These are the graduation requirements for students enrolled before September 2018. The Technology Education Program consists of 16 compulsory credits, plus 8 compulsory credits from an approved technical-vocational cluster or business education and marketing/applied commerce education cluster, plus 6 optional credits. An approved cluster must comprise departmentally developed and/or approved courses that facilitate the transition from school to work.

### Graduation Requirements for the Technology Education Program

#### Minimum 30 Credits

<table>
<thead>
<tr>
<th>Subject Areas</th>
<th>16 Compulsory Credits</th>
<th>Grade 9</th>
<th>5 Compulsory Credits</th>
<th>Grade 10</th>
<th>3 Compulsory Credits</th>
<th>Grade 11</th>
<th>3 Compulsory Credits</th>
<th>Grade 12</th>
</tr>
</thead>
</table>
| English Language Arts       | 5 Compulsory Credits  | English Language Arts 10F/E/M | English Language Arts 20F/E/M | One of the following:  
ELA: Comprehensive Focus 30S/E/M  
ELA: Literary Focus 30S/E/M  
ELA: Transactional Focus 30S/E/M |
| Mathematics                | 5 Compulsory Credits  | Mathematics 10F/E/M | One of the following:  
Essential Mathematics 20S/E/M  
Essential Mathematics I 225S/E/M and Essential Mathematics II 225S/E/M  
Introduction to Applied and Pre-Calculus Mathematics 20S/E/M |
| Physical Education/Health Education | 8 Compulsory Credits | Physical Education/Health Education 10F/E/M | Physical Education/Health Education 20F/E/M | One of the following:  
Applied Mathematics 30S/E/M  
Essential Mathematics 30S/E/M  
Pre-Calculus Mathematics 30S/E/M |
| Social Studies             | 6 Optional Credits    | Canada in the Contemporary World 10F/E/M | Geographic Issues of the 21st Century 20F/E/M | One of the following:  
Applied Mathematics 40S/E/M  
Essential Mathematics 40S/E/M  
Essential Mathematics V 45S/E/M and Essential Mathematics VI 45S/E/M  
Pre-Calculus Mathematics 45S/E/M |
| Science                    | 6 Optional Credits    | Science 10F/E/M   | Science 20F/E/M      |                  |                      |                  |                      |                  |

### Notes

1. All subjects are taught in English with the exception of other languages studied.
2. Credit cannot be held concurrently for the same course with different course designations (e.g., English Language Arts 10F and 10E).
3. Non-Manitoba courses from other jurisdictions may be evaluated and accepted by the school principal for credit to meet Manitoba high school graduation requirements.
4. In exceptional circumstances and in discussion with parents, a school administrator may approve the substitution of a maximum of two optional credits for two compulsory credits. All substitution of credits must be reported to Education Administration Services.
5. Students following Advanced Placement (AP) or International Baccalaureate (IB) programs must meet the Manitoba graduation requirements, including attaining credits in 40S English language arts and mathematics, and must write the provincial tests associated with these courses.
6. ELA: Language and Technical Communication 40S/E/M may be used to satisfy the Grade 12 English language arts requirement for the Technology Education Program diploma.
7. To complete a High School Apprenticeship Program as part of a Technology Education diploma, students must complete the 16 compulsory requirements and 8 approved High School Apprenticeship Program credits, along with the 6 optional credits.
8. Students (except those in HSAP) must complete a minimum of two Grade 11 credits and two Grade 12 credits within the approved technical-vocational cluster.
9. Students may obtain credit for a maximum of 11 SICs, 3 SIPS, 4 SLOCs, and 4 PMOs.
10. Students should ensure that they meet the entrance requirements of the post-secondary education (college or university), training, or work situation they intend to pursue.

### Optional Credits

Six credits from subject areas such as:
- English language arts (additional courses for credit)
- mathematics (additional courses for credit)
- sciences (additional courses for credit)
- social studies (additional courses for credit)
- French (English Program)
- other languages
- the arts: visual arts, music, drama, dance
- career development

- psychology
- computer science
- technology education — technical-vocational education — human ecology — business and marketing/applied commerce — industrial arts
- others as offered by the school including School-Initiated Courses (SICs) and Dual Credits
- others as initiated by the student including Student-Initiated Projects (SIPs), Special Language Credit Options (SLCOs), Private Music Options (PMOs), and Royal Winnipeg Ballet

See your school for a complete list of course offerings.