	OLBUSMG	*
OnLineKeyboarding	OLKEYBOARD	*
OnLineFinancial Planning	OL FINANCE PL	*
OnLineKeyboarding	OL KEYBD	*
OnLineCareer Connections	OLCARCONN	*
OnLineFinancial Planning	OL FIN PLAN	*
Course Title	Abbreviation	Online Course Codes
OnLineComputer Applications	OL COMP APP	*
OnLineAmerican Business/Legal Systems	OLABL SYS	*
OnLineComputer Literacy	OLCOMP LIT	*
OnLineComputer Productivity Applications	OL COMP PROD APP	*
OnLineBASIC Programming	OLBASIC P	*
OnLineC++ Programming	OLC++P	*
OnLineAmerican Business/Legal Systems	OLABL	*
OnLineKeyboard/Document Layout & Design	OLKEYDLD	*
OnLineSpreadsheet Applications	OLSSA	*
OnLineIntegrated Input Technologies	OLII TECH	*
OnLineDatabase Design/Management	OLDDM	*
OnLineAdministrative Management	OLAM	*
OnLineDesktop Publishing	OLDP	*
OnLineInteractive Multimedia Presentations	OLINT MULT PRE	*
OnLineBusiness Economics	OLBUS ECO	*
OnLineInternational Business/Market	OLIBMAR	*
OnLineBusiness Economics	OLBE	*
OnLineInteractive Multimedia Presentations	OLINT MP	*
OnLineProgramming Application	OL PROG APP	*
OnLineInternational Business/Market	OLINT BM	*
OnLineBusiness Economics	OLBE	*
OnLineBanking And Finance	OLBANK FIN	*
OnLineVirtual Enterprise International	OLVIR ENT INT	*
OnLineWebsite – Foundations	OLW FOUN	*

OnLineWebpage Design - Site Designer	OLWD SD	*
OnLineWebpage Design – eCommerce	OLWD ECOMM	*
OnLineJAVA	OLJAVA	*
OnLineVirtual Enterprise International	OLVIR ENT INT	*
OnLineComputer Operating Systems & Hardware	OL COMP OSH	*
OnLineInformation Technology Foundations	OL INFO TECH F	*
OnLineBusiness Economics	OLBUEC	*
OnLineKeyboard/Document Formatting	OLKEYDF	*
OnLineNetworking Essentials	OLNET ESS	*
Course Title	Abbreviation	Online Course Codes
OnLineAccounting I	OLACCOUNT 1	*
OnLineAccounting II	OLLACCOUNT 2	*
OnLineSpecial Courses – Business Education	OLSCBUS EDUC	*
OnLineSpecial Courses – Information Technology	OLSC INFO TECH	*
OnLineTechnological Systems	OLTECH SYS	*
OnLineEngineering Processes	OLENGINE PRO	*
OnLineProblems and Solutions in Technology	OL PS TECH	*
OnLineVisual Communications	OLVIS COMM	*
OnLineWebsite – Foundations	OLWEB FOUND	*
OnLineWeb Page Design - Site Designer	OLWPD SD	*
OnLineWeb Page Design – eCommerce	OLWPD EC	*
OnLinePrinciples of Manufacturing	OLPRIN MAN	*
OnLinePrinciples of Machining & Manufacturing	OLPRIN MM	*
OnLinePrinciples of Engineering	OLPRIN ENG	*
OnLineDigital Electronics	OLPRIN ELEC	*
OnLineManufacturing Applications	OLMAN APP	*
OnLineComputer Aided Drafting	OLCOMPAID DRAFT	*
OnLineAdvanced Computer - Aided Drafting	OLADVCOMP AD	*
OnLineSpecial Courses - Manufacturing Cluster	OLSC MAN CLUS	*
OnLineSpecial Courses - Arts & Communication Cluster	OLSC ARTCC	*
OnLinePrinciples of Engineering (PLTW)	OLPRIN E	*
OnLineDigital Electronics (PLTW)	OLD ELEC	*
OnLineIntroduction to Engineering Design (PLTW)	OLINTRO ED	*

OnLineComputer Integrated Manufacturing (PLTW)	OLCOMP INTM	*
OnLineAerospace Engineering (PLTW)	OLAE	*
OnLineBiotechnical Engineering (PLTW)	OLBE	*
OnLineEngineering Design & Development (PLTW)	OLEDD	*
OnLineSpecial Courses – Technical Education	OLSCTE	*
OnLineMarketing & Management I – Principles	OLMM1PRIN	*
OnLineMarketing & Management II - Advanced Strategies	OLMM2AS	*
OnLineTravel & Tourism Operations	OLTTO	*
OnLineServices Marketing	OLSMARK	*
OnLineEntrepreneurship	OLENT	*
Course Title	Abbreviation	Online Course Codes
OnLineFinancial Services Marketing	OLFIN SM	*
OnLineTechnical Marketing	OLTECH M	*
OnLineExploration of Marketing & Management	OLEMM	*
OnLineInternational Business & Marketing	OLIBM	*
OnLineAdvertising & Public Relations	OLAPR	*
OnLineMarketing Research & Analysis	OLMRM	*
OnLineSales Management	OLSM	*
OnLineOrganizational Leadership	OLOL	*
OnLineWholesale Logistics Operations	OLWLO	*
OnLineRetail Operations	OLRO	*
OnLineSport & Entertainment Marketing	OLSEM	*
OnLineFoundations of the Hospitality Industry	OLFHI	*
OnLineLodging Operations/Hospitality Management	OLLOHM	*
OnLineMarketing & Management I Principles	OLMM1PR	*
OnLineServices Marketing	OLSM	*
OnLineEntrepreneurship	OLENTREP	*
OnLineFinancial Services Marketing	OLFINSERM	*
OnLineInternational Business & Marketing	OLINTBUSMAR	*
OnLineWholesale Logistics Operations	OLWLOPER	*
OnLineRetail Operations	OLROPER	*
OnLineVirtual Enterprise International – Marketing	OLVEIM	*
OnLineVirtual Enterprise International	OLVEI	*

OnLineSpecial Course – Marketing	OLSCMAR	*
OnLineAgricultural Business/Economic	OLABE	*
OnLineAgricultural Sales & Service	OLASALESSER	*
OnLineFundamentals of Agriculture	OLFA	*
OnLineAdvanced Principles of Agriculture	OLAPA	*
OnLineLeadership Development	OLLD	*
OnLinePrinciples of Veterinary Science	OLPVS	*
OnLinePrinciples of Agricultural Engineering	OLPAE	*
OnLineAgricultural Business/Economic	OLABE	*
OnLineAgricultural Sales & Service	OLASSERV	*
OnLineFundamentals of Agriculture	OLFAGR	*
Course Title	Abbreviation	Online Course Codes
OnLineAdvanced Principles of Agriculture	OLPRINAGR	*
OnLineLeadership Development	OLLDEV	*
OnLinePrinciples of Veterinary Science	OLPVETSCI	*
OnLinePrinciples of Agricultural Engineering	OLPAGRENG	*
OnLineCriminal Justice I	OLCJUS1	*
OnLineCriminal Justice II	OLCJUS2	*
OnLineDesign Principles of Cosmetology	OLD PCOSM	*
OnLineChemistry of Cosmetology	OLCHEM COS	*
OnLineCriminal Justice III	OLCJUS3	*
OnLineCriminal Justice II/III	OLCJUS4	*
OnLineSpecial Courses - Human Services	OLSCHS	*
OnLineFoundations of Hospitality Industry	OLFHI	*
OnLineSpecial Courses – Hospitality & Tourism	OLSCHT	*
OnLineSupport Services	OLSSERV	*
OnLineHealth Science Education	OLHSED	*
OnLineHealth Infomatics	OLHI	*
OnLineMedical Therapeutics	OLMT	*
OnLineNursing Education	OLNE	*
OnLineHealth Science Anatomy & Physiology	OLSAP	*
OnLineDiagnostic Medicine	OLDM	*
OnLineHealth Science Anatomy and Physiology	OLHSAP	*

OnLineBiomedical Applications	OLBA	*
OnLineForensic Science	OLFS	*
OnLineSpecial Courses - Health Science Education	OLSCHSE	*
OnLineAdult Living	OLAL	*
OnLineChild Development	OLCD	*
OnLineConsumer Economics	OLCE	*
OnLineFamily & Consumer Sciences	OLFCS	*
OnLineConsumer Economics	OLCE	*
OnLineFamily & Parenting Education	OLFPE	*
OnLineHousing & Interior Design	OLHID	*
OnLineInterpersonal Communications	OLIC	*
OnLineNutrition & Foods I	OLNF1	*
Course Title	Abbreviation	Online Course Codes
OnLineTextile & Apparel	OLTA	*
OnLineNutrition Science	OLNUT SCI	*
OnLineNutrition Science	OLNS	*
OnLineNutrition Science	OLNS	*
OnLineNutrition Science for Vocational Credit	OLNSVC	*
OnLineCareer Connections	OLCC	*
OnLineFoundations of the Hospitality Industry	OLFHI	*
OnLineSpecial Courses - Family & Consumer Science	OLSC FCON SC	*
OnLineSpecial Courses - Family & Consumer Science - Occupational	OLSC FC SO	*
OnLineSpecial Course - Family & Consumer Science	OLSCFCSCI	*
OnLineInformation Technology Foundations	OLITF	*
OnLineComputer Operating Systems & Hardware	OLCOSH	*
OnLineNetworking Essentials	OLNE	*
OnLineCabling Technology	OLCT	*
OnLineVisual Communications	OLVC	*
OnLineGraphic Communications I	OLGC1	*
OnLineGraphic Communications II	OLGC2	*
OnLineDigital Design & Imaging	OLPDI	*
OnLineMedia Concepts	OLMC	*
OnLineElectronic Media Production	OLEMP	*

OnLineElectronic Media Management & Operations	OLEMMO	*
OnLineWeb Page Design I – Foundation	OLWPD1 F	*
OnLineWeb Page Design II - Site Designer	OLWPD2 SD	*
OnLineSpecial Courses - Arts & Communication Cluster	OLSC ACC	*
OnLineWeb Page Design III – eCommerce	OLWPD3 EC	*
OnLineAudio Technology I	OLAT1	*
OnLineAudio Technology II	OLAT2	*
OnLineProgramming & Logic	OLPL	*
OnLinePrinciples of Manufacturing	OLPMAN	*
OnLinePrinciples of Machining & Manufacturing	OLP MAC MAN	*
OnLineDigital Electronics	OLDIG ELEC	*
OnLinePrinciples of Engineering	OL PRIN ENG	*
OnLineManufacturing Applications	OL MA	*
Course Title	Abbreviation	Online Course Codes
OnLineComputer Aided Drafting	OL CAD	*
OnLineAdvanced Computer - Aided Drafting	OL ACAD	*
OnLineSpecial Courses - Manufacturing Cluster	OLSC MC	*
OnLinePrinciples of Engineering (PLTW)	OL PE	*
OnLineDigital Electronics (PLTW)	OL DE	*
OnLineIntroduction to Engineering Design (PLTW)	OL IED	*
OnLineComputer Integrated Manufacturing (PLTW)	OL CIM	*
OnLineCivil Engineering & Architecture (PLTW)	OL CEA	*
OnLineAerospace Engineering (PLTW)	OL AE	*
OnLineBiotechnical Engineering (PLTW)	OL BIO ENG	*
OnLineEngineering Design & Development (PLTW)	OL EDD	*
OnLineModified Program - Math - Grades 7-12	OL MP MATH	*
OnLineModified Program - Science - Grades 7-12	OL MP SCI	*
OnLineModified Grades 7-12 (English)	OL MENG	*
OnLineModified Program - English - Grades 7-12	OL MP ENG	*
OnLineComprehensive Program - Grades 7-12	OL CP	*
OnLineSecondary Title 1 - Language Arts	OLS TITLE 1 LA	*
OnLineSecondary Title 1 – Math	OLS TITLE 1 MATH	*
OnLineAdult High School – Unstructured	OL AHS US	*

OnLineConsulting Teacher/Instructional Facilitator	OLCT IF	*
OnLineAlternative School/Program Grades 9-12	OL ASP	*
OnLineOther Vocational Courses at Technology Centers	OL OVC TC	*
OnLineModified Program - Grades 7-12	OL MP	*
OnLineComprehensive Program - Life Skills - Grades 7-12	OLCP LS	*
OnLineIntellectually Gifted Program - Grades 7-12	OL IGP	*
OnLineLanguage Program Grades 7-12	OL LP	*
OnLineS E Gateway English	OL SE GE	*
OnLineS E Gateway Algebra	OL SE GA	*
OnLineS E Gateway Biology	OL SE GB	*
OnLineConsulting Teacher/Instructional Facilitator	OL CT IF	*
OnLineAt Risk/Accelerated - Social Science – Grades 7-9	OL ARA SS	*
OnLineSpecial Courses – Tech Prep	OL SC TP	*

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

Note: Contact the Division of Accountability, Teaching and Learning for I.B. Course Codes

Subject: **Social Studies**

Course Title	Abbreviation	Endorsement/Employment Standards
History of the Americas, IB/AP, SL/HL	Hist Amer IB/AP, SL/HL	021, 250, 421
World Arts and Cultures, IB, SL	World Art IB, SL	021, 250, 421
Geography IB, SL	Geo IB, SL	021, 250, 422
Economics IB, SL	Econ IB, SL	024, 250, 424, 471
Psychology IB, HL	Psy IB/HL	080, 250, 426
History of the Americas IB, SL/HL	Hist Am IB, SL/HL	021, 250, 421
History of the Americas II I.B., HL	Hist Am II I.B., HL	021, 250, 421
History of the Americas I, IB, HL	Hist Am I, IB HL	021, 250, 421
Psychology IB, SL	Psy IB, SL	080, 250, 426

Subject: **Mathematics**

Course Title	Abbreviation	Endorsement/Employment Standards
Mathematics II IB, HL	Math 2, IB, HL	013, 413
Mathematics II, AP/IB	Math 2 AP/IB	013, 413
Mathematics I, AP/IB	Math 1, AP/IB	013, 413
Mathematics I I.B., SL	Math I, I.B., SL	013, 413
Math Studies I I.B., SL	Math Stu I I.B., SL	013, 413
Math Studies II I.B., SL	Math Stu 2 I.B., SL	013, 413

Subject: **Science**

Course Title	Abbreviation	Endorsement/Employment Standards
Ecosystems and Society, IB, SL	Ecosyst IB, SL	15, 16, 17, 211, 214, 414, 415, 416, 417, 418, 81
Physics II IB/SL	Physics 2 IB/SL	017, 214, 414, 417
Chemistry III IB, HL	Chem 3 IB, HL	016, 212, 416
Biology II IB, SL	Bio II IB, SL	015, 211, 415
Chemistry II I.B., SL	Chem 2 I.B., SL	016, 212, 416
Biology III, I.B., HL	Biol III, I.B., HL	015, 211, 415
Physics III, I.B., HL	Physics 3 I.B., HL	017, 214, 414, 417
Environmental Systems I.B., SL	Env Systems I.B., SL	15, 16, 17, 211, 214, 414, 415, 416, 417, 418, 81
Biology II I.B., SL/HL	Biol II I.B., SL/HL	015, 211, 415

Subject: Language Arts

Course Title	Abbreviation	Endorsement/Employment Standards
Language B, IB, SL, SB Initio II	Lang B, IB, SL, Ab Ini. II	4, 404,496
Language B, IB, SL Initio I	Lang B, IB, SL, Ab Ini I	4, 404,496
IB Language B, SSL	IB Lang B, SSL	4, 404,496
IB Language B, HL	IB Lang B, HL	4, 404,496
Japanese IB, SL	Japan, IB, SL	4, 404,496
Arabic IB, SL	Arabic IB, SL	4, 404,496
Chinese IB, SL	Chin IB, SL	4, 404,496
Russian IB, SL	Russ IB SL	6, 406, 494
Latin IB, SL	Latin IB SL	10, 410, 493
German IB, SL	German IB, SL	12, 412, 492
Language IB, SSL	Lng IB, SSL	4, 404, 496
Eng III IB/AP	Eng III IB/AP	007, 407
English III I.B. HL	Eng III I.B. HL	007, 407
English IV I.B. HL	Eng IV I.B. HL	007, 407
Spanish AP/IB, SL	Span AP/I.B. SL	009, 409, 495
Spanish AP/IB, HL	Span AP/I.B. HL	009, 409, 495
French AP/IB, SL	Fren AP/IB, SL	011, 411, 491
French AP/IB, HL	Fren AP/IB, HL	011, 411, 491

Subject: Fine Arts

Course Title	Abbreviation	Endorsement/Employment Standards
Theatre Arts II IB, HL	Th Art 2 I.B. HL	405
Theatre Arts I IB, HL	Th Art 1 I.B. HL	405
Visual Arts II IB, HL	Vis Art 2 I.B. HL	027, 427
Visual Arts I IB, HL	Vis Art I I.B. HL	027, 427
Visual Arts IB SL/HL	Vis Art I.B. SL/HL	027, 427
Film IB, HL	Film I.B., HL	405
Film IB, SL	Film I.B. SL	405
Music II IB, SL/HL	Mus 2 I.B. SL/HL	028, 029, 240, 241, 428, 429
Visual Arts IB, HL	Vis Art I.B., H.L	027,427
Art History AP/IB	Art Hist AP/I.B.	027, 427
Music Theory Ap/I.B.	Mus Theo AP/I.B.	028, 029, 240, 241, 428, 429
Visual Arts I.B., SL-B	Vis Art I.B. SL-B	027, 427
Visual Arts, I.B., SL-A	Vis Arts I.B., SL-A	027, 427