Subject Table Handbook Technology Education

Student Records System and Professional School Personnel System

September 2015–August 2016

Manitoba

SUBJECT TABLE HANDBOOK
TECHNOLOGY EDUCATION

Student Records System and Professional School Personnel System

Effective September 1, 2015 to August 31, 2016

2015

Education and Advanced Learning

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INTRODUCTION

PURPOSE

The purpose of the *Subject Table Handbook: Technology Education* is to support schools in the 2015-2016 school year by:
- providing basic information to assist schools in completing the Professional School Personnel system (PSP) forms
- providing basic information to schools for entering student records into the Student Records system (SRS)
- providing subject computer codes for courses developed by Education and Advanced Learning and for those approved or registered by the Department

A new edition of the *Subject Table Handbook* is provided at the beginning of each school year. It reflects changes to course codes, credits, etc. that apply for the upcoming school year. Schools are responsible for ensuring that they are using the appropriate edition of the Handbook when recording student marks for Professional Certification and Student Records Unit in Russell, Manitoba. **Note that schools must use the September 2014-June 2015 Subject Table Handbook for reporting 2014-2015 student marks in the summer and fall of 2015**.

This edition of the *Subject Table Handbook: Technology Education* is in effect from September 1, 2015 to August 31, 2016 and is available online at http://www.edu.gov.mb.ca/k12/docs/policy/sthte/index.html. Placing the Handbook online provides information about course codes, levels, and credits to accommodate schools in setting up their registrations and course offerings for the next school year. The online content will be updated several times during the year, but schools should exercise some caution when setting up their course codes.

A funding review in 1991 resulted in changes in the categorical grants for vocational programming. The changes moved funding from a program focus to a unit-credit focus. As a result, unit-credit titles have been identified for Technology Education-Vocational Industrial, Industrial Arts, and Home Economics. For those curricula developed and/or approved by the Department, committees of teachers met and unit-credit titles were identified. For those curricula developed at the local level, but approved by the Department, the teachers who delivered the courses submitted unit-credit titles for review to the Department. These two processes resulted in the identification of approximately eight hundred unit-credit titles. To meet the needs of students who want to maximize their Technology Education options in the Senior Years, half-credits have been identified for some Grade 9 and Grade 10 courses.

SENIOR YEARS CREDIT SYSTEM
The Senior Years (Grade 9 to Grade 12) credit system provides flexibility to enable students to pursue Senior Years courses best suited to their individual requirements and aspirations. Students may earn *one credit* by undertaking and successfully completing a course of study designed for a minimum of 110 hours of instruction. *Half credits* (courses designed for a minimum of 55 hours of instruction) may be earned in like manner. There are two categories of credits: Compulsory and Optional.

SENIOR YEARS COURSE IDENTIFICATION

Course Numbering

The present course numbering system comprises a 3-character, alpha-numeric code. The first and second characters are numerals, while the third is a letter.

- **First Character**
  - 1 - for courses developed for Grade 9
  - 2 - for courses developed for Grade 10
  - 3 - for courses developed for Grade 11
  - 4 - for courses developed for Grade 12
- **Second Character**
  - 0 - developed by Education and Advanced Learning for 1 credit
  - 5 - developed by Education and Advanced Learning for ½ credit
  - 1 - developed by schools or school divisions and registered by Education and Advanced Learning (includes SICs and SIPs)
  - 2 - externally developed by an educational authority and, in the case of dual credit, a post-secondary institution (e.g., university, out-of-country).
  - **Third Character**
    - G - General
    - F - Foundation
    - S - Specialized
    - E - EAL
    - M - Modified
    - I - Individualized
    - C - College-based
    - U - University-based

Course Designations

Foundation (F):   Educational experiences which are broadly based and appropriate for all students and which may lead to further studies beyond the Senior Years (e.g. apprenticeship, college, and university).

General (G):   General educational experiences for all students. The G designation will be retained for Independent Study and Teacher-Mediated courses in all areas until these courses are revised. Industrial Arts and Home Economics courses may be identified as General (G) or Specialized (S) at the Grade 11 and Grade 12 levels.

Specialized (S):   Educational experiences in specialized areas leading to further studies beyond the Senior Years (e.g., apprenticeship, college or university). Business Education and Marketing Education courses at Grade 10-12 and Vocational Industrial courses at Grade 9-12 are designated as Specialized.

EAL (E):   Educational experiences designed to focus on English as an Additional Language (EAL) learning goals in the context of the subject, based on the student's assessed level of EAL proficiency, and to assist the student in making the transition into regular Senior years programming in this content area. An EAL Individual Educational Plan (EAL-IEP) is required for each student.

Modified (M):   Educational experiences intended for students with significant cognitive disabilities and where the provincial subject area curriculum outcomes have been modified to take into account the learning requirements of a student; an Individual Education Plan (IEP) is required for each student.

Individualized (I):   Educational experiences intended for students with significant cognitive disabilities and that are developmentally and age appropriate and highly individualized to take into account the learning requirements of the student; an Individual Education Plan (IEP) is required for each student.

NOTE: Students in individualized programming do not use Education and Advanced Learning curricula. The designation indicates student participation in individualized programming. For example, 11I indicates year one of student participation in locally developed programming individualized for the student; 71I indicates year seven of such participation.

College-based (C):   Educational experiences at the college level that can be used for dual credits; credit at the Grade 11 and Grade 12 levels and also for the first year of college.

University-based (U):   Educational experiences at the first year university level that can be used for dual credits (credit at the Grade 12 level) for senior years graduation purposes and also for first year university.

Course Levels

Grade 9:   All subject area curricula, except vocational industrial, will be developed as foundation courses. Some technology education curricula may be developed as specialized courses. The Foundation (F) course designation will replace the General (G) course designation as new curricula comes into effect.

Grade 10:   As new curricula are introduced, all subject area curricula, except vocational industrial, science, and mathematics, will be developed as Foundation (F) courses. Some curricula for technology education, science, and mathematics may be developed as Specialized (S) courses.

Grade 11:   As new curricula are introduced, a variety of subject area curricula will be developed for different purposes, including a range of Foundation (F) and Specialized (S) courses.

Grade 12:   As new curricula are introduced, a variety of subject area curricula will be developed for different purposes, including a range of Foundation (F), and Specialized (S) courses. Currently, curricula are developed for General (G) and Specialized (S) courses. Courses that qualify for a U designation are first year University Courses. Those that qualify for a C designation are first year College courses. From Grade 9 to Grade 12, a particular Foundation, General and/or Specialized subject area curriculum can be modified on an individual basis via a student's Individual Education Plan following Departmental requirements. The M or E course designation then applies.

NOTE: No Departmental regulation will prevent a student from taking a designated course in one senior year and then switching to a different designation in a later year.

Examples:

Grade 9 Intro to Electronics (10S) Grade 9, developed or approved by Education and Advanced Learning for 1 credit, Specialized course.

Grade 9 Introduction to H.I. Tech (15S) Grade 9, developed or approved by Education and Advanced Learning for ½ credit, Specialized course.

Grade 9 Family Studies (15M) Grade 9, developed or approved by Education and Advanced Learning for ½ credit, General course modified in curriculum goals and objectives or outcomes to accommodate a student with significant cognitive disabilities according to the Individual Education Plan (IEP).

Grade 10 Family Studies (25G) Grade 10, developed or approved by Education and Advanced Learning for ½ credit, General course.

Grade 11 Machine Tool Technology (30G) Grade 11, developed or approved by Education and Advanced Learning for 1 credit, General course.

Calculus (1103/4) (42C) Grade 12, a first year college level course for dual credits, developed by a college and approved by Education and Advanced Learning for one-half credit, College-based course.

Introduction to Sociology (077.120) (42U) Grade 12, a first year university level course for dual credits, developed by a university and approved by Education and Advanced Learning for one credit, University-based course.

CHALLENGE FOR CREDIT

The Challenge for Credit Option offers students the opportunity to apply prior knowledge in a particular subject area by demonstrating achievement in the learning outcomes of that course/speciality and receiving credit for it. For information on *The Challenge for Credit Option* refer to http://www.edu.gov.mb.ca/k12/policy/gradreq/choice_attacha.pdf

CREDIT FOR COMMUNITY SERVICE (STUDENT-INITIATED PROJECT - SIP)

Students may earn one Community Service credit (in the form of a SIP) within the 30 credits for graduation. These SIPs consisting of volunteer service are not to be registered with the Department. A Community Service SIP course code (8977) is available. Guidelines for this SIP are available at http://www.edu.gov.mb.ca/k12/policy/gradreq/choice_attachb.pdf.

DISTANCE LEARNING COURSES
Students may take compulsory or optional courses in either print or online format including courses delivered from outside the province. Additional information on distance learning policy is available at http://www.edu.gov.mb.ca/k12/docs/policy/online_learning
In-province Courses: The course codes for in-province compulsory and optional distance learning courses that are based on Education and Advanced Learning curricula are the same codes that are used for in-class instruction e.g. 0092 ELA: A Comprehensive Focus 40S.
Out-of-province Courses: The distance learning optional courses delivered by an out-of-province educational authority will be reported using 12G, 22G, 32S, and 42S designations. Some broad categories of codes have been provided.

LOCALLY DEVELOPED TECHNOLOGY EDUCATION COURSES (LDTECs)
LDTECs are optional technical vocational courses developed by staff in schools which offer a complete, approved cluster. LDTECs do not replace any of the Departmentally-developed courses in that cluster. Their intent is to increase employment opportunities in a local area by addressing knowledge and skills that have been clearly identified by a local business and industry advisory council. LDTECs' outcomes are unique from the cluster of departmentally-developed courses (with the exception of outcomes related to health, safety and employability skills). LDTECs must be approved by the local school division and Manitoba Education and Advanced Learning, and registered annually. Their funding is consistent with unit-credit funding for Technology Education courses. School personnel should consult with the Department's Technology Education Consultant before initiating the development of an LDTEC.

POST-SECONDARY CREDITS AND SENIOR YEARS - DUAL CREDITS
Senior years students may take college and university courses for Senior Years graduation credits, for example, Introduction to Sociology (university course) and Safety in the Workplace (college course). The student receives a high school credit as well as a university/college credit. Students can earn a maximum of five (5) dual credits. The decision to participate is a school/school division decision. Funding of post-secondary and dual credits is also a local matter. Guidelines are available at http://www.edu.gov.mb.ca/k12/policy/gradreq/dc_guide_10.pdf.

SCHOOL-INITIATED COURSES (SICs) AND STUDENT-INITIATED PROJECTS (SIPs)
School-Initiated Courses (SICs) and Student-Initiated Projects (SIPs) information is available at http://www.edu.gov.mb.ca/k12/docs/support/ldc/ and provides the most current information on registration procedures.

SPECIAL LANGUAGE CREDIT OPTION
This credit option provides for the recognition of Manitoba's linguistic diversity. Students proficient in languages other than English or French are eligible. Only one special language credit may be earned at each of the Senior Years. Student marks can be reported as a percentage mark, however, "S" for "Standing" may be used for granting additional/prior credit(s). For further information refer to http://www.edu.gov.mb.ca/k12/docs/policy/lancredits/index.html.

SUBSTITUTION OF CREDITS IN UNUSUAL SITUATIONS
In exceptional circumstances, and in discussion with parents, a school administrator may approve the substitution of an optional course for a compulsory course. Substitution of credit is permitted for any compulsory subject. School divisions/schools can decide whether to allow substitution of credits. A maximum of two substitute credits may be used toward high school graduation. If a

course is substituted for another, the school must report the substitution to Student Records and note the substitution on the student's transcript. See http://www.edu.gov.mb.ca/k12/policy/gradreq/substituion_credits.pdf.

For example, A 40 level math course is required for graduation. If a student did not complete a 40 level math course, the school principal may substitute another course as credit toward graduation, such as Biology 40S substituted for Applied Math 40S. The student's mark for Biology 40S would appear on the student's transcript with a note that Biology 40S has been substituted for Applied Math 40S. The student's mark for Biology 40S would also be reported to Student Records and the school principal would submit a *Substitution of Credit* form to Student Records. The form would indicate that the student had completed Biology 40S as a substitution for Applied Math 40S.

TECHNOLOGY EDUCATION
The *Subject Table Handbook: Technology Education* divides the available unit-credit titles into three categories:
- Heavy Industrial (H.I.) encompasses those unit-credit titles that deal with heavy trades (indentured and non-indentured), and skills that require somewhat similar tools, usually outdoor working conditions, and similar processes.
- Light Industrial (L.I.) refers to those unit-credit titles that deal with light trades and occupations (indentured and non-indentured), and skills that require similar working conditions such as an indoor environment, paper- or computer-oriented media, and finer motor skills.
- Human Services (H.S.) includes those indentured and non-indentured trades and occupations that deal with the service sector, human condition, and people-oriented skills.

Details concerning the categories of clusters are in Appendix A. Curricula for Senior Years Technology Education Program clusters can be found at http://www.edu.gov.mb.ca/k12/cur/teched/sy_tech_program.html.

Industrial Arts
The Senior Years curricula for Industrial Arts were originally prepared for Grades 10 to 12. The structure of Grades 9 to 12 resulted in the re-designation of Industrial Arts 101, 201, and 301 curricula as Grades 10, 11, and 12 respectively. Half-credit versions of the Grade 9 and Grade 10 curricula have been identified for those schools that prefer to provide half-credits. Grade 9 programming is derived from the existing middle years/junior high curriculum for Grade 9. New course titles have been identified for the Industrial Arts unit-credits. Details concerning the categories of clusters are found in Appendix B.

Home Economics
Home Economics for the Senior Years includes curricula that were originally prepared for Grades 9 to 12. Half-credit versions of the Grade 9 and 10 curricula have been identified for those schools that prefer to provide half-credits. Details are found in Appendix C.

Business Education and Marketing Education
For Categorical Grant purposes, a series of at least eight Business Education and Marketing Education courses are selected. A marketing course grouping contains the five Marketing courses and at least three Business Education courses. Note that a selection of Department-developed Computer courses can also be used to satisfy the course requirement for Categorical Grant purposes. Business Education and Marketing Education unit-credit titles are **not** part of the unit-credit support.

Course Groupings

The unit-credit titles are listed under course groupings. This is a method for categorizing the unit-credit titles, and may or may not place the desired unit-credit title under an "approved course group" title for which a school has received approval. Schools are invited to build their local Technology Education programming, and to have them approved by the Department, by selecting unit-credit titles from one or more of the course groupings. For example, a construction course grouping may be designed to meet apprenticeship requirements, speciality skills associated with the trade, special interest options, or special needs programming. Such a grouping may be developed by taking unit-credit titles from the following headings: Building Construction/Carpentry, Electricity, Refrigeration and Air Conditioning; and/or Sheet Metal Works, and placing them within an approved course grouping title identified by the school and approved by Education and Advanced Learning.

<u>APPENDIX A</u>
Technology Education - Vocational Industrial (Heavy Industrial Cluster)
<u>Category</u>

I	Agriculture
I	Auto Body Repair/Collision Repair and Refinishing Technology
I	Building Construction
I	Electricity/Electrical Trades Technology
I	Heavy Duty Mechanics/Heavy Duty Equipment Technician
I	Horticulture and Landscaping/Horticulture
I	Industrial Electricity
I	Machine Shop/Machining Technology
I	Metals and Aerospace Technology/Aviation and Aerospace Technologies
I	Mineral Science
I	Power Mechanics/Automotive Technology
I	Refrigeration and Air Conditioning
I	Resources and Environmental Management
I	Sheet Metal Works
I	Welding/Welding Technology

Technology Education — Vocational Industrial (Light Industrial Cluster)
<u>Category</u>

II	Advertising Art
I	Audio Recording Production and Performance
II	Drafting/Design Drafting
I	Electronic Communications
I	Electronics/Electronics Technology
II	Fashion Technology and Design
I	Graphic Arts/Print Media
I	Industrial Electronics
I	Jewelry Arts/Jewellery and Metalsmithing
I	Microcomputer Systems Technician
I	Photography
I	Production Art
I	Radio and Television Broadcasting

Technology Education — Vocational Industrial (Human Services Cluster)
<u>Category</u>

I	Child Care
I	Cosmetology (Hairstyling - Nail Technician)/Hairstyling/Skin Care Technology/ Nail Technology
I	Dental Assisting
I	Dental Technology

I	Food Services/Culinary Arts
II	Health Care Assistant — CVE
II	Hotel Hospitality — CVE

APPENDIX B
Category 1: Industrial Arts

Code	Unit-Credit Title	Course Number			
7959	Graphic Communication Technology	15G	25G		
7958	Graphic Communication Technology	10G	20G	30G	40G
				30S	40S
7973	Electricity/Electronics Technology	15G	25G		
7974	Electricity/Electronics Technology	10G	20G	30G	40G
				30S	40S
7965	Power Mechanics Technology	10G	20G	30G	40G
				30S	40S
7966	Power Mechanics Technology	15G	25G		
7965	Power Mechanics Technology	10G	20G	30G	40G
				30S	40S
7981	Metalwork Technology	15G	25G		
7980	Metal work Technology	10G	20G	30G	40G
				30S	40S
7991	Woodwork Technology	15G	25G		
7990	Woodwork Technology	10G	20G	30G	40G
				30S	40S
7994	Construction Technology			40G	40S
7995	Furniture Design Technology			40G	40S
7996	Manufacturing Technology			40G	40S
7997	Applied Technology (Graphics, Electronics, Power Mech., Metalwork, Woodwork)				40S

Category II: Industrial Arts

Code	Unit-Credit Title	Course Number			
7952	Drafting Design Technology	15G	25G		
7953	Drafting Design Technology	10G	20G	30G	40G
				30S	40S
7997	Applied Technology (Drafting)				40S

APPENDIX C
Category II: Home Economics

Code	Unit-Credit Title	Course Number			
1118	Family Studies	10F	20F	30F	40F
				30S	40S
0485	Family Studies	15F	25F		
1109	Clothing, Housing, and Design	10G	20G	30G	40G
				30S	40S
0483	Clothing, Housing, and Design	15G	25G		
1119	Food and Nutrition	10G	20G	30G	40G
				30S	40S
0484	Food and Nutrition	15G	25G		
0482	Home Economics	10G	15G	20G	25G
				30G	40G

GRADUATION REQUIREMENTS FOR THE SENIOR YEARS TECHNOLOGY EDUCATION PROGRAM

To receive a Senior Years Technical Education diploma, a student must complete eight departmentally developed courses from an approved technical-vocational cluster, together with 16 compulsory credits and six optional credits. A Grade 11 Social Studies credit is not compulsory for Technology Education Program graduation.

Diploma Requirements	Credits Required for Graduation
Compulsory Credits	**16**
English Language Arts (1 credit per grade)	4
Mathematics (1 credit per grade)	4
Physical Education/Health Education (1 credit per grade)	4
Social Studies (1 credit in each of Grades 9 and 10)	2
Science (1 credit in each of Grades 9 and 10)	2
Approved Cluster of Compulsory Technology Education Credits	**8 to 14**
Optional Credits	**0 to 6**
Totals	**30**

CONTACT INFORMATION

Should you require clarification regarding Senior Years Technology Education curricula, program, or policy issues, please contact:

John Finch
Instruction, Curriculum and Assessment Branch
1567 Dublin Avenue
Winnipeg, Manitoba R3E 3J5
Telephone 204-945-7947 or Toll free 1-800-282-8069 (Ext. 0151)
Fax 204-945-1704
Email john.finch@gov.mb.ca

For clarification regarding technical information, please contact:

Help Desk (EIS Collection)
Telephone 204-926-3443 or Toll free 1-877-926-3443
Email AppSupportEISCOLL2@gov.mb.ca

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
HIGH SCHOOL APPRENTICESHIP PROGRAM

HIGH SCHOOL APPRENTICESHIP PROGRAM

Code	Description	Credits	Grade/Level
9801	HIGH SCHOOL APPRENTICESHIP PROGRAM 1	1.0	40S 40E 40M
9802	HIGH SCHOOL APPRENTICESHIP PROGRAM 2	1.0	40S 40E 40M
9803	HIGH SCHOOL APPRENTICESHIP PROGRAM 3	1.0	40S 40E 40M
9804	HIGH SCHOOL APPRENTICESHIP PROGRAM 4	1.0	40S 40E 40M
9805	HIGH SCHOOL APPRENTICESHIP PROGRAM 5	1.0	40S 40E 40M
9806	HIGH SCHOOL APPRENTICESHIP PROGRAM 6	1.0	40S 40E 40M
9807	HIGH SCHOOL APPRENTICESHIP PROGRAM 7	1.0	40S 40E 40M
9808	HIGH SCHOOL APPRENTICESHIP PROGRAM 8	1.0	40S 40E 40M

TECHNOLOGY EDUCATION
BUSINESS EDUCATION AND MARKETING EDUCATION

Code	Description	Credits	Grade/Level
0200	ACCOUNTING PRINCIPLES	1.0	30S 30E 30M

Note: Effective the 2015-2016 school year, Accounting Principles 30S, 30E, 30M
can no longer be reported as a mathematics credit to satisfy the Grade 11
compulsory credit requirement for graduation.

Code	Description	Credits	Grade/Level
0360	ECONOMICS	1.0	40S 40E 40M
0690	SEMINAR IN BUSINESS	1.0	40S 40E 40M
0820	SHORTHAND & TRANSCRIPTION	1.0	30S 30E 30M 40S 40E 40M
1224	FUTURES IN BUSINESS	.5	15G 15E 15M
1225	START YOUR OWN BUSINESS	.5	25G 25E 25M
1227	ACCOUNTING SYSTEMS	1.0	40S 40E 40M

Note: Effective the 2016-2017 school year, Accounting Systems 40S, 40E, 40M
can no longer be reported as a mathematics credit to satisfy the Grade 12
compulsory credit requirement for graduation.

Code	Description	Credits	Grade/Level
1251	MANAGEMENT	1.0	40S 40E 40M
1252	MARKETING PRACTICUM	1.0	40S 40E 40M
1265	PROMOTIONS	1.0	30S 30E 30M
1272	RELATIONS IN BUSINESS	1.0	30S 30E 30M
1273	RETAILING	1.0	20S 20E 20M
1274	AUTOMATED OFFICE	1.0	40S 40E 40M
1277	VISIONS AND VENTURES:ENTREPRENEURSHIP	1.0	30S 30E 30M

The following may be used to fulfill the minimum 8 credit requirement for an
approved Business Ed or Marketing Ed cluster: 0217 Applying Info & Comm Tech I,
0218 Applying Info & Communication Tech II, 0235 Data Collection & Analysis,
0223 Desktop Publishing, 0225 Interactive Websites, 0222 Print Communications,
0221 Relational Databases, 0234 Web Design, and 1270 Keyboarding.

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
HOME ECONOMICS

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0482  HOME ECONOMICS                              .0   6    7    8
                                                  .5   15G 15E 15M 25G 25E 25M
                                                  1.0  10G 10E 10M 20G 20E 20M 30G 30E
                                                       30M 40G 40E 40M
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Note: Code 0482 will end August 31, 2016 for grades 6, 7, and 8 only.
Schools should transition to Code 0486 Human Ecology for Sept. 1, 2016.

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0483  CLOTHING/HOUSING/DESIGN                     .5   15G 15E 15M 25G 25E 25M
0484  FOOD AND NUTRITION                          .5   15G 15E 15M 25G 25E 25M
0485  FAMILY STUDIES                              .5   15F 15E 15M 25E 25M 25F
1109  CLOTHING/HOUSING/DESIGN                     1.0  10G 10E 10M 20G 20E 20M 30S 30G
                                                       30E 30M 40S 40G 40E 40M
1118  FAMILY STUDIES                              1.0  10F 10G 10E 10M 20F 20G 20E 20M
                                                       30S 30E 30M 40S 40E 40M
1119  FOOD AND NUTRITION                          1.0  10G 10E 10M 20G 20E 20M 30S 30G
                                                       30E 30M 40S 40G 40E 40M
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Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL

ADVERTISING ART/GRAPHIC DESIGN

Code	Description	Credits	Grade/Level
8882	INTRO. LIGHT IND. TECH.	1.0	10S 10E 10M
8883	INTRO. LIGHT IND. TECH.	.5	15S 15E 15M
8379	GAME DESIGN & DEVELOPMENT	1.0	40S 40E 40M
8380	*INTRO TO ADVERTISING ART	1.0	10S 10E 10M
8381	*INTRO TO ADVERTISING ART	.5	15S 15E 15M

Note: The 2015-2016 school year is the final year for reporting the courses
that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8382	DRAWING	1.0	20S 20E 20M
8383	DESIGN	1.0	20S 20E 20M
8384	PRODUCTION ART	1.0	20S 20E 20M
8385	ILLUSTRATION	1.0	30S 30E 30M
8386	ADVERTISING LAYOUT	1.0	30S 30E 30M
8387	TYPE DESIGN	1.0	30S 30E 30M
8388	ADVANCED PRODUCTION ART	1.0	30S 30E 30M
8389	TYPOGRAPHY	1.0	40S 40E 40M
8390	GRAPHIC DESIGN	1.0	40S 40E 40M
8391	ADVANCED APPLICATIONS	1.0	40S 40E 40M
8392	PORTFOLIO MANAGEMENT	1.0	40S 40E 40M
8393	APPLIED ADVERTISING ART	1.0	40S 40E 40M
8394	L.I. TECH INITIATIVE	1.0	40S 40E 40M
8395	ANIMATION	1.0	40S 40E 40M
8396	DIGITAL IMAGING	1.0	40S 40E 40M
9135	EXPLORATION OF GRAPHIC DESIGN	.5	15S 15E 15M
		1.0	10S 10E 10M
9136	FUNDAMENTALS OF GRAPHIC DESIGN	1.0	20S 20E 20M
9137	GRAPHIC DESIGN AND LAYOUT	1.0	30S 30E 30M
9138	ILLUSTRATION FOR GRAPHIC DESIGN	1.0	30S 30E 30M
9139	INTERACTIVE GRAPHIC DESIGN	1.0	30S 30E 30M
9140	ADV. GRAPHIC DESIGN AND LAYOUT	1.0	40S 40E 40M
9141	ADV. ILLUSTRATION FOR GRAPHIC DESIGN	1.0	40S 40E 40M
9142	ADV. INTERACTIVE GRAPHIC DESIGN	1.0	40S 40E 40M
9144	GRAPHIC DESIGN PORTFOLIO	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

AUDIO RECORDING PRODUCTION AND PERFORMANCE/SOUND ENGINEERING

Code	Description	Credits	Grade/Level
8882	INTRO. LIGHT IND. TECH.	1.0	10S 10E 10M
8883	INTRO. LIGHT IND. TECH.	.5	15S 15E 15M
8400	*INTRO TO AUDIO	1.0	10S 10E 10M
8401	*INTRO TO AUDIO	.5	15S 15E 15M

Note: The 2015-2016 school year is the final year for reporting the courses
that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8402	INTRO TO MUSIC THEORY	1.0	20S 20E 20M
8403	INTRO TO MUSIC SKILLS	1.0	20S 20E 20M
8404	AUDIO ENGINEERING - LIVE	1.0	30S 30E 30M
8405	INTERMEDIATE MUSIC THEORY	1.0	30S 30E 30M
8406	HISTORY OF MUSIC	1.0	30S 30E 30M
8407	AUDIO ENGINEERING - STUDIO	1.0	30S 30E 30M
8408	ADVANCED MUSIC THEORY	1.0	40S 40E 40M
8409	ELECTRONIC MUSIC	1.0	40S 40E 40M
8410	APPLIED AUDIO	1.0	40S 40E 40M
8411	HISTORY OF MODERN MUSIC	1.0	40S 40E 40M
8412	ARRANGING	1.0	40S 40E 40M
8413	ADVANCED APPLIED AUDIO	1.0	40S 40E 40M
8431	INTRO TO RECORDING TECHNOLOGY	1.0	20S 20E 20M
8432	INTERMEDIATE RECORDING TECHNOLOGY	1.0	30S 30E 30M
8433	ADVANCED RECORDING TECHNOLOGY	1.0	40S 40E 40M
9165	EXPLORATION OF SOUND ENGINEERING	.5	15S 15E 15M
		1.0	10S 10E 10M
9166	INTRODUCTION TO SOUND ENGINEERING	1.0	20S 20E 20M
9167	MUSIC THEORY FOR SOUND ENGINEERING	1.0	30S 30E 30M
9168	SOUND ENGINEERING FOR STUDIO PRODUCTIOI	1.0	30S 30E 30M
9169	SOUND ENGINEERING FOR LIVE PERFORMANCE!	1.0	30S 30E 30M
9170	ADV. MUSIC THEORY FOR SOUND ENGINEERIN(	1.0	40S 40E 40M
9171	ADV. SOUND ENGINEERING FOR STUDIO PROD	1.0	40S 40E 40M
9172	ADV. SOUND ENGINEERING FOR LIVE PERF.	1.0	40S 40E 40M
9173	APPLIED SOUND ENGINEERING	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

DRAFTING/DESIGN DRAFTING

Code	Description	Credits	Grade/Level
8882	INTRO. LIGHT IND. TECH.	1.0	10S 10E 10M
8883	INTRO. LIGHT IND. TECH.	.5	15S 15E 15M
8424	*ADVANCED ARCHITECTURAL	1.0	40S 40E 40M
8425	*ADVANCED MECHANICAL	1.0	40S 40E 40M
8426	*ADVANCED CAD	1.0	40S 40E 40M
8427	*APPLIED ARCHITECTURAL	1.0	40S 40E 40M
8428	*APPLIED MECHANICAL	1.0	40S 40E 40M
8429	*APPLIED TOPOGRAPHICAL	1.0	40S 40E 40M
8430	*SPECIALIZED APPLICATIONS	1.0	40S 40E 40M

Note: The 2015-2016 school year is the final year for reporting the courses
that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8434	INTRODUCTION TO DESIGN DRAFTING	.5	15S 15E 15M
		1.0	10S 10E 10M
8435	DESIGN DRAFTING ESSENTIALS 1	1.0	20S 20E 20M
8436	DESIGN DRAFTING ESSENTIALS 2	1.0	30S 30E 30M
8437	ARCHITECTURAL DESIGN DRAFTING	1.0	30S 30E 30M
8438	ENGINEERING DESIGN DRAFTING	1.0	30S 30E 30M
8439	ADVANCED ENGINEERING DESIGN DRAFTING	1.0	40S 40E 40M
8648	ADVANCED ARCHITECTURAL DESIGN DRAFTING	1.0	40S 40E 40M
8649	APPLIED ARCHITECTURAL DESIGN DRAFTING	1.0	40S 40E 40M
8669	APPLIED ENGINEERING DESIGN DRAFTING	1.0	40S 40E 40M

ELECTRONIC COMMUNICATIONS

Code	Description	Credits	Grade/Level
8882	INTRO. LIGHT IND. TECH.	1.0	10S 10E 10M
8883	INTRO. LIGHT IND. TECH.	.5	15S 15E 15M
8475	INTRO TO ELECTRONIC COMMUNICATION	1.0	10S 10E 10M
8476	INTRO TO ELECTRONIC COMMUNICATION	.5	15S 15E 15M
8477	ELEMENTS OF BROADCASTING	1.0	20S 20E 20M
8478	BROADCASTING TECHNOLOGY	1.0	20S 20E 20M
8479	RESEARCH, WRITE AND PERFORM	1.0	30S 30E 30M
8480	TELEVISION PRODUCTION	1.0	30S 30E 30M
8481	PROGRAMMING FOR RADIO	1.0	30S 30E 30M
8482	QUALITY CONTROL	1.0	40S 40E 40M
8483	MEDIA LITERACY	1.0	40S 40E 40M
8484	BROADCASTING REGULATIONS	1.0	40S 40E 40M
8485	APPLIED ELEC. COMMUNICATIONS	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

ELECTRONICS/ELECTRONICS TECHNOLOGY

Code	Description	Credits	Grade/Level
8882	INTRO. LIGHT IND. TECH.	1.0	10S 10E 10M
8883	INTRO. LIGHT IND. TECH.	.5	15S 15E 15M
8442	*DC CIRCUITS	1.0	20S 20E 20M
8443	*AC CIRCUITS	1.0	20S 20E 20M

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that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8444	SEMICONDUCTOR DEVICES	1.0	30S 30E 30M
8445	SEMICONDUCTOR AMPLIFIERS	1.0	30S 30E 30M
8446	POWER CONTROL DEVICES	1.0	30S 30E 30M
8447	COMMUNICATION SYSTEMS	1.0	30S 30E 30M
8448	DIGITAL LOGIC	1.0	30S 30E 30M
8449	BASIC TECH APPLICATIONS	1.0	30S 30E 30M
8450	MICROPROCESSORS	1.0	30S 30E 30M
8451	INTRO CAD/CAM/CNC	1.0	30S 30E 30M
8452	MICROPROCESSOR INTERFACING	1.0	40S 40E 40M
8453	ADVANCED TECH APPLICATIONS	1.0	40S 40E 40M
8454	ADVANCED COMMUNICATIONS	1.0	40S 40E 40M
8455	TROUBLESHOOTING AND REPAIR	1.0	40S 40E 40M
8456	DIGITAL APPLICATIONS	1.0	40S 40E 40M
8457	ADVANCED CAD/CAM/CNC	1.0	40S 40E 40M
8458	ROBOTICS	1.0	40S 40E 40M
8459	FLUID POWER	1.0	40S 40E 40M
8460	MICROPROCESSOR APPLICATIONS	1.0	40S 40E 40M
8461	PROGRAMMABLE LOGIC CONTROLLERS	1.0	40S 40E 40M
8462	APPLIED ELECTRONICS	1.0	40S 40E 40M
9037	EXPLORATION OF ELECTRONICS TECHNOLOGY	.5	15S 15E 15M
		1.0	10S 10E 10M
9038	INTRODUCTION TO ELECTRONICS TECHNOLOGY	1.0	20S 20E 20M
9039	ELECTRONICS AC CIRCUIT FUNDAMENTALS	1.0	30S 30E 30M
9048	SEMICONDUCTOR TECH & SIGNAL DEVICES	1.0	30S 30E 30M
9049	SEMICONDUCTOR POWER DEVICES	1.0	30S 30E 30M
9050	DIGITAL DEVICES AND BASIC LOGIC	1.0	40S 40E 40M
9051	ADVANCED DIGITAL SYSTEMS	1.0	40S 40E 40M
9052	MICROPROCESSORS	1.0	40S 40E 40M
9053	MICROPROCESSOR APPLICATIONS	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

FASHION DESIGN AND TECHNOLOGY

Code	Description	Credits	Grade/Level
8882	INTRO. LIGHT IND. TECH.	1.0	10S 10E 10M
8883	INTRO. LIGHT IND. TECH.	.5	15S 15E 15M
8490	*INTRO TO FASHION TECHNOLOGY	1.0	10S 10E 10M
8491	*INTRO TO FASHION TECHNOLOGY	.5	15S 15E 15M

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Code	Description	Credits	Grade/Level
8492	FASHION PRODUCTION	1.0	20S 20E 20M
8493	FASHION DESIGN	1.0	30S 30E 30M
8494	PATTERN DESIGN	1.0	30S 30E 30M
8495	ADVANCED PATTERN DESIGN	1.0	30S 30E 30M
8496	ADVANCED FASHION PRODUCTION	1.0	30S 30E 30M
8497	ADVANCED FASHION DESIGN	1.0	30S 30E 30M
8498	PATTERN DESIGN APPLICATIONS	1.0	30S 30E 30M
8499	DESIGN APPLICATIONS	1.0	40S 40E 40M
8500	MACHINE KNITTING	1.0	40S 40E 40M
8501	FASHION ENTREPRENEURSHIP	1.0	40S 40E 40M
8502	APPLIED FASHION TECH	1.0	40S 40E 40M
9124	EXPLORATION OF FASHION DESIGN & TECH.	.5	15S 15E 15M
		1.0	10S 10E 10M
9125	INTRO. TO FASHION DESIGN & TECHNOLOGY	1.0	20S 20E 20M
9126	KNITWEAR DESIGN & CONSTRUCTION	1.0	30S 30E 30M
9127	SEMI-FORMAL WEAR DESIGN & CONSTRUCTION	1.0	30S 30E 30M
9128	PANT DESIGN & CONSTRUCTION	1.0	30S 30E 30M
9129	TAILORED GARMENT DESIGN & CONSTRUCTION	1.0	40S 40E 40M
9131	FORMAL WEAR DESIGN & CONSTRUCTION	1.0	40S 40E 40M
9132	APPLIED TEXTILE DESIGN	1.0	40S 40E 40M
9134	APPLIED FASHION ENTREPRENEURSHIP	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

GRAPHIC ARTS/PRINT MEDIA

Code	Description	Credits	Grade/Level
8882	INTRO. LIGHT IND. TECH.	1.0	10S 10E 10M
8883	INTRO. LIGHT IND. TECH.	.5	15S 15E 15M
8465	INTRODUCTION TO PRINT PRODUCTION	.5	15S 15E 15M
		1.0	10S 10E 10M
8466	PRINT PRODUCTION FUNDAMENTALS	1.0	20S 20E 20M
8467	DESIGN	1.0	30S 30E 30M
8468	PREPRESS	1.0	30S 30E 30M
8469	PRINT PRODUCTION	1.0	30S 30E 30M
8470	ADVANCED DESIGN	1.0	40S 40E 40M
8471	ADVANCED PREPRESS	1.0	40S 40E 40M
8472	ADVANCED PRINT PRODUCTION	1.0	40S 40E 40M
8473	APPLIED PRINT MEDIA	1.0	40S 40E 40M
8520	*ADVANCED PRESSWORK	1.0	40S 40E 40M
8521	*ADVANCED PLATEMAKING	1.0	40S 40E 40M
8522	*ADVANCED CAMERA	1.0	40S 40E 40M
8523	*ADVANCED DESKTOP PUBLISHING	1.0	40S 40E 40M
8524	*ADVANCED COMPOSITION	1.0	40S 40E 40M
8525	*BINDING AND FINISHING	1.0	40S 40E 40M
8526	*APPLIED GRAPHICS	1.0	40S 40E 40M

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that have an asterisk next to them. These codes will end August 31, 2016.

INDUSTRIAL ELECTRONICS

Code	Description	Credits	Grade/Level
8882	INTRO. LIGHT IND. TECH.	1.0	10S 10E 10M
8883	INTRO. LIGHT IND. TECH.	.5	15S 15E 15M
8537	*ELECTRONIC TEST EQUIPMENT	1.0	30S 30E 30M
8538	*ELECTRONIC FABRICATION TECHNIQUES	1.0	30S 30E 30M
8539	*ELECTRONIC COMPONENT FUNDAMENTALS	1.0	30S 30E 30M
8540	*ELECTRONIC CIRCUIT FUNDAMENTALS	1.0	30S 30E 30M

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that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8541	POWER ELECTRONICS	1.0	40S 40E 40M
8542	APPLIED IND. ELECTRONICS	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

INFORMATION SCIENCE (STEINBACH REG. SEC. SCHOOL ONLY)

Code	Description	Credits	Grade/Level
8022	INTRO. COMPUTER PROBLEM SOLVING	1.0	20S 20E 20M
8023	WINDOWS GUI DEVELOPMENT	1.0	30S 30E 30M
8024	DIGITAL PRINT MEDIA TECHNOLOGY	1.0	30S 30E 30M
8039	NETWORK TECHNOLOGIES	1.0	30S 30E 30M
8040	E-MEDIA PRESENTATION TECHNOLOGY	1.0	30S 30E 30M
8041	GRAPHICS AND GAMING ALGORITHMS	1.0	40S 40E 40M
8042	DATABASE DESIGN AND APPLICATIONS	1.0	40S 40E 40M
8043	DIGITAL IMAGE PROCESSING	1.0	40S 40E 40M
8044	WEB INFO. DESIGN AND APPLICATION	1.0	40S 40E 40M
8260	ADV. MULTIMEDIA DEVELOPMENT	1.0	40S 40E 40M
8263	ADV. PRINT PRODUCTION	1.0	40S 40E 40M
8264	ADV. VIDEO PRODUCTION	1.0	40S 40E 40M

INTERACTIVE DIGITAL MEDIA

Code	Description	Credits	Grade/Level
9093	EXPLORTN. OF INTERACTIVE DIGITAL MEDIA	.5	15S 15E 15M
		1.0	10S 10E 10M
9094	INTRO. TO INTERACTIVE DIGITAL MEDIA	1.0	20S 20E 20M
9095	INTERACTIVE DIGITAL MEDIA DESIGN	1.0	30S 30E 30M
9096	INTERACTIVE DIGITAL ASSET CREATION	1.0	30S 30E 30M
9097	CODING FOR INTERACTIVE DIGITAL MEDIA	1.0	30S 30E 30M
9098	ADV. INTERACTIVE DIGTL. ASSET CREATION	1.0	40S 40E 40M
9099	ADV. CODING FOR INTERACTV. DIGTL.MEDIA	1.0	40S 40E 40M
9100	PROJ. MGMT. FOR INTERACTV. DIGTL.MEDIA	1.0	40S 40E 40M
9101	FUTURES IN INTERACTIVE DIGITAL MEDIA	1.0	40S 40E 40M

INTRODUCTION TO LIGHT INDUSTRIAL TECHNOLOGY

Code	Description	Credits	Grade/Level
8882	INTRO. LIGHT IND. TECH.	1.0	10S 10E 10M
8883	INTRO. LIGHT IND. TECH.	.5	15S 15E 15M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

JEWELLERY ARTS/JEWELLERY AND METALSMITHING

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8882  INTRO. LIGHT IND. TECH.            1.0    10S 10E 10M
8883  INTRO. LIGHT IND. TECH.             .5    15S 15E 15M
8552  *CASTING AND FABRICATION           1.0    30S 30E 30M
8553  *PRODUCTION TECHNIQUES             1.0    30S 30E 30M
8554  *CONSTRUCTION AND SOLDERING        1.0    30S 30E 30M
8555  *FORMING TECHNIQUES                1.0    30S 30E 30M
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8556  ADV. CONSTRUCTION & SOLDERING      1.0    40S 40E 40M
8557  GEM SETTING                        1.0    40S 40E 40M
8558  ADV. GEM SETTING                   1.0    40S 40E 40M
8559  JEWELLERY REPAIR TECHNIQUES        1.0    40S 40E 40M
8560  JEWELLERY STUDIO                   1.0    40S 40E 40M
8768  EXPLOR OF JEWELLERY METALSMITHING   .5    15S 15E 15M
                                         1.0    10S 10E 10M
8769  INTRO JEWELLERY METALSMITHING      1.0    20S 20E 20M
8799  LOST WAX CASTING                   1.0    30S 30E 30M
8814  BASIC CONSTRUCTION AND SOLDERING   1.0    30S 30E 30M
8823  FORGING AND FORMING                1.0    30S 30E 30M
8824  JEWELLERY REPAIR                   1.0    40S 40E 40M
8838  ADVANCED CONSTRUCTION & SOLDERING  1.0    40S 40E 40M
8839  GEM SETTING                        1.0    40S 40E 40M
8840  ADVANCED GEM SETTING               1.0    40S 40E 40M
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Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

MICROCOMPUTER SYSTEMS TECHNICIAN

Code	Description	Credits	Grade/Level
8882	INTRO. LIGHT IND. TECH.	1.0	10S 10E 10M
8883	INTRO. LIGHT IND. TECH.	.5	15S 15E 15M
8098	NETWORKING TECHNOLOGY II	1.0	40S 40E 40M
8099	NETWORKING TECHNOLOGY III	1.0	40S 40E 40M
8397	ADV. WEB AUTHORING	1.0	40S 40E 40M
8398	WEB GRAPHICS	1.0	40S 40E 40M
8399	PROJECT MANAGEMENT FUNDAMENTALS	1.0	40S 40E 40M
8763	COMPUTER PROGRAMMING	1.0	40S 40E 40M
8890	*INTRO TO MST	1.0	10S 10E 10M
8891	*INTRO TO MST	.5	15S 15E 15M

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Code	Description	Credits	Grade/Level
8892	EXPLORING INDUSTRY HARDWARE	1.0	20S 20E 20M
8893	OPERATING SYSTEMS 1	1.0	30S 30E 30M
8894	APPLICATION SOFTWARE	1.0	30S 30E 30M
8895	ADVANCED OPERATING SYSTEMS	1.0	30S 30E 30M
8896	BASICS AND TROUBLESHOOTING	1.0	30S 30E 30M
8897	CUSTOMER SERVICE SKILLS	1.0	40S 40E 40M
8898	TROUBLESHOOTING PERSONAL COMPUTERS	1.0	40S 40E 40M
8899	NETWORKING TECHNOLOGY	1.0	40S 40E 40M
8900	CONFIGURING SYSTEMS	1.0	40S 40E 40M
8947	INTRODUCTION TO WEB AUTHORING	1.0	30S 30E 30M
8964	INTERMEDIATE WEB AUTHORING	1.0	40S 40E 40M
8976	NETWORKING TECHNOLOGY IV	1.0	40S 40E 40M
8978	DATABASE FUNDAMENTALS & MS ACCESS	1.0	40S 40E 40M

NETWORKING AND CYBER SECURITY

Code	Description	Credits	Grade/Level
9102	EXPLOR. OF NETWORKING & CYBER SECURITY	.5	15S 15E 15M
		1.0	10S 10E 10M
9103	HARDWARE & SOFTWARE ESSENTIALS	1.0	20S 20E 20M
9104	OPERATING SYSTEMS	1.0	30S 30E 30M
9105	NETWORKING TECHNOLOGIES	1.0	30S 30E 30M
9106	CYBER SECURITY ESSENTIALS	1.0	30S 30E 30M
9107	ADVANCED OPERATING SYSTEMS	1.0	40S 40E 40M
9108	ADVANCED NETWORKING TECHNOLOGIES	1.0	40S 40E 40M
9109	SERVER ADMINISTRATION	1.0	40S 40E 40M
9111	APPLIED NETWORKING & CYBER SECURITY	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

PHOTOGRAPHY

Code	Description	Credits	Grade/Level
8882	INTRO. LIGHT IND. TECH.	1.0	10S 10E 10M
8883	INTRO. LIGHT IND. TECH.	.5	15S 15E 15M
8565	*INTRO TO PHOTOGRAPHY	1.0	10S 10E 10M
8566	*INTRO TO PHOTOGRAPHY	.5	15S 15E 15M

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that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8567	PHOTOGRAPHY EQUIPMENT	1.0	20S 20E 20M
8568	COMPOSITION AND DESIGN	1.0	20S 20E 20M
8569	LIGHTING	1.0	30S 30E 30M
8570	DARKROOM APPLICATIONS	1.0	30S 30E 30M
8571	BASIC STUDIO	1.0	30S 30E 30M
8572	FORMAT PHOTOGRAPHY	1.0	30S 30E 30M
8573	MONOCHROME PHOTOGRAPHY	1.0	30S 30E 30M
8574	COLOUR PHOTOGRAPHY	1.0	30S 30E 30M
8575	COLOUR TRANSPARENCIES	1.0	30S 30E 30M
8576	ADVANCED STUDIO	1.0	40S 40E 40M
8577	ADVANCED LIGHTING	1.0	40S 40E 40M
8578	PORTRAIT PHOTOGRAPHY	1.0	40S 40E 40M
8579	PRODUCT PHOTOGRAPHY	1.0	40S 40E 40M
8580	MULTI-MEDIA	1.0	40S 40E 40M
8581	PORTFOLIO MANAGEMENT	1.0	40S 40E 40M
8582	ADVANCED COLOUR PHOTOGRAPHY	1.0	40S 40E 40M
8583	APPLIED PHOTOGRAPHY	1.0	40S 40E 40M
9156	EXPLORATION OF PHOTOGRAPHY	.5	15S 15E 15M
		1.0	10S 10E 10M
9157	INTRODUCTION TO PHOTOGRAPHY	1.0	20S 20E 20M
9158	PHOTOGRAPHIC EQUIPMENT	1.0	30S 30E 30M
9159	PHOTOGRAPHIC LIGHTING	1.0	30S 30E 30M
9160	DIGITAL DARKROOM	1.0	30S 30E 30M
9161	ADV. PHTOGRAPHIC EQUIPMENT	1.0	40S 40E 40M
9162	ADV. PHOTOGRAPHIC LIGHTING	1.0	40S 40E 40M
9163	ADV. DIGITAL DARKROOM	1.0	40S 40E 40M
9164	APPLIED PHOTOGRAPHY	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

PRODUCTION ART

Code	Description	Credits	Grade/Level
8882	INTRO. LIGHT IND. TECH.	1.0	10S 10E 10M
8883	INTRO. LIGHT IND. TECH.	.5	15S 15E 15M
8595	*EXPLORING PRODUCTION ART	1.0	10S 10E 10M
8596	*EXPLORING PRODUCTION ART	.5	15S 15E 15M

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that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8597	DRAWING	1.0	20S 20E 20M
8598	DESIGN AND LAYOUT	1.0	20S 20E 20M
8599	COMPUTER IMAGING	1.0	30S 30E 30M
8600	CAMERA-READY ART	1.0	30S 30E 30M
8601	RELATED PHOTOGRAPHY	1.0	30S 30E 30M
8602	NEGATIVE ASSEMBLY	1.0	30S 30E 30M
8603	PRINTING AND PRESS OPERATION	1.0	40S 40E 40M
8604	JOB READINESS	1.0	40S 40E 40M
8605	ADVANCED COMPUTER IMAGING	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

RADIO AND TELEVISION BROADCASTING/BROADCAST MEDIA TECHNOLOGY

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8882  INTRO. LIGHT IND. TECH.              1.0    10S 10E 10M
8883  INTRO. LIGHT IND. TECH.               .5    15S 15E 15M
8610  *INTRO TO BROADCASTING               1.0    10S 10E 10M
8611  *INTRO TO BROADCASTING                .5    15S 15E 15M
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that have an asterisk next to them. These codes will end August 31, 2016.

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8612  BROADCASTING THEORY                  1.0    20S 20E 20M
8613  OPERATION OF EQUIPMENT               1.0    20S 20E 20M
8614  SCRIPTING AND PLANNING               1.0    30S 30E 30M
8615  PRODUCTION APPLICATIONS              1.0    30S 30E 30M
8616  INTERMEDIATE BROADCASTING            1.0    30S 30E 30M
8617  INTERMEDIATE EQUIPMENT               1.0    30S 30E 30M
8618  INTERMEDIATE SCRIPTING               1.0    30S 30E 30M
8619  INTERMEDIATE PRODUCTION              1.0    30S 30E 30M
8620  ADVANCED BROADCASTING                1.0    40S 40E 40M
8621  ADVANCED EQUIPMENT                   1.0    40S 40E 40M
8622  ADVANCED SCRIPTING                   1.0    40S 40E 40M
8623  ADVANCED PRODUCTION                  1.0    40S 40E 40M
9114  EXPLORATION OF BROADCAST MEDIA TECH.  .5    15S 15E 15M
                                           1.0    10S 10E 10M
9116  INTRO. TO BROADCAST MEDIA TECHNOLOGY 1.0    20S 20E 20M
9117  VIDEO POST-PRODUCTION FOR BROAD. MEDIA 1.0  30S 30E 30M
9118  VIDEO POST-PRODUCTION FOR BROAD. MEDIA 1.0  30S 30E 30M
9119  SINGLE CAMERA PRODTN. FOR BROAD. MEDIA 1.0  30S 30E 30M
9120  ELECTRONIC NEWS GATHERING-BROAD. MEDIA 1.0  40S 40E 40M
9121  DOCUMENTARY & FILM PROD.-BROAD. MEDIA 1.0   40S 40E 40M
9122  ADV. MULTI-CAMERA PROD.-BROAD. MEDIA  1.0   40S 40E 40M
9123  APPLIED BROADCAST MEDIA TECHNOLOGY   1.0    40S 40E 40M
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Code	Description	Credits	Grade/Level		

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL

AGRICULTURE

Code	Description	Credits	Grade/Level		
8880	INTRO. HEAVY IND. TECH.	1.0	10S	10E	10M
8881	INTRO. HEAVY IND. TECH.	.5	15S	15E	15M
8000	INTRO TO AGRICULTURE	1.0	10S	10E	10M
8001	INTRO TO AGRICULTURE	.5	15S	15E	15M
8002	ANIMAL PRODUCTION	1.0	20S	20E	20M
8003	PLANT PRODUCTION	1.0	20S	20E	20M
8004	INTRO HORTICULTURE	1.0	20S	20E	20M
8005	INTRO FARM SKILLS	1.0	20S	20E	20M
8006	INTERMEDIATE HORTICULTURE	1.0	30S	30E	30M
8007	ADVANCED HORTICULTURE	1.0	40S	40E	40M
8008	BEEF CATTLE	1.0	40S	40E	40M
8009	BROILERS	1.0	40S	40E	40M
8010	DAIRY	1.0	40S	40E	40M
8011	FARM MACHINERY	1.0	40S	40E	40M
8012	HONEY BEES	1.0	40S	40E	40M
8013	LAYING HENS	1.0	40S	40E	40M
8014	SHEEP	1.0	40S	40E	40M
8015	SWINE	1.0	40S	40E	40M
8016	TURKEYS	1.0	40S	40E	40M
8017	APPLIED AGRICULTURE	1.0	40S	40E	40M
8018	H.I. TECH INITIATIVE	1.0	40S	40E	40M
8074	AGRICULTURE SCIENCE	1.0	20S	20E	20M
8075	INTRO. TO BIOTECHNOLOGY	1.0	30S	30E	30M
8076	ANIMAL SCIENCE	1.0	30S	30E	30M
8077	ADVANCED BIOTECHNOLOGY	1.0	40S	40E	40M
8080	AGRIBUSINESS	1.0	40S	40E	40M
8124	APPLIED BIOTECHNOLOGY	1.0	40S	40E	40M
8138	AGRONOMY	1.0	40S	40E	40M

AIRCRAFT MAINTENANCE TECHNOLOGY

Code	Description	Credits	Grade/Level		
8504	EXPLORING AIRCRAFT MAINT TECH	.5	15S	15E	15M
		1.0	10S	10E	10M
8527	INTRO AIRCRAFT MAINT TECH	1.0	20S	20E	20M
8528	AIRCRAFT ENGINES	1.0	30S	30E	30M
8529	AIRCRAFT GROUND HANDLING	1.0	30S	30E	30M
8530	AIRCRAFT DRAWINGS & DOCUMENTS	1.0	30S	30E	30M
8531	AIRCRAFT STRUCTURES & MATERIALS	1.0	40S	40E	40M
8532	AIRCRAFT HARDWARE	1.0	40S	40E	40M
8533	AIRCRAFT STRUCTURAL REPAIR	1.0	40S	40E	40M
8534	AIRCRAFT SYSTEMS	1.0	40S	40E	40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

AUTO BODY REPAIR/COLLISION REPAIR & REFINISHING TECHNOLOGY

Code	Description	Credits	Grade/Level
8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M
8027	*AUTO BODY METALS	1.0	20S 20E 20M
8028	*MINOR DAMAGE REPAIR	1.0	20S 20E 20M

Note: The 2015-2016 school year is the final year for reporting the courses
that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8029	INTRO TO PAINT PREP	1.0	30S 30E 30M
8030	BODY ALIGNMENT	1.0	30S 30E 30M
8031	COMPONENT REPAIR/REPLACEMENT	1.0	30S 30E 30M
8032	ELECTRICAL & MECHANICAL SERVICE	1.0	30S 30E 30M
8033	REFINISHING PREPARATION	1.0	30S 30E 30M
8034	COLLISION REPAIR	1.0	40S 40E 40M
8035	PAINTING AND REFINISHING	1.0	40S 40E 40M
8036	SHOP MANAGEMENT	1.0	40S 40E 40M
8037	ADVANCED REFINISHING	1.0	40S 40E 40M
8038	APPLIED AUTO BODY	1.0	40S 40E 40M
9028	EXPL OF COLLISION REPAIR & REFINISH TE(	.5	15S 15E 15M
		1.0	10S 10E 10M
9029	INTRO TO COLLISION REPAIR & REFINISH TI	1.0	20S 20E 20M
9030	FUNDAMENTALS OF COLLSN REPAIR & REFINSI	1.0	30S 30E 30M
9031	AUTOMOTIVE METALS & WELDING	1.0	30S 30E 30M
9032	CORROSION PROTECTION	1.0	30S 30E 30M
9033	DAMAGE ANALYSIS AND STRUCTURAL REPAIRS	1.0	40S 40E 40M
9034	WELD-ON & BOLT-ON PANEL REPLACEMENT	1.0	40S 40E 40M
9035	SURFACE PREPARATION & REFINISHING	1.0	40S 40E 40M
9036	COLOUR THEORY & CAREER PREPARATION	1.0	40S 40E 40M

BAKING AND PASTRY ARTS

Code	Description	Credits	Grade/Level
8231	EXPLORING BAKING & PASTRY ARTS	.5	15S 15E 15M
		1.0	10S 10E 10M
8324	INTRO BAKING AND PASTRY ARTS	1.0	20S 20E 20M
8338	QUICK BREADS COOKIES DOUGHNUTS PIES	1.0	30S 30E 30M
8339	YEAST DOUGH PRODUCTS	1.0	30S 30E 30M
8358	CAKES, FILLINGS, ICINGS AND DECORATION	1.0	30S 30E 30M
8359	TARTS & SPECIAL PASTRIES	1.0	40S 40E 40M
8374	MODERN & CLASSIC DESSERTS & PLATING	1.0	40S 40E 40M
8375	ADVANCED BREAD PRODUCTS	1.0	40S 40E 40M
8998	ADVANCED BAKING & PASTRIES	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

BUILDING CONSTRUCTION/CARPENTRY

Code	Description	Credits	Grade/Level
8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M
8063	*CONSTRUCTION ELECTRICAL	1.0	40S 40E 40M
8064	*STAIRS	1.0	40S 40E 40M
8065	*HEATING AND AIR CONDITIONING	1.0	40S 40E 40M
8066	*ADVANCED APPLIED CONSTRUCTION	1.0	40S 40E 40M
8067	*ROOF FRAMING	1.0	40S 40E 40M
8068	*SPRAY PAINTING	1.0	40S 40E 40M
8069	*INTERIOR DESIGN	1.0	40S 40E 40M
8070	*WALLCOVERINGS	1.0	40S 40E 40M
8071	*APPLIED DECORATING	1.0	40S 40E 40M
8073	*ADVANCED MACHINES	1.0	40S 40E 40M

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that have an asterisk next to them. these codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8584	INTRODUCTION TO CARPENTRY	.5	15S 15E 15M
		1.0	10S 10E 10M
8585	CARPENTRY FUNDAMENTALS	1.0	20S 20E 20M
8586	FOUNDATIONS AND FLOOR FRAMING	1.0	30S 30E 30M
8587	WALL AND BASIC ROOF FRAMING	1.0	30S 30E 30M
8588	MILLWORK	1.0	30S 30E 30M
8589	ADVANCED FRAMING	1.0	40S 40E 40M
8590	EXTERIOR FINISHING	1.0	40S 40E 40M
8591	INTERIOR FINISHING	1.0	40S 40E 40M
8592	ADVANCED MILLWORK	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

CHILD CARE

Code	Description	Credits	Grade/Level
8884	INTRO. HUMAN SERVICES TECH.	1.0	10S 10E 10M
8885	INTRO. HUMAN SERVICES TECH.	.5	15S 15E 15M
8650	INTRO TO CHILD CARE	1.0	10S 10E 10M
8651	INTRO TO CHILD CARE	.5	15S 15E 15M
8652	INTRO TO INFANTS	1.0	20S 20E 20M
8653	INTRO TO PRESCHOOL	1.0	20S 20E 20M
8654	CHILDREN'S BEHAVIOUR	1.0	30S 30E 30M
8655	CURRICULUM IDEAS	1.0	30S 30E 30M
8656	HUMAN DEVELOPMENT	1.0	30S 30E 30M
8657	CHILD CARE TECHNIQUES	1.0	30S 30E 30M
8658	INTRO TO SCHOOL AGE	1.0	30S 30E 30M
8659	INTRO TO APPLIED CHILD CARE	1.0	30S 30E 30M
8660	HISTORICAL PERSPECTIVES	1.0	30S 30E 30M
8661	COMMUNICATION SKILLS	1.0	30S 30E 30M
8662	FAMILY DYNAMICS & CHILD ABUSE	1.0	40S 40E 40M
8663	CURRICULUM PLANNING	1.0	40S 40E 40M
8664	ADVANCED PRESCHOOL	1.0	40S 40E 40M
8665	ADVANCED SCHOOL AGE	1.0	40S 40E 40M
8666	APPLIED CHILD CARE	1.0	40S 40E 40M
8667	ADVANCED APPLIED CHILD CARE	1.0	40S 40E 40M
8668	H.S. TECH INITIATIVE	1.0	40S 40E 40M

COSMETOLOGY (ESTHETICIAN)/SKIN CARE TECHNOLOGY

Code	Description	Credits	Grade/Level
8112	*SKIN CARE BASICS	1.0	30S 30E 30M
8113	*SKIN CARE	1.0	30S 30E 30M

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that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8114	ADVANCED SKIN CARE	1.0	40S 40E 40M
8122	MAKE-UP ARTISTRY	1.0	40S 40E 40M
8123	APPLIED ESTHETICS	1.0	40S 40E 40M
9063	EXPLORATION OF ESTHETICS	.5	15S 15E 15M
		1.0	10S 10E 10M
9064	INTRODUCTION TO ESTHETICS	1.0	20S 20E 20M
9068	BASIC SKIN CARE	1.0	30S 30E 30M
9069	INTERMEDIATE SKIN CARE	1.0	30S 30E 30M
9074	ADVANCED SKIN CARE	1.0	30S 30E 30M
9075	APPLIED SKIN CARE	1.0	40S 40E 40M
9076	HAIR REMOVAL	1.0	40S 40E 40M
9077	MAKE-UP ARTISTRY	1.0	40S 40E 40M
9078	SPA SERVICES	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

COSMETOLOGY (NAIL TECHNICIAN)/NAIL TECHNOLOGY

8760	*MANICURES & PEDICURES	1.0	30S 30E 30M

Note: The 2015-2016 school year is the final year for reporting the courses
that have an asterisk next to them. These codes will end August 31, 2016.

8761	ARTIFICIAL NAILS	1.0	40S 40E 40M
8762	PRACTICE & STUDY OF NAILS	1.0	40S 40E 40M
9065	MANICURE AND PEDICURE TREATMENTS	1.0	30S 30E 30M
9066	ARTIFICIAL NAILS	1.0	40S 40E 40M
9067	APPLIED NAIL TECHNOLOGY	1.0	40S 40E 40M

Note: 9063 Exploration of Esthetics and 9064 Introduction to Esthetics
(see previous page) are also part of Nail Technology.

DENTAL ASSISTING

8884	INTRO. HUMAN SERVICES TECH.	1.0	10S 10E 10M
8885	INTRO. HUMAN SERVICES TECH.	.5	15S 15E 15M
8563	INTRODUCTION TO DENTAL ASSISTING	1.0	30S 30E 30M
8564	HUMAN BODY SYSTEMS	1.0	30S 30E 30M
8593	RESTORATIVE DENTISTRY	1.0	30S 30E 30M
8594	DENTAL OFFICE ADMINISTRATION	1.0	30S 30E 30M
8606	INTRA-ORAL SKILLS I	1.0	40S 40E 40M
8607	INTRA-ORAL SKILLS II	1.0	40S 40E 40M
8608	DENTAL SPECIALTIES	1.0	40S 40E 40M
8609	INTRODUCTION TO PATIENT CARE	1.0	40S 40E 40M

DENTAL TECHNOLOGY

8884	INTRO. HUMAN SERVICES TECH.	1.0	10S 10E 10M
8885	INTRO. HUMAN SERVICES TECH.	.5	15S 15E 15M
8624	INTRO DENTAL TECH REMOVABLE PROST	1.0	30S 30E 30M
8625	DESIGN AND FAB REMOVABLE PROST	1.0	30S 30E 30M
8626	INTRODUCTION TO ORTHODONTICS	1.0	30S 30E 30M
8627	DESIGN FAB ORTHODONTIC APPLIANCES	1.0	30S 30E 30M
8628	INTRO FIXED PROST: CROWN & BRIDGE	1.0	40S 40E 40M
8629	DESIGN FAB FIXED PROST CROWN BRIDGE	1.0	40S 40E 40M
8670	INTRO TO DENTAL CERAMIC TECHNOLOGY	1.0	40S 40E 40M
8671	DESIGN FAB CERAMIC RESTORATIONS	1.0	40S 40E 40M

Code   Description   **Credits   Grade/Level**

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

ELECTRICITY/ELECTRICAL TRADES TECHNOLOGY

Code	Description	Credits	Grade/Level		
8880	INTRO. HEAVY IND. TECH.	1.0	10S	10E	10M
8881	INTRO. HEAVY IND. TECH.	.5	15S	15E	15M
8127	*TWO ELEMENT DEVICES	1.0	20S	20E	20M
8128	*THREE ELEMENT DEVICES	1.0	20S	20E	20M

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that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level		
8129	RESIDENTIAL WIRING	1.0	30S	30E	30M
8130	INDUSTRIAL WIRING	1.0	30S	30E	30M
8131	DC MACHINES	1.0	30S	30E	30M
8132	AC MACHINES	1.0	30S	30E	30M
8133	AC MOTOR CONTROLS	1.0	40S	40E	40M
8134	DIGITAL TECHNIQUES	1.0	40S	40E	40M
8135	THREE PHASE POWER	1.0	40S	40E	40M
8136	MICRO CONTROL	1.0	40S	40E	40M
8137	APPLIED ELECTRICITY	1.0	40S	40E	40M
9054	EXPLORATION OF ELECTRICAL TRADES TECH.	.5	15S	15E	15M
		1.0	10S	10E	10M
9055	INTRODUCTION TO ELECTRICAL TRADES TECH	1.0	20S	20E	20M
9056	ELECTRICAL TRADES DC FUNDAMENTALS	1.0	30S	30E	30M
9057	RESIDENTIAL WIRING	1.0	30S	30E	30M
9058	ELECTRICAL WIRING METHODS	1.0	30S	30E	30M
9059	ADVANCED RESIDENTIAL WIRING	1.0	40S	40E	40M
9060	ELECTRICAL TRADES AC FUNDAMENTALS	1.0	40S	40E	40M
9061	ADVANCED ELECTRICAL WIRING METHODS	1.0	40S	40E	40M
9062	APPLIED ELECTRICAL TRADES TECHNOLOGY	1.0	40S	40E	40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL *(cont'd)*

FOOD SERVICES/CULINARY ARTS

8884	INTRO. HUMAN SERVICES TECH.	1.0	10S 10E 10M
8885	INTRO. HUMAN SERVICES TECH.	.5	15S 15E 15M
8262	*QUICK BREADS AND COOKIES	1.0	40S 40E 40M
8782	*KITCHEN MANAGEMENT	1.0	40S 40E 40M
8783	*ADVANCED BAKING AND DESSERTS	1.0	40S 40E 40M
8784	*SPECIAL PRESENTATIONS	1.0	40S 40E 40M
8785	*ADVANCED MEAT CUTTING	1.0	40S 40E 40M
8786	*APPLIED FOOD SERVICES	1.0	40S 40E 40M
8787	*SPECIAL PASTRIES	1.0	40S 40E 40M
8788	*BAKERY MANAGEMENT	1.0	40S 40E 40M
8789	*WEDDING/OCCASIONAL CAKES	1.0	40S 40E 40M

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that have an asterisk next to them. These codes will end August 31, 2016.

8790	EXPLORATION OF THE CULINARY ARTS	.5	15S 15E 15M
		1.0	10S 10E 10M
8791	COOKING PRINCIPLES	1.0	20S 20E 20M
8792	GARDE MANGER	1.0	30S 30E 30M
8793	PATISSERIE AND BAKING	1.0	30S 30E 30M
8794	VEG, FUNGI, STARCHES & FARINACEOUS PROI	1.0	30S 30E 30M
8795	STOCKS, SOUPS AND SAUCES	1.0	40S 40E 40M
8796	BREAKFAST AND DAIRY	1.0	40S 40E 40M
8797	MENU PLANNING AND FOOD COSTING	1.0	40S 40E 40M
8798	MEATS, POULTRY, FISH AND SEAFOOD	1.0	40S 40E 40M

HAIRSTYLING

8884	INTRO. HUMAN SERVICES TECH.	1.0	10S 10E 10M
8885	INTRO. HUMAN SERVICES TECH.	.5	15S 15E 15M
8312	INTRODUCTION TO HAIRSTYLING	1.0	20S 20E 20M
8313	BASIC HAIRSTYLING	1.0	20S 20E 20M
8314	BASIC HAIRCUTTING & THERMAL STYLING	1.0	20S 20E 20M
8315	RELATED SALON SERVICES	1.0	20S 20E 20M
8316	INTERMEDIATE HAIRCUTTING & BARBER TECH	1.0	30S 30E 30M
8317	HAIR COLOURING	1.0	30S 30E 30M
8318	INTERMEDT. HAIRSTYLING & ARTIFCL. HAIR	1.0	30S 30E 30M
8319	CHEMICAL TEXTURE SERVICES	1.0	30S 30E 30M
8320	ADVANCED HAIRSTYLING AND COLOURING	1.0	40S 40E 40M
8321	ADVANCED HAIRCUTTING & CHEMICAL TEXTURI	1.0	40S 40E 40M
8322	SALON OPERATION	1.0	40S 40E 40M
8323	CERTIFICATE PREPARATION	1.0	40S 40E 40M
9113	EXPLORATION OF HAIRSTYLING	.5	15S 15E 15M
		1.0	10S 10E 10M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

HEALTH CARE ASSISTANT CVE

Code	Description	Credits	Grade/Level
8884	INTRO. HUMAN SERVICES TECH.	1.0	10S 10E 10M
8885	INTRO. HUMAN SERVICES TECH.	.5	15S 15E 15M
8800	INTRO TO HEALTH CARE ASSISTANT	1.0	10S 10E 10M
8801	INTRO TO HEALTH CARE ASSISTANT	.5	15S 15E 15M
8802	THE LIFE CYCLE	1.0	40S 40E 40M
8803	HUMAN RELATIONS	1.0	40S 40E 40M
8804	SAFETY IN HEALTH CARE	1.0	40S 40E 40M
8805	BODY MECHANICS AND MOVEMENT	1.0	40S 40E 40M
8806	NUTRITION AND HYGIENE	1.0	40S 40E 40M
8807	PROCEDURES AND TREATMENTS	1.0	40S 40E 40M
8808	AGING AND RELATED DISORDERS	1.0	40S 40E 40M
8809	LIFE MANAGEMENT	1.0	40S 40E 40M
8810	PALLIATIVE CARE	.5	45S 45E 45M
8811	CONCEPTS FOR PRACTICE	1.0	40S 40E 40M
8812	PERSONAL CARE SKILLS AND NEEDS	1.0	40S 40E 40M
8813	HEALTH & LIFESPAN DEVELOPMENT	.5	45S 45E 45M

HEAVY DUTY MECHANICS/HEAVY DUTY EQUIPMENT TECHNICIAN

Code	Description	Credits	Grade/Level
8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M
8079	*COMPUTER & ELECTRICAL FUNDAMENTALS	1.0	30S 30E 30M
8149	*SERVICING DIESELS	1.0	30S 30E 30M
8150	*H.D. BRAKE SYSTEMS	1.0	30S 30E 30M
8151	*DIESEL FUEL SYSTEMS	1.0	30S 30E 30M

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that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8152	H.D. ELECTRICAL SYSTEMS	1.0	40S 40E 40M
8153	H.D. DRIVE TRAINS	1.0	40S 40E 40M
8154	H.D. HYDRAULIC SYSTEMS	1.0	40S 40E 40M
8155	APPLIED H.D. MECHANICS	1.0	40S 40E 40M
8672	EXPLORATION HEAVY DUTY EQUIP TECH	.5	15S 15E 15M
		1.0	10S 10E 10M
8673	INTRO HEAVY DUTY EQUIPMENT TECH	1.0	20S 20E 20M
8674	DIESEL ENGINE FUNDAMENTALS SERVICE	1.0	30S 30E 30M
8675	CHASSIS, FRAME AND UNDERCARRIAGE SYSTEI	1.0	30S 30E 30M
8676	WELDING PROCESSES AND FUELS	1.0	30S 30E 30M
8677	STD TRANS DRIVELINES TRANSFER CASE	1.0	40S 40E 40M
8678	TIRES WHEELS BRAKE ASSEMBLIES	1.0	40S 40E 40M
8679	ELECT FUND COMPUTER DIAGNOS EQUIP	1.0	40S 40E 40M
8704	APPLIED HEAVY DUTY EQUIP TECH	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

HEAVY INDUSTRIAL

Code	Description	Credits	Grade/Level
8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M

HORTICULTURE AND LANDSCAPING/HORTICULTURE

Code	Description	Credits	Grade/Level
8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M
8164	*PROPAGATION	1.0	30S 30E 30M
8165	*FERTILIZER	1.0	30S 30E 30M
8166	*PLANT IDENTIFICATION	1.0	30S 30E 30M
8167	*APPLIED GREENHOUSE TECHNIQUES	1.0	30S 30E 30M

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that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8168	HOUSE PLANT MAINTENANCE	1.0	40S 40E 40M
8169	DISEASE CONTROL	1.0	40S 40E 40M
8170	OUTSIDE MAINTENANCE	1.0	40S 40E 40M
8171	APPLIED HORTICULTURE	1.0	40S 40E 40M
8172	APPLIED LANDSCAPING	1.0	40S 40E 40M
8717	EXPLORATION OF HORTICULTURE	.5	15S 15E 15M
		1.0	10S 10E 10M
8718	INTRODUCTION TO HORTICULTURE	1.0	20S 20E 20M
8719	APPLIED HORTICULTURE	1.0	30S 30E 30M
8733	INTRO LANDSCAPE MAINTENANCE & CONST	1.0	30S 30E 30M
8734	INTRO GREENHOUSE MAINTENANCE & PROD	1.0	30S 30E 30M
8764	ADVANCED HORTICULTURE	1.0	40S 40E 40M
8765	APPL LANDSCAPE MAINTENANCE & CONST	1.0	40S 40E 40M
8766	APPL GREENHOUSE MAINTENANCE & PROD	1.0	40S 40E 40M
8767	ARBORICULTURE	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

HOTEL HOSPITALITY CVE

Code	Description	Credits	Grade/Level
8884	INTRO. HUMAN SERVICES TECH.	1.0	10S 10E 10M
8885	INTRO. HUMAN SERVICES TECH.	.5	15S 15E 15M
8825	BEVERAGE SERVICES	1.0	40S 40E 40M
8826	DINING ROOM SKILLS	1.0	20S 20E 20M 40S 40E 40M
8827	FOOD PREPARATION	1.0	40S 40E 40M
8828	CUSTOMER SERVICES	1.0	40S 40E 40M
8829	HOTEL AND CONSUMER MATH	1.0	40S 40E 40M
8830	TOURISM	1.0	40S 40E 40M
8831	RECEPTION DESK SKILLS	1.0	40S 40E 40M
8832	HOUSEKEEPING SKILLS	1.0	40S 40E 40M
8833	MANAGEMENT SKILLS	1.0	40S 40E 40M
8834	APPLIED RECEPTION SERVICES	1.0	40S 40E 40M
8835	APPLIED FOOD PREP	1.0	40S 40E 40M
8836	APPLIED DINING ROOM SERVICES	1.0	40S 40E 40M
8837	APPLIED MANAGEMENT	1.0	40S 40E 40M

INDUSTRIAL ELECTRICITY

Code	Description	Credits	Grade/Level
8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M
8187	*AC MACHINES AND TRANSFORMERS	1.0	20S 20E 20M
8188	*INTRO TO MOTOR CONTROLS	1.0	20S 20E 20M

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that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8189	CANADIAN ELECTRICAL CODE	1.0	30S 30E 30M
8190	INTERMEDIATE MOTOR CONTROLS	1.0	30S 30E 30M
8191	ADVANCED MOTOR CONTROLS	1.0	40S 40E 40M
8192	APPLIED IND. ELECTRICITY	1.0	40S 40E 40M

INTRODUCTION TO HEAVY INDUSTRIAL TECHNOLOGY

Code	Description	Credits	Grade/Level
8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M

INTRODUCTION TO HUMAN SERVICES TECHNOLOGY

Code	Description	Credits	Grade/Level
8884	INTRO. HUMAN SERVICES TECH.	1.0	10S 10E 10M
8885	INTRO. HUMAN SERVICES TECH.	.5	15S 15E 15M

INTRODUCTION TO HUMAN SERVICES TECHNOLOGY

Code	Description	Credits	Grade/Level
8884	INTRO. HUMAN SERVICES TECH.	1.0	10S 10E 10M
8885	INTRO. HUMAN SERVICES TECH.	.5	15S 15E 15M

INTRODUCTION TO HUMAN SERVICES TECHNOLOGY

Code	Description	Credits	Grade/Level
8884	INTRO. HUMAN SERVICES TECH.	1.0	10S 10E 10M
8885	INTRO. HUMAN SERVICES TECH.	.5	15S 15E 15M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

INTRODUCTION TO HUMAN SERVICES TECHNOLOGY

8884	INTRO. HUMAN SERVICES TECH.	1.0	10S 10E 10M
8885	INTRO. HUMAN SERVICES TECH.	.5	15S 15E 15M

INTRODUCTION TO LIGHT INDUSTRIAL TECHNOLOGY

8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M

INTRODUCTION TO LIGHT INDUSTRIAL TECHNOLOGY

8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M

INTRODUCTION TO LIGHT INDUSTRIAL TECHNOLOGY

8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M

MACHINE SHOP/MACHINING TECHNOLOGY

8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M
8219	*LATHE AND SHAPER	1.0	30S 30E 30M
8220	*MILLING AND GRINDING	1.0	30S 30E 30M
8221	*INTERMEDIATE LATHE	1.0	30S 30E 30M
8222	*ADVANCED LATHE	1.0	30S 30E 30M

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that have an asterisk next to them. These codes will end August 31, 2016.

8223	ADVANCED MILLING	1.0	40S 40E 40M
8224	C.N.C. MACHINING	1.0	40S 40E 40M
8225	APPLIED MACHINING TECH	1.0	40S 40E 40M
8226	ADVANCED C.N.C.	1.0	40S 40E 40M
8841	EXPLORATION MACHINING TECHNOLOGY	.5	15S 15E 15M
		1.0	10S 10E 10M
8842	BENCH METAL	1.0	20S 20E 20M
8843	DRILL PRESS AND METAL CUTTING SAWS	1.0	30S 30E 30M
8844	LATHE OPERATIONS AND GRINDING I	1.0	30S 30E 30M
8854	MILLING OPERATIONS I	1.0	30S 30E 30M
8855	LATHE OPERATIONS AND GRINDING II	1.0	40S 40E 40M
8856	MILLING OPERATIONS II	1.0	40S 40E 40M
8857	APPLIED MACHINING MANUFACTUR TECH	1.0	40S 40E 40M
8858	CNC MACHINING	1.0	40S 40E 40M

Code   **Description**   **Credits**   **Grade/Level**

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

METALS/AVIATION AND AEROSPACE TECHNOLOGIES

Code	Description	Credits	Grade/Level
8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M
8254	*AIRCRAFT STRUCTURES	1.0	30S 30E 30M
8255	*AIRFRAME REPAIR	1.0	30S 30E 30M
8256	AIRCRAFT WELDING	1.0	40S 40E 40M
8257	APPLIED AEROSPACE TECH	1.0	40S 40E 40M
8258	*INTRO. TO STRUCTURAL COMPONENTS	1.0	30S 30E 30M

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that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8259	COMPOSITE FABRICATION	1.0	40S 40E 40M
8543	EXPLOR AVIATION & AEROSPACE TECH	.5	15S 15E 15M
		1.0	10S 10E 10M
8544	INTRO AVIATION & AEROSPACE TECH	1.0	20S 20E 20M
8545	AIRCRAFT COMPONENTS & FUNCTIONS	1.0	30S 30E 30M
8546	AIRCRAFT MATERIALS AND FABRICATION	1.0	30S 30E 30M
8547	RECIPROCATING ENGINES	1.0	30S 30E 30M
8548	AIRCRAFT STRUCTURE AND REPAIR	1.0	40S 40E 40M
8549	AIRCRAFT ELECTRICAL SYSTEMS	1.0	40S 40E 40M
8561	AIRCRAFT SYSTEMS AND PROPULSION	1.0	40S 40E 40M
8562	APPLIED AVIATION AERO TECH	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

MINERAL SCIENCE/MINING ENGINEERING TECHNOLOGY

Code	Description	Credits	Grade/Level
8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M
8265	*INTRO TO MINING TECH	1.0	10S 10E 10M
8266	*INTRO TO MINING TECH	.5	15S 15E 15M

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that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8267	SOLAR SYSTEM	1.0	20S 20E 20M
8268	SURVEYING LEVELS	1.0	20S 20E 20M
8269	ROCKS AND FOSSILS	1.0	30S 30E 30M
8270	SURVEY TRANSITS	1.0	30S 30E 30M
8271	INTRO TO CHEMICAL ENGINEERING	1.0	30S 30E 30M
8272	GEOLOGIC PROCESSES	1.0	40S 40E 40M
8273	APPLIED SURVEYING	1.0	40S 40E 40M
8274	INTRO TO CIVIL ENGINEERING	1.0	40S 40E 40M
8275	APPLIED MINERAL SCIENCE	1.0	40S 40E 40M
9145	INTRODUCTION TO MINING ENGINEERING	.5	15S 15E 15M
		1.0	10S 10E 10M
9146	MINING ENGINEERING TECHNOLOGY	1.0	20S 20E 20M
9147	DRAFTING FOR MINING ENGINEERING	1.0	30S 30E 30M
9148	GEOLOGICAL ENGINEERING	1.0	30S 30E 30M
9149	SURVEYING FOR MINING ENGINEERING	1.0	30S 30E 30M
9152	ADVANCED GEOLOGICAL ENGINEERING9152	1.0	40S 40E 40M
9153	MINERAL PROCESSING	1.0	40S 40E 40M
9154	ADV. SURVEYING FOR MINING ENGINEERING	1.0	40S 40E 40M
9155	APPLIED MINING ENGINEERING	1.0	40S 40E 40M

PLUMBING AND PIPE TRADES

Code	Description	Credits	Grade/Level
8859	EXPLORATION PLUMBING PIPE TRADES	.5	15S 15E 15M
		1.0	10S 10E 10M
8876	INTRODUCTION PLUMBING PIPE TRADES	1.0	20S 20E 20M
8877	INTRO PIPING SYSTEMS & THEORIES	1.0	30S 30E 30M
8878	INSTALL PLUMBING & PIPING SYSTEMS I	1.0	30S 30E 30M
8879	INSTALL PLUMBING & PIPING SYSTEMS II	1.0	30S 30E 30M
8981	SANITARY VENTING SYSTEMS	1.0	40S 40E 40M
8982	SANITARY DRAINAGE SYSTEMS	1.0	40S 40E 40M
8984	INSTALL PLUMBING & PIPING SYSTEMS III	1.0	40S 40E 40M
8985	APPLIED PLUMBING & PIPING SYSTEMS	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

POWER MECHANICS/AUTOMOTIVE TECHNOLOGY

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8880  INTRO. HEAVY IND. TECH.              1.0    10S 10E 10M
8881  INTRO. HEAVY IND. TECH.               .5    15S 15E 15M
8306  *AUTOMATIC TRANSMISSIONS             1.0    40S 40E 40M
8307  *AUTOMOTIVE ELECTRONICS              1.0    40S 40E 40M
8308  *CLIMATE CONTROL & ACCESSORIES       1.0    40S 40E 40M
8309  *DIAGNOSIS AND CORRECTION            1.0    40S 40E 40M
8310  *SPECIAL APPLICATIONS                1.0    40S 40E 40M
8311  *APPLIED POWER MECHANICS             1.0    40S 40E 40M
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8695  INTRODUCTION TO AUTOMOTIVE TECHNOLOGY   .5   15S 15E 15M
                                             1.0   10S 10E 10M
8696  AUTOMOTIVE SYSTEMS AND SERVICE       1.0    20S 20E 20M
8697  ENGINE FUNDAMENTALS AND SERVICE      1.0    30S 30E 30M
8698  CHASSIS FUNDAMENTALS AND SERVICE     1.0    30S 30E 30M
8699  DRIVETRAIN FUNDAMENTALS AND SERVICE  1.0    30S 30E 30M
8700  AUTOMOTIVE ELECTRICAL SYSTEMS        1.0    40S 40E 40M
8701  VEHICLE SYSTEMS PART 1               1.0    40S 40E 40M
8702  VEHICLE SYSTEMS PART 2               1.0    40S 40E 40M
8703  APPLIED DIAGNOSTIC STRATEGIES        1.0    40S 40E 40M
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Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

REFRIGERATION AND AIR CONDITIONING

Code	Description	Credits	Grade/Level
8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M
8329	*COOLING FUNDAMENTALS	1.0	30S 30E 30M
8330	*ELECTRICAL CONTROLS	1.0	30S 30E 30M

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Code	Description	Credits	Grade/Level
8331	EVAPORATORS	1.0	40S 40E 40M
8332	CONDENSERS	1.0	40S 40E 40M
8333	SYSTEM PERFORMANCE	1.0	40S 40E 40M
8334	APPLIED CONTROLS SERVICE	1.0	40S 40E 40M
8986	EXPLORATION REFRIGERATION AIR COND	.5	15S 15E 15M
		1.0	10S 10E 10M
8987	INTRO REFRIGERATION AIR COND	1.0	20S 20E 20M
8988	SYSTEM FUNDAMENTALS	1.0	30S 30E 30M
8989	PIPING FUNDAMENTALS	1.0	30S 30E 30M
8991	ELECTRICAL FUNDAMENTALS	1.0	30S 30E 30M
8992	ELECTRICAL CONTROLS	1.0	40S 40E 40M
8995	REFRIGERATION & AIR COOLING SYSTEMS	1.0	40S 40E 40M
8996	HEATING VENTILATION AIR COND SYSTEM	1.0	40S 40E 40M
8997	APPLIED REFRIGERATION AIR COND	1.0	40S 40E 40M

RESOURCES AND ENVIRONMENTAL MANAGEMENT

Code	Description	Credits	Grade/Level
8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M
8340	INTRO TO RESOURCE MANAGEMENT	1.0	10S 10E 10M
8341	INTRO TO RESOURCE MANAGEMENT	.5	15S 15E 15M
8342	WOODS ORIENTATION	1.0	20S 20E 20M
8343	MAPPING AND SURVEYING	1.0	40S 40E 40M
8344	ECOLOGY AND FIELD BIOLOGY	1.0	30S 30E 30M
8345	HABITAT MANAGEMENT	1.0	30S 30E 30M
8346	SILVICULTURE	1.0	30S 30E 30M
8347	FOREST MANAGEMENT	1.0	30S 30E 30M
8348	ADVANCED FOREST MANAGEMENT	1.0	40S 40E 40M
8349	WILDLIFE MANAGEMENT	1.0	40S 40E 40M
8350	FISHERIES MANAGEMENT	1.0	40S 40E 40M
8351	HYDROLOGY	1.0	40S 40E 40M
8352	BIOSTATISTICAL ANALYSIS	1.0	40S 40E 40M
8353	APPLIED RESOURCE MANAGEMENT	1.0	40S 40E 40M
8354	BOTANY	1.0	30S 30E 30M
8355	GEOGRAPHICAL INFORMATION SYSTEMS	1.0	40S 40E 40M
8356	ADV. GEOGRAPHICAL INFORMATION SYSTEMS	1.0	40S 40E 40M
8357	PRECISION LAND MANAGEMENT	1.0	30S 30E 30M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

SHEET METAL WORKS

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8880  INTRO. HEAVY IND. TECH.           1.0    10S 10E 10M
8881  INTRO. HEAVY IND. TECH.            .5    15S 15E 15M
8139  MANUFACTURING PRACTICES           1.0    40S 40E 40M
8140  APPLIED MANUFACTURING I           1.0    40S 40E 40M
8141  APPLIED MANUFACTURING II          1.0    40S 40E 40M
8235  INTRO TO METALS                   1.0    10S 10E 10M
8236  INTRO TO METALS                    .5    15S 15E 15M
8237  MEASUREMENT AND LAYOUT TECHNIQUES 1.0    20S 20E 20M
8238  SHEET METAL PROCESSES             1.0    20S 20E 20M
8239  SKETCHING, PATTERNS AND BLUEPRINTS 1.0   30S 30E 30M
8240  ADVANCED PATTERN DEVELOPMENT      1.0    30S 30E 30M
8241  METAL ART DESIGN                  1.0    30S 30E 30M
8242  ADVANCED DESIGNS IN METALWORK     1.0    40S 40E 40M
8243  APPLIED LAYOUT AND DESIGN         1.0    40S 40E 40M
8244  APPLIED METALS                    1.0    40S 40E 40M
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SUSTAINABLE ENERGY

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8232  EXPLORATION OF SUSTAINABLE ENERGY  .5    15S 15E 15M
                                        1.0    10S 10E 10M
8233  INTRODUCTION TO SUSTAINABLE ENERGY 1.0   20S 20E 20M
8234  SUSTAINABLE ENERGY: ELECTRICAL SYSTEMS 1.0 30S 30E 30M
8245  SUSTAINABLE ENERGY: HEATING/COOLING SYS 1.0 30S 30E 30M
8246  SUSTAINABLE ENERGY: TRANSPORTATION SYS 1.0 30S 30E 30M
8279  SUSTAINABLE ENERGY SOLAR SYSTEMS  1.0    40S 40E 40M
8292  SUSTAINABLE ENERGY WIND SYSTEMS   1.0    40S 40E 40M
8293  SUSTAINABLE ENERGY BIOMASS SYSTEMS 1.0   40S 40E 40M
8294  SUSTAINABLE ENERGY APPLIED SYSTEMS 1.0   40S 40E 40M
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Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
VOCATIONAL INDUSTRIAL   *(cont'd)*

WELDING//WELDING TECHNOLOGY

Code	Description	Credits	Grade/Level
8880	INTRO. HEAVY IND. TECH.	1.0	10S 10E 10M
8881	INTRO. HEAVY IND. TECH.	.5	15S 15E 15M
8364	*ADVANCED ACETYLENE WELDING	1.0	30S 30E 30M
8365	*POSITIONAL ARC WELDING	1.0	30S 30E 30M
8366	*INTRO TO M.I.G. WELDING	1.0	30S 30E 30M
8367	*INTERMEDIATE M.I.G. WELDING	1.0	30S 30E 30M
8368	*INTRODUCTION TO T.I.G.	1.0	30S 30E 30M

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that have an asterisk next to them. These codes will end August 31, 2016.

Code	Description	Credits	Grade/Level
8369	ADVANCED ARC WELDING	1.0	40S 40E 40M
8370	ADVANCED M.I.G.	1.0	40S 40E 40M
8371	PROJECTS AND TESTING	1.0	40S 40E 40M
8372	APPLIED WELDING	1.0	40S 40E 40M
8373	APPLIED SPECIALTIES	1.0	40S 40E 40M
8377	EXPLORATION OF WELDING TECHNOLOGY	.5	15S 15E 15M
		1.0	10S 10E 10M
8378	INTRODUCTION TO WELDING TECHNOLOGY	1.0	20S 20E 20M
8414	METAL DESIGN FABRICATION OXY-ACET	1.0	30S 30E 30M
8474	BASIC GMAW (MIG) PROCEDURES	1.0	30S 30E 30M
8486	BASIC SMAW (ARC) PROCEDURES	1.0	30S 30E 30M
8487	ADVANCED GMAW (MIG) PROCEDURES	1.0	40S 40E 40M
8488	ADVANCED SMAW (ARC) PROCEDURES	1.0	40S 40E 40M
8489	ADVANCED METAL DESIGN/FABRICATION	1.0	40S 40E 40M
8503	APPLIED SPECIALTIES & QUALIFICATIONS	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
INDUSTRIAL ARTS

Code	Description	Credits	Grade/Level
0214	COMPREHENSIVE-TECHNOLOGY EDUCATION	.5	15G 15E 15M
0282	CONSTRUCTION	.0	6 7 8
0321	DRAFTING	.0	6 7 8
0361	ELECTRICITY/ELECTRONICS	.0	6 7 8
0611	METALWORK	.0	6 7 8
0613	MANUFACTURING	.0	6 7 8
0732	POWER MECHANICS	.0	6 7 8
0733	PLASTICS	.0	6 7 8
0734	POWER/ENERGY	.0	6 7 8
0950	WOODWORK	.0	6 7 8

DRAFTING/DESIGN DRAFTING

Code	Description	Credits	Grade/Level
7952	DRAFTING DESIGN TECHNOLOGY	.5	15G 15E 15M 25G 25E 25M
7953	DRAFTING DESIGN TECHNOLOGY	1.0	10G 10E 10M 20G 20E 20M 30S 30G 30E 30M 40S 40G 40E 40M
7997	APPLIED TECHNOLOGY	1.0	40S 40E 40M

ELECTRONICS/ELECTRONICS TECHNOLOGY

Code	Description	Credits	Grade/Level
7973	ELECTRICITY/ELECTRONICS TECHNOLOGY	.5	15G 15E 15M 25G 25E 25M
7974	ELECTRICITY/ELECTRONICS TECHNOLOGY	1.0	10G 10E 10M 20G 20E 20M 30S 30G 30E 30M 40S 40G 40E 40M
7997	APPLIED TECHNOLOGY	1.0	40S 40E 40M

GRAPHIC COMMUNICATIONS

Code	Description	Credits	Grade/Level
0443	GRAPHIC ARTS	.0	6 7 8
0444	GRAPHIC COMMUNICATIONS	.0	6 7 8

GRAPHICS

Code	Description	Credits	Grade/Level
7958	GRAPHIC COMMUNICATION TECHNOLOGY	1.0	10G 10E 10M 20G 20E 20M 30S 30G 30E 30M 40S 40G 40E 40M
7959	GRAPHIC COMMUNICATIONS TECHNOLOGY	.5	15G 15E 15M 25G 25E 25M
7997	APPLIED TECHNOLOGY	1.0	40S 40E 40M

METALWORK

Code	Description	Credits	Grade/Level
7980	METALWORK TECHNOLOGY	1.0	10G 10E 10M 20G 20E 20M 30S 30G 30E 30M 40S 40G 40E 40M
7981	METALWORK TECHNOLOGY	.5	15G 15E 15M 25G 25E 25M
7997	APPLIED TECHNOLOGY	1.0	40S 40E 40M

POWER MECHANICS/AUTOMOTIVE TECHNOLOGY

Code	Description	Credits	Grade/Level
7965	POWER MECHANICS TECHNOLOGY	1.0	10G 10E 10M 20G 20E 20M 30S 30G 30E 30M 40S 40G 40E 40M
7966	POWER MECHANICS TECHNOLOGY	.5	15G 15E 15M 25G 25E 25M
7997	APPLIED TECHNOLOGY	1.0	40S 40E 40M

Code	Description	Credits	Grade/Level

TECHNOLOGY EDUCATION
INDUSTRIAL ARTS   *(cont'd)*

WOODWORK

Code	Description	Credits	Grade/Level
7990	WOODWORK TECHNOLOGY	1.0	10G 10E 10M 20G 20E 20M 30S 30G 30E 30M 40S 40G 40E 40M
7991	WOODWORK TECHNOLOGY	.5	15G 15E 15M 25G 25E 25M
7994	CONSTRUCTION TECHNOLOGY	1.0	40S 40G 40E 40M
7995	FURNITURE DESIGN TECHNOLOGY	1.0	40S 40G 40E 40M
7996	MANUFACTURING TECHNOLOGY	1.0	40S 40G 40E 40M
7997	APPLIED TECHNOLOGY	1.0	40S 40E 40M