# 1999 School Certificate 

Test and Award Statistics

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## PREFACE

The School Certificate Test and Award Statistics report replaces the School Certificate Reference Test and Award Statistics report, which has been published annually since 1993 by the Board of Studies. Each volume provides a statistical view of the candidature, the courses and the awarding of grades for a particular year while also serving as a public record of the School Certificate Tests (from 1998) and Reference Tests (prior to 1998). The statistical tables can provide a valuable resource for teachers and researchers.

The report is provided to schools, universities and other interested parties. Copies of the current report can be purchased from the Office of the Board and back copies of previous volumes may be available.

## Overview

## The 1999 School Certificate Program

In 1999 a School Certificate was awarded to school students who completed a satisfactory program of studies in Years 7 to 10. The results in each course are issued as grades awarded by each student's school, the grades being based on the Course Performance Descriptors for each course.
The mid-year Reference Tests conducted previously in the subjects of English, Mathematics and Science were discontinued from 1998 as part of wide ranging government reforms of the School Certificate and Higher School Certificate programs. Grading patterns in these subjects were no longer issued to schools. Tests were developed by the Board of Studies to test foundation knowledge and skills needed to undertake the Higher School Certificate program of studies and to participate effectively in the wider community.
Externally set tests in English-literacy, Mathematics and Science were held in November with the results being issued to students as marks which had been aligned to performance scales containing both marks and descriptions of performance. A test in Australian History, Geography, Civics and Citizenship was trialed in 1999. Participation in the trial was optional and the results did not form part of the School Certificate credential, although they were reported separately to schools.
In 1999, 80516 Year 10 students participated in the School Certificate Program. Of these, 77,580 students in NSW and overseas schools completed the full program of study for the award of the School Certificate. A further 1437 students with special education needs followed special programs of study while 1349 students did not complete requirements and received a Record of Achievement or a Special Record of Achievement.

## Test Performance Bands

The School Certificate Tests are part of a significant change to the Board's previous marking, scaling and reporting practices. The following procedures are used so that achievement can be reported in terms directly related to the student's foundation knowledge and skills:

- Each test question is marked in relation to pre-determined criteria.
- For each test, a panel of expert judges assesses the questions in relation to performance band descriptions and determines cut-off marks for each performance band. The question cut-off marks are then aggregated for each band to produce band cut-off marks for the whole paper. The panel refines its judgements through several iterations that include consideration of student response statistics and inspection of student scripts with marks near these band cut-off points.
- The test marks are then aligned through a multi-linear mapping process so that the band cut-off marks correspond to defined marks that are constant across subjects and over time. The band cut-off marks that are reported are shown in the following table:

| Performance <br> Band | Reported Mark <br> Cut-off |
| :---: | :---: |
| $\mathbf{6}$ | $90 \%$ |
| $\mathbf{5}$ | $80 \%$ |
| $\mathbf{4}$ | $70 \%$ |
| $\mathbf{3}$ | $60 \%$ |
| $\mathbf{2}$ | $50 \%$ (Minimum standard expected) |
| $\mathbf{1}$ | - |

- Each student's mark and the corresponding performance band are reported.
- Each student receives a report describing typical performance in each band. The report includes a histogram showing the distribution of marks across the bands and the location of the student's mark.
The result of this process is that the bands and marks awarded specify achievement in relation to the test band descriptions, in addition to indicating the candidates' relative standing in the candidature.


## Prescribed Pattern of Courses

In 1999, the Board of Studies required students to undertake a program of approved courses (Board Developed Courses and Board Endorsed Courses):

- Courses in each of English, Mathematics and Science studied substantially throughout each of Years 7 to 10 for a minimum of 400 hours.
- Courses in Human Society and Its Environment studied substantially throughout each of Years 7 to 10 for a minimum of 400 hours, including at least 100 hours each of Australian History and Australian Geography.
- Courses in each of Creative Arts (Visual Arts and Music) and Technological and Applied Studies, studied for a minimum of 200 hours each by the end of Year 10.
- A course in Personal Development, Health and Physical Education in each of Years 7 to 10, with 300 hours to be completed by the end of Year 10.


## Reporting Achievement

The School Certificate is issued as a testamur. Student results are reported separately on a Record of Achievement (Parts A and B) and through the test reports.
To be eligible for a School Certificate, students must have:

- attended a government school or accredited non-government school within NSW, or a school outside NSW recognised by the Board;
- satisfactorily completed a prescribed pattern of courses;
- undertaken the requisite School Certificate Tests and also satisfactorily completed the required school-based assessment program;
- completed Year 10.

Students who have not completed the above requirements but who have:

- satisfactorily completed at least one course;
- a satisfactory record of attendance and application, receive a Record of Achievement and test reports where appropriate.

The Record of Achievement (Part A) lists the courses studied, together with the grades awarded by the school based on matching their achievement in the courses with the appropriate Course Performance Descriptor statement.
The Record of Achievement (Part B) lists the tests undertaken, together with the marks attained and the corresponding performance bands. The Test Report shows the Performance Scale containing marks from 0 to 100; the Band cut-off marks 90, 80, 70 60, 50; the description for each band summarising the knowledge and skills typically demonstrated by students awarded each band; and the mark awarded to the student.

## Determining Course Grades

All courses have grades determined by the school using common Course Performance Descriptors. The Course Performance Descriptors were developed by the Board from its General Performance Descriptors.
There is no pre-determined pattern of grades applied to courses. The Board monitors the patterns of grades that each school awards.

## General Performance Descriptors

The General Performance Descriptors and their matching grades are the basis on which the Course Performance Descriptors were developed for each course.
Grade A Indicates excellent achievement in the course. The student has an extensive knowledge and understanding of the course content and can readily apply this knowledge. In addition, the student has achieved a high level of competence in the processes and skills of the course and can apply these skills to new situations.
Grade B Indicates a high level of achievement in the course. The student has a thorough knowledge and understanding of the course content and competence in the processes and skills of the course. In addition, the student is able to apply this knowledge and these skills to most new situations.
Grade C Indicates substantial achievement in the course. The student has demonstrated attainment of the main knowledge and skills objectives of the subject and has achieved a sound level of competence in the processes and skills of the course.

Grade D Indicates satisfactory achievement in the course. The student has demonstrated an acceptable level of knowledge and understanding of the course content and has achieved a basic level of competence in the processes and skills of the course.

Grade E Indicates elementary achievement in the course. The student has an elementary level of knowledge and understanding of the course content and has achieved limited competence in the processes and skills of the course.

## Course Performance Descriptors

Course Performance Descriptors relate to the objectives and outcomes of individual courses and are a series of statements that summarise the observable and measurable features of student achievement by describing the main features of performance typically demonstrated by students at each level of achievement in that course. They serve as benchmarks against which teachers match their professional judgement in determining course grades for particular students.

Teachers compare the overall characteristics of each student's performance with the descriptors and award a grade to each student, which most accurately describes the student's achievement in the course.

## Further Reading

The Board produces several pamphlets and booklets that provide further information concerning School Certificate procedures and reporting:

- Parent and Employer Guide to the School Certificate Grading System.
- Rules and Procedures for 2000 School Certificate Candidates.
- The School Certificate.

These publications are available from the Office of the Board of Studies.

## Statistical Tables

## Introduction to the Statistical Tables

All Board Developed Courses studied in Stage 5 (Years 9 and 10) are included in the statistical tables. The number of indicative hours of study is also shown for each course. A 100-hour course may be studied in Year 9, followed by a different 100-hour course in Year 10. Other courses may be studied for 200 hours over both years.

School Certificate 1999
Table 1 - Total Candidature by Award and Sex


School Certificate 1999
Table 2 - SC Schools by Type

| Type of School |  |  | Number of Schools |  | Percentage of Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Government Schools |  |  |  | 502 |  | 62.8\% |
| Catholic Independent Schools |  |  |  | 43 |  | 5.4\% |
| Catholic Systemic Schools |  |  |  | 106 |  | 13.3\% |
| Christian Community Schools |  |  |  | 19 |  | 2.4\% |
| Independent Central Schools |  |  |  | 2 |  | 0.3\% |
| Other Independent Schools |  |  |  | 109 |  | 13.6\% |
| Seventh Day Adventist Schools |  |  |  | 7 |  | 0.9\% |
| Overseas Schools |  |  |  | 5 |  | 0.6\% |
| Total |  |  |  | 800 |  | 00.0\% |
| School Certificate 1999 |  |  |  |  |  |  |
| Table 3 - Total Candidature by School Type and Sex |  |  |  |  |  |  |
| Type of School | Total | Total\% | Male | Female | M\% | F\% |
| Government Schools | 53806 | 66.8\% | 27414 | 26392 | 50.9\% | 49.1\% |
| Catholic Independent | 5521 | 6.9\% | 2711 | 2810 | 49.1\% | 50.9\% |
| Catholic Systemic | 12151 | 15.1\% | 6210 | 5941 | 51.1\% | 48.9\% |
| Christian Community | 850 | 1.1\% | 439 | 411 | 51.6\% | 48.4\% |
| Independent Central | 29 | 0.0\% | 17 | 12 | 58.6\% | 41.4\% |
| Other Independent | 7759 | 9.6\% | 3869 | 3890 | 49.9\% | 50.1\% |
| Seventh Day Adventist | 231 | 0.3\% | 122 | 109 | 52.8\% | 47.2\% |
| Overseas Schools | 121 | 0.2\% | 65 | 56 | 53.7\% | 46.3\% |
| Total | 80516 | 100.0\% | 40879 | 39637 | 50.8\% | 49.2\% |

Table 4 - Entries in Board Developed Courses by Subject, Course and Sex


Entries in Board Developed Courses by Subject, Course and Sex (continued)

| Subject and Course |  |  | Total | M | F | M\% | F\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Food Technology |  |  | 17219 | 4884 | 12335 | 28.4\% | 71.6\% |
| 1625 | 200hr | Food Technology | 13932 | 3745 | 10187 | 26.9\% | 73.1\% |
| 1626 | 100hr | Food Technology | 3287 | 1139 | 2148 | 34.7\% | 65.3\% |
| French |  |  | 4242 | 1213 | 3029 | 28.6\% | 71.4\% |
| 870 | 200hr | French | 3772 | 1059 | 2713 | 28.1\% | 71.9\% |
| 871 | 100hr | French | 470 | 154 | 316 | 32.8\% | 67.2\% |
| Geography |  |  | 39329 | 20281 | 19048 | 51.6\% | 48.4\% |
| 440 | 200hr | Geography | 23406 | 12447 | 10959 | 53.2\% | 46.8\% |
| 441 | 100hr | Geography | 15923 | 7834 | 8089 | 49.2\% | 50.8\% |
| German |  |  | 2344 | 995 | 1349 | 42.4\% | 57.6\% |
| 880 | 200hr | German | 2010 | 780 | 1230 | 38.8\% | 61.2\% |
| 881 | 100hr | German | 334 | 215 | 119 | 64.4\% | 35.6\% |
| Hebrew |  |  | 219 | 107 | 112 | 48.9\% | 51.1\% |
| 890 | 200hr | Hebrew | 212 | 103 | 109 | 48.6\% | 51.4\% |
| 891 | 100hr | Hebrew | 7 | 4 | 3 | 57.1\% | 42.9\% |
| History |  |  | 48219 | 23367 | 24852 | 48.5\% | 51.5\% |
| 450 | 200hr | History | 32435 | 15584 | 16851 | 48.0\% | 52.0\% |
| 451 | 100hr | History | 15784 | 7783 | 8001 | 49.3\% | 50.7\% |
| Indonesian |  |  | 712 | 210 | 502 | 29.5\% | 70.5\% |
| 910 | 200hr | Indonesian | 633 | 182 | 451 | 28.8\% | 71.2\% |
| 911 | 100hr | Indonesian | 79 | 28 | 51 | 35.4\% | 64.6\% |
| Italian |  |  | 1712 | 623 | 1089 | 36.4\% | 63.6\% |
| 920 | 200hr | Italian | 1542 | 569 | 973 | 36.9\% | 63.1\% |
| 921 | 100hr | Italian | 170 | 54 | 116 | 31.8\% | 68.2\% |
| Japanese |  |  | 4109 | 1352 | 2757 | 32.9\% | 67.1\% |
| 930 | 200hr | Japanese | 3714 | 1209 | 2505 | 32.6\% | 67.4\% |
| 931 | 100hr | Japanese | 395 | 143 | 252 | 36.2\% | 63.8\% |
| Korean |  |  | 70 | 25 | 45 | 35.7\% | 64.3\% |
| 940 | 200hr | Korean | 55 | 21 | 34 | 38.2\% | 61.8\% |
| 941 | 100hr | Korean | 15 |  | 11 | 26.7\% | 73.3\% |
| Latin |  |  | 553 | 323 | 230 | 58.4\% | 41.6\% |
| 950 | 200hr | Latin | 519 | 310 | 209 | 59.7\% | 40.3\% |
| 951 | 100hr | Latin | 34 | 13 | 21 | 38.2\% | 61.8\% |
| Mathematics320 |  |  | $78635$ | 39783 | 38852 | 50.6\% | 49.4\% |
|  |  |  | 16992 | 9399 | 7593 | 55.3\% | 44.7\% |
| 321 | 200hr | Mathematics Intern | ediate |  |  |  |  |
| 322 |  |  | 33935 | 16832 | 17103 | 49.6\% | 50.4\% |
|  | 200hr | Mathematics Adva | 27708 | 13552 | 14156 | 48.9\% | 51.1\% |

Entries in Board Developed Courses by Subject, Course and Sex (continued)


School Certificate 1999
Entries in Board Developed Courses by Subject, Course and Sex (continued)

| Subject and | Course | Total | M | F | M\% | F\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Textiles and | Design | 4717 | 83 | 4634 | 1.8\% | 98.2\% |
| 1690 | 200hr Textiles and Design | 3683 | 57 | 3626 | 1.5\% | 98.5\% |
| 1691 | 100hr Textiles and Design | 1034 | 26 | 1008 | 2.5\% | 97.5\% |
| Turkish |  | 103 | 52 | 51 | 50.5\% | 49.5\% |
| 1050 | 200hr Turkish | 84 | 42 | 42 | 50.0\% | 50.0\% |
| 1051 | 100hr Turkish | 19 | 10 | 9 | 52.6\% | 47.4\% |
| Vietnamese $62.3 \%$ |  |  | 146 | 55 | 91 | 37.7\% |
| 1071 | 200hr Vietnamese | 132 | 52 | 80 | 39.4\% | 60.6\% |
| 1072 | 100hr Vietnamese | 14 | 3 | 11 | 21.4\% | 78.6\% |
| Visual Arts |  | 22537 | 7858 | 14679 | 34.9\% | 65.1\% |
| 2060 | 200hr Visual Arts | 19209 | 6487 | 12722 | 33.8\% | 66.2\% |
| 2061 | 100hr Visual Arts | 3328 | 1371 | 1957 | 41.2\% | 58.8\% |

Table 5 - Grades Awarded by Subject, Course and Sex for Candidatures Larger Than 100

| Subject and Course | Sex | A\% | B\% | C\% | D\% | E\% | N\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Aboriginal Studies |  |  |  |  |  |  |  |
| 410 200hr Aboriginal Studies |  | 9.2 | 19.8 | 34.5 | 23.0 | 13.6 | 0.0 |
|  | M | 4.7 | 16.2 | 37.0 | 26.0 | 16.2 | 0.0 |
|  | F | 13.6 | 23.4 | 31.9 | 20.0 | 11.1 | 0.0 |
| 411 100hr Aboriginal Studies |  | 5.3 | 17.6 | 31.3 | 34.4 | 11.5 | 0.0 |
|  | M | 6.1 | 4.1 | 30.6 | 34.7 | 24.5 | 0.0 |
|  | F | 4.9 | 25.6 | 31.7 | 34.2 | 3.7 | 0.0 |
| Agriculture |  |  |  |  |  |  |  |
| 1600 200hr Agriculture |  | 15.8 | 23.2 | 32.7 | 19.2 | 9.0 | 0.0 |
|  | M | 12.9 | 21.6 | 33.4 | 21.5 | 10.5 | 0.0 |
|  | F | 20.9 | 26.0 | 31.5 | 15.2 | 6.4 | 0.0 |
| 1601 100hr Agriculture |  | 6.8 | 18.4 | 36.8 | 24.6 | 13.5 | 0.0 |
|  | M | 4.0 | 15.7 | 38.5 | 25.8 | 16.0 | 0.0 |
|  | F | 11.2 | 22.6 | 34.2 | 22.6 | 9.5 | 0.0 |
| Arabic |  |  |  |  |  |  |  |
| 800 200hr Arabic |  | 19.2 | 25.1 | 32.1 | 13.2 | 10.3 | 0.0 |
|  | M | 22.2 | 21.7 | 29.1 | 11.7 | 15.2 | 0.0 |
|  | F | 17.3 | 27.3 | 34.1 | 14.2 | 7.1 | 0.0 |
| 801 100hr Arabic |  | 14.7 | 23.5 | 11.8 | 29.4 | 20.6 | 0.0 |
|  | M | 18.2 | 22.7 | 13.6 | 18.2 | 27.3 | 0.0 |
|  | F | 8.3 | 25.0 | 8.3 | 50.0 | 8.3 | 0.0 |
| Asian Social Studies |  |  |  |  |  |  |  |
| 400 200hr Asian Social Studies |  | 26.8 | 23.8 | 26.3 | 14.9 | 8.3 | 0.0 |
|  | M | 18.0 | 21.4 | 28.8 | 17.8 | 13.9 | 0.0 |
|  | F | 31.4 | 25.0 | 24.9 | 13.3 | 5.4 | 0.0 |
| 401 100hr Asian Social Studies |  | 16.6 | 23.3 | 31.6 | 21.3 | 7.1 | 0.0 |
|  | M | 13.3 | 17.3 | 29.3 | 24.0 | 16.0 | 0.0 |
|  | F | 18.0 | 25.8 | 32.6 | 20.2 | 3.4 | 0.0 |
| Chinese |  |  |  |  |  |  |  |
| 810 200hr Chinese |  | 36.2 | 30.7 | 18.2 | 10.0 | 4.9 | 0.0 |
|  | M | 31.2 | 30.1 | 19.7 | 11.1 | 7.9 | 0.0 |
|  | F | 41.3 | 31.4 | 16.6 | 8.9 | 1.8 | 0.0 |
| 811 100hr Chinese |  | 37.5 | 30.8 | 14.4 | 7.7 | 9.6 | 0.0 |
|  | M | 23.4 | 29.8 | 17.0 | 12.8 | 17.0 | 0.0 |
|  | F | 49.1 | 31.6 | 12.3 | 3.5 | 3.5 | 0.0 |
| Classical Greek |  |  |  |  |  |  |  |
| 820 200hr Classical Greek |  | 60.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | M | 54.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | F | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Commerce |  |  |  |  |  |  |  |
| 430 200hr Commerce |  | 21.5 | 25.4 | 31.4 | 15.2 | 6.4 | 0.0 |
|  | M | 18.3 | 24.0 | 32.6 | 17.3 | 7.8 | 0.0 |
|  | F | 24.9 | 27.0 | 30.2 | 12.9 | 5.0 | 0.0 |
| 431 100hr Commerce |  | 13.0 | 21.2 | 33.9 | 21.4 | 10.4 | 0.0 |
|  | M | 10.3 | 17.5 | 35.5 | 22.8 | 14.0 | 0.0 |
|  | F | 15.6 | 24.7 | 32.5 | 20.1 | 7.1 | 0.0 |

Grades Awarded by Subject, Course and Sex for Candidatures Larger than 100 (continued)

Subject and Course Sex A\% B\% C\% D\% E\% N\%


| Subject and Course | Sex | A\% | B\% | C\% | D\% | E\% | N\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Geography |  |  |  |  |  |  |  |
| 440 200hr Geography |  | 18.5 | 23.3 | 32.3 | 17.5 | 8.5 | 0.0 |
|  | M | 14.3 | 21.1 | 33.9 | 19.8 | 10.9 | 0.0 |
|  | F | 23.3 | 25.7 | 30.4 | 14.9 | 5.7 | 0.0 |
| 441 100hr Geography |  | 13.1 | 21.7 | 35.9 | 20.0 | 9.3 | 0.0 |
|  | M | 10.5 | 18.4 | 35.3 | 23.7 | 12.0 | 0.0 |
|  | F | 15.5 | 24.9 | 36.5 | 16.4 | 6.7 | 0.0 |
| German |  |  |  |  |  |  |  |
| 880 200hr German |  | 30.2 | 29.3 | 25.9 | 10.9 | 3.7 | 0.0 |
|  | M | 27.1 | 25.8 | 29.6 | 12.0 | 5.5 | 0.0 |
|  | F | 32.2 | 31.5 | 23.6 | 10.2 | 2.5 | 0.0 |
| 881 100hr German |  | 7.8 | 21.3 | 29.6 | 25.1 | 16.2 | 0.0 |
|  | M | 4.7 | 18.6 | 30.7 | 26.5 | 19.5 | 0.0 |
|  | F | 13.5 | 26.1 | 27.7 | 22.7 | 10.1 | 0.0 |
| Hebrew |  |  |  |  |  |  |  |
| 890 200hr Hebrew |  | 20.8 | 28.3 | 31.6 | 14.6 | 4.7 | 0.0 |
|  | M | 18.4 | 24.3 | 31.1 | 18.4 | 7.8 | 0.0 |
|  | F | 22.9 | 32.1 | 32.1 | 11.0 | 1.8 | 0.0 |
| 891 100hr Hebrew |  | 28.6 | 0.0 | 0.0 | 28.6 | 0.0 | 0.0 |
|  | M | 25.0 | 0.0 | 0.0 | 25.0 | 0.0 | 0.0 |
|  | F | 33.3 | 0.0 | 0.0 | 33.3 | 0.0 | 0.0 |
| History |  |  |  |  |  |  |  |
| 450 200hr History | M | 14.1 | 21.9 | 34.4 | 19.6 | 10.0 | 0.0 |
|  | F | 23.9 | 27.0 | 31.3 | 13.2 | 4.8 | 0.0 |
| 451 100hr History |  | 12.2 | 21.8 | 36.9 | 20.0 | 9.0 | 0.0 |
|  | M | 9.0 | 17.8 | 36.8 | 24.1 | 12.3 | 0.0 |
|  | F | 15.4 | 25.7 | 37.1 | 16.0 | 5.9 | 0.0 |
| Indonesian |  |  |  |  |  |  |  |
| 910 200hr Indonesian |  | 29.4 | 29.7 | 24.8 | 11.7 | 4.4 | 0.0 |
|  | M | 26.9 | 21.4 | 26.9 | 18.1 | 6.6 | 0.0 |
|  | F | 30.4 | 33.0 | 23.9 | 9.1 | 3.5 | 0.0 |
| 911 100hr Indonesian |  | 10.1 | 13.9 | 24.1 | 38.0 | 13.9 | 0.0 |
|  | M | 7.1 | 14.3 | 28.6 | 25.0 | 25.0 | 0.0 |
|  | F | 11.8 | 13.7 | 21.6 | 45.1 | 7.8 | 0.0 |
| Italian |  |  |  |  |  |  |  |
| 920 200hr Italian |  | 23.7 | 25.4 | 26.6 | 17.1 | 7.3 | 0.0 |
|  | M | 18.3 | 21.8 | 29.0 | 20.2 | 10.7 | 0.0 |
|  | F | 26.8 | 27.4 | 25.2 | 15.2 | 5.3 | 0.0 |
| 921 100hr Italian |  | 11.8 | 14.7 | 27.7 | 31.2 | 14.7 | 0.0 |
|  | M | 13.0 | 13.0 | 22.2 | 37.0 | 14.8 | 0.0 |
|  | F | 11.2 | 15.5 | 30.2 | 28.4 | 14.7 | 0.0 |
| Japanese |  |  |  |  |  |  |  |
| 930 200hr Japanese | M | 24.6 | 24.1 | 22.8 | 17.4 | 11.0 | 0.0 |
|  | F | 32.6 | 24.9 | 23.8 | 12.4 | 6.3 | 0.0 |
| 931 100hr Japanese |  | 10.9 | 18.5 | 29.6 | 25.8 | 15.2 | 0.0 |
|  | M | 3.5 | 14.0 | 35.7 | 27.3 | 19.6 | 0.0 |
|  | F | 15.1 | 21.0 | 26.2 | 25.0 | 12.7 | 0.0 |

Grades Awarded by Subject, Course and Sex for Candidatures Larger than 100 (continued)
Subject and Course $\quad$ Sex A\% B\% C\% D\% $\quad$ E\% $\quad$ N\%

| Korean |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 940 | 200hr | Korean | 34.5 | 27.3 | 29.1 | 5.5 | 0.0 | 0.0 |
|  |  | M | 33.3 | 14.3 | 38.1 | 4.8 | 0.0 | 0.0 |
|  |  | F | 35.3 | 35.3 | 23.5 | 5.9 | 0.0 | 0.0 |
| 941 | 100hr | Korean | 33.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  |  | M | 25.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  |  | F | 36.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Latin |  |  |  |  |  |  |  |  |
| 950 | 200hr | Latin | 48.8 | 28.1 | 13.5 | 6.2 | 3.5 | 0.0 |
|  |  | M | 48.4 | 31.9 | 10.3 | 5.2 | 4.2 | 0.0 |
|  |  | F | 49.3 | 22.5 | 18.2 | 7.7 | 2.4 | 0.0 |
| 951 | 100hr | Latin | 8.8 | 38.2 | 29.4 | 20.6 | 0.0 | 0.0 |
|  |  | M | 15.4 | 30.8 | 30.8 | 15.4 | 0.0 | 0.0 |
|  |  | $F$ | 4.8 | 42.9 | 28.6 | 23.8 | 0.0 | 0.0 |
| Mathematics |  |  |  |  |  |  |  |  |
| 320 | 200hr | Mathematics Standard | 8.9 | 20.0 | 34.6 | 23.5 | 13.1 | 0.0 |
|  |  | M | 9.1 | 20.0 | 33.7 | 23.5 | 13.8 | 0.0 |
|  |  | F | 8.6 | 19.9 | 35.8 | 23.5 | 12.2 | 0.0 |
| 321 | 200hr | Mathematics Intermediate | 10.5 | 22.3 | 37.6 | 21.5 | 8.2 | 0.0 |
|  |  | M | 10.5 | 22.0 | 37.8 | 21.6 | 8.1 | 0.0 |
|  |  | F | 10.4 | 22.6 | 37.3 | 21.4 | 8.2 | 0.0 |
| 322 | 200hr | Mathematics Advanced | 17.6 | 26.8 | 35.5 | 15.6 | 4.5 | 0.0 |
|  |  | M | 18.4 | 26.9 | 34.4 | 15.7 | 4.6 | 0.0 |
|  |  | F | 17.0 | 26.6 | 36.5 | 15.5 | 4.4 | 0.0 |
| Modern Greek |  |  |  |  |  |  |  |  |
| 990 | 200hr | Modern Greek | 28.1 | 28.7 | 24.7 | 13.1 | 5.4 | 0.0 |
|  |  | M | 19.3 | 28.6 | 27.5 | 15.8 | 8.8 | 0.0 |
|  |  | F | 36.5 | 28.7 | 22.1 | 10.5 | 2.2 | 0.0 |
| 991 | 100hr | Modern Greek | 23.5 | 11.8 | 23.5 | 29.4 | 0.0 | 0.0 |
|  |  |  | 16.7 | 16.7 | 16.7 | 16.7 | 0.0 | 0.0 |
|  |  | $F$ | 27.3 | 9.1 | 27.3 | 36.4 | 0.0 | 0.0 |
| Music |  |  |  |  |  |  |  |  |
| $2050$ | 200hr | Music | 19.9 | 25.9 | 28.9 | 16.0 | 9.3 | 0.0 |
|  |  | M | 15.5 | 23.0 | 29.9 | 18.9 | 12.7 | 0.0 |
|  |  | F | 23.9 | 28.5 | 27.9 | 13.4 | 6.2 | 0.0 |
| 2051 | 100hr | Music | 9.3 | 19.6 | 34.3 | 24.0 | 12.8 | 0.0 |
|  |  | M | 6.7 | 13.3 | 32.4 | 29.2 | 18.4 | 0.0 |
|  |  | F | 11.7 | 25.3 | 36.1 | 19.2 | 7.7 | 0.0 |
| Personal Development, Health and Physical Education |  |  |  |  |  |  |  |  |
| 2420 | 200hr | Personal Development, Health andPhysical Education | 12.9 | 25.3 | 35.7 | 18.1 | 8.0 | 0.0 |
|  |  | M | 10.8 | 23.2 | 36.5 | 19.9 | 9.6 | 0.0 |
|  |  | P F | 15.0 | 27.5 | 34.9 | 16.2 | 6.4 | 0.0 |
| 2421 | 100hr | Personal Development, Health and Physical Education | 12.3 | 25.8 | 36.8 | 18.5 | 6.8 | 0.0 |
|  |  | M | 10.0 | 23.7 | 37.6 | 20.8 | 7.9 | 0.0 |
|  |  | F | 14.6 | 27.8 | 35.9 | 16.1 | 5.6 | 0.0 |

Grades Awarded by Subject, Course and Sex for Candidatures Larger than 100 (continued)

| Subject and Course | Sex | A\% | B\% | C\% | D\% | E\% | N\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Russian |  |  |  |  |  |  |  |
| 1010 200hr Russian |  | 58.1 | 29.0 | 12.9 | 0.0 | 0.0 | 0.0 |
|  | M | 54.5 | 36.4 | 9.1 | 0.0 | 0.0 | 0.0 |
|  | F | 60.0 | 25.0 | 15.0 | 0.0 | 0.0 | 0.0 |
| 1011 100hr Russian |  | 50.0 | 40.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | M | 60.0 | 20.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | F | 40.0 | 60.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Science |  |  |  |  |  |  |  |
| 350 200hr Science |  | 13.1 | 22.0 | 35.8 | 19.9 | 9.2 | 0.0 |
|  | M | 12.8 | 20.5 | 34.8 | 21.0 | 10.9 | 0.0 |
|  | F | 13.4 | 23.5 | 36.9 | 18.8 | 7.5 | 0.0 |
| Sheep Husbandry and Wool Science |  |  |  |  |  |  |  |
| 1660 200hr Sheep Husbandry and Wool Science |  | 25.6 | 23.3 | 41.9 | 7.0 | 0.0 | 0.0 |
|  | M | 25.6 | 23.1 | 43.6 | 5.1 | 0.0 | 0.0 |
|  | F | 25.0 | 25.0 | 25.0 | 25.0 | 0.0 | 0.0 |
| 1661 100hr Sheep Husbandry and Wool Science |  | 9.5 | 33.3 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | M | 6.3 | 18.8 | 0.0 | 0.0 | 0.0 | 0.0 |
|  | F | 20.0 | 80.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Spanish |  |  |  |  |  |  |  |
| 1040 200hr Spanish |  | 17.6 | 27.3 | 33.1 | 18.0 | 4.0 | 0.0 |
|  | M | 17.9 | 20.8 | 34.0 | 20.8 | 6.6 | 0.0 |
|  | F | 17.4 | 31.4 | 32.6 | 16.3 | 2.3 | 0.0 |
| 1041 100hr Spanish |  | 19.1 | 25.0 | 33.8 | 16.2 | 5.9 | 0.0 |
|  | M | 21.1 | 23.7 | 34.2 | 13.2 | 7.9 | 0.0 |
|  | F | 16.7 | 26.7 | 33.3 | 20.0 | 3.3 | 0.0 |
| Studies in Society |  |  |  |  |  |  |  |
| 480 200hr Studies in Society |  | 21.9 | 25.8 | 29.3 | 15.0 | 8.1 | 0.0 |
|  | M | 13.9 | 19.3 | 34.6 | 19.8 | 12.4 | 0.0 |
|  | F | 26.1 | 29.3 | 26.4 | 12.4 | 5.8 | 0.0 |
| 481 100hr Studies in Society |  | 20.1 | 26.1 | 35.3 | 12.0 | 6.5 | 0.0 |
|  | M | 15.6 | 17.2 | 35.9 | 20.3 | 10.9 | 0.0 |
|  | F | 22.5 | 30.8 | 35.0 | 7.5 | 4.2 | 0.0 |
| Studies of Religion |  |  |  |  |  |  |  |
| 490 200hr Studies of Religion |  | 8.0 | 33.3 | 46.7 | 9.3 | 0.0 | 0.0 |
|  | M | 5.3 | 23.7 | 57.9 | 13.2 | 0.0 | 0.0 |
|  | F | 10.8 | 43.2 | 35.1 | 5.4 | 0.0 | 0.0 |
| 491 100hr Studies of Religion |  | 18.8 | 28.9 | 35.1 | 10.8 | 6.4 | 0.0 |
|  | M | 12.0 | 25.0 | 36.2 | 13.8 | 13.0 | 0.0 |
|  | F | 22.5 | 31.1 | 34.6 | 9.1 | 2.7 | 0.0 |
| Technical Drawing |  |  |  |  |  |  |  |
| 1670 200hr Technical Drawing |  | 18.9 | 25.7 | 31.4 | 16.1 | 7.9 | 0.0 |
|  | M | 17.4 | 25.4 | 32.2 | 16.7 | 8.3 | 0.0 |
|  | F | 28.3 | 27.9 | 26.4 | 11.7 | 5.7 | 0.0 |
| 1671 100hr Technical Drawing |  | 9.7 | 20.6 | 33.9 | 24.0 | 11.8 | 0.0 |
|  | $\stackrel{M}{\text { F }}$ | 7.9 17.2 | 20.9 19.7 | 33.7 34.8 | 25.0 19.7 | 12.5 8.6 | 0.0 0.0 |

School Certificate 1999
Grades Awarded by Subject, Course and Sex for Candidatures Larger than 100 (continued)

| Subject and Course | Sex | A\% | B\% | C\% | D\% | E\% | N\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Technics |  |  |  |  |  |  |  |
| 1679 100hr Technics I |  | 8.8 | 21.0 | 38.4 | 22.4 | 9.4 | 0.0 |
|  | M | 7.3 | 20.1 | 39.2 | 23.3 | 10.1 | 0.0 |
|  | F | 14.9 | 24.9 | 34.9 | 18.6 | 6.8 | 0.0 |
| 1680 200hr Technics I |  | 13.0 | 24.1 | 34.7 | 19.1 | 9.1 | 0.0 |
|  | M | 12.8 | 23.8 | 34.9 | 19.2 | 9.3 | 0.0 |
|  | F | 14.6 | 26.4 | 33.3 | 18.0 | 7.7 | 0.0 |
| 1681 200hr Technics II |  | 11.4 | 23.8 | 34.7 | 19.5 | 10.6 | 0.0 |
|  | M | 11.2 | 23.9 | 34.6 | 19.7 | 10.6 | 0.0 |
|  | F | 17.5 | 20.0 | 42.5 | 12.5 | 7.5 | 0.0 |
| Textiles and Design |  |  |  |  |  |  |  |
| 1690 200hr Textiles and Design |  | 20.8 | 26.4 | 30.5 | 15.8 | 6.5 | 0.0 |
|  | M | 3.5 | 8.8 | 15.8 | 47.4 | 24.6 | 0.0 |
|  | F | 21.0 | 26.7 | 30.8 | 15.3 | 6.2 | 0.0 |
| 1691 100hr Textiles and Design |  | 0.0 | 22.4 | 37.8 | 22.1 | 7.8 | 0.0 |
|  | M | 0.0 | 7.7 | 46.2 | 19.2 | 26.9 | 0.0 |
|  | F | 0.0 | 22.8 | 37.6 | 22.2 | 7.3 | 0.0 |
| Turkish $\quad \begin{array}{llllllllllllll} \\ \end{array}$ |  |  |  |  |  |  |  |
| 1050 200hr Turkish |  | 23.8 | 41.7 | 28.6 | 4.8 | 0.0 | 0.0 |
|  | M | 14.3 | 50.0 | 26.2 | 7.1 | 0.0 | 0.0 |
|  | F | 33.3 | 33.3 | 30.9 | 2.4 | 0.0 | 0.0 |
| 1051 100hr Turkish |  | 26.3 | 26.3 | 26.3 | 15.8 | 0.0 | 0.0 |
|  | M | 20.0 | 30.0 | 30.0 | 20.0 | 0.0 | 0.0 |
|  | F | 33.3 | 22.2 | 22.2 | 11.1 | 0.0 | 0.0 |
| Vietnamese |  |  |  |  |  |  |  |
| 1071 200hr Vietnamese |  | 28.8 | 34.1 | 20.4 | 12.1 | 4.5 | 0.0 |
|  | M | 17.3 | 32.7 | 25.0 | 19.2 | 5.8 | 0.0 |
|  | F | 36.3 | 35.0 | 17.5 | 7.5 | 3.8 | 0.0 |
| 1072 100hr Vietnamese |  | 35.7 | 0.0 | 0.0 | 21.4 | 0.0 | 0.0 |
|  | M | 66.7 | 0.0 | 0.0 | 33.3 | 0.0 | 0.0 |
|  | F | 27.3 | 0.0 | 0.0 | 18.2 | 0.0 | 0.0 |
| Visual Arts |  |  |  |  |  |  |  |
| 2060 200hr Visual Arts |  | 20.2 | 27.0 | 31.6 | 14.8 | 6.4 | 0.0 |
|  | M | 12.3 | 21.2 | 34.6 | 20.7 | 11.2 | 0.0 |
|  | F | 24.2 | 29.9 | 30.1 | 11.8 | 4.0 | 0.0 |
| 2061 100hr Visual Arts |  | 10.1 | 24.3 | 35.3 | 21.0 | 9.3 | 0.0 |
|  | M | 4.2 | 16.7 | 33.7 | 30.2 | 15.2 | 0.0 |
|  | F | 14.2 | 29.6 | 36.4 | 14.6 | 5.3 | 0.0 |

Performance Band Percentages Awarded in English - literacy Test

| Band | $\mathbf{6}$ | $\mathbf{5}$ | $\mathbf{4}$ | $\mathbf{3}$ | $\mathbf{2}$ | $\mathbf{1}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Mark Range | $90-100$ | $80-89$ | $70-79$ | $60-69$ | $50-59$ | $<50$ |
| Proportion | $8.2 \%$ | $25.8 \%$ | $30.0 \%$ | $20.5 \%$ | $11.3 \%$ | $4.2 \%$ |

A typical performance in each band is demonstrated when a student:

| 6 | Reads and thoroughly understands a variety of texts written for the general community. Locates, interprets, evaluates and synthesises information in written and visual material and infers meaning from context. Identifies and understands the purpose and tone of the material. Evaluates and explains the effectiveness of particular language techniques and features. Writes a sustained first draft, with original ideas. Writes with a clear purpose and controls tone and language to communicate successfully. Writes in logically sequenced paragraphs. Crafts sentences to suit audience and purpose. Shows an extensive and appropriate vocabulary. Uses complex punctuation appropriately and correctly. Spells accurately and uses correct grammar. |
| :---: | :---: |
| 5 | Reads and thoroughly understands a variety of texts written for the general community. Locates, interprets and evaluates information in written and visual material and infers meaning from context. Identifies and understands the purpose and tone of the material. Links particular language techniques and features to the writer's purpose and describes the effect. Writes a sustained first draft that develops ideas from stimulus material provided. Writes with a clear purpose, using tone and language appropriately. Writes in logically sequenced paragraphs. Produces sentences that vary in length and type. Shows a wide vocabulary, with words used appropriately in context. Shows a high level of accuracy in spelling, punctuation and grammar. |
| 4 | Reads and understands the main ideas and issues in a variety of texts written for the general community. Locates and interprets information in written and visual material and infers meaning from context. Identifies the purpose of the material and links particular features to the audience and purpose. Writes a first draft in response to stimulus material provided. Writes with a clear purpose, using tone and language appropriately. Organises writing into paragraphs. Produces sentences that vary in length and type. Uses vocabulary to suit purpose and audience. Demonstrates skills in spelling, grammar and punctuation, with infrequent errors. |
| 3 | Reads and understands most of the main ideas and issues in a variety of texts written for the general community. Locates information in written and visual material and applies it in response to questions. Identifies the purpose of the material and identifies features of the texts. Writes a first draft in response to stimulus material provided. Writes an introduction, expresses a point of view and makes a conclusion. Organises writing into paragraphs. Demonstrates some sentence variety. Uses vocabulary to suit purpose and audience. Spells routine words accurately and uses basic punctuation consistently. |
| 2 | Reads and recalls some of the main ideas in a variety of texts written for the general community. Identifies the main issues and names features of the texts and quotes examples. Locates information in written and visual material and matches it to a correct answer. Uses an issue from stimulus material provided to produce a piece of writing as a first draft that has an introduction, a point of view and a conclusion. Produces simple sentences. Uses vocabulary that is appropriate to the subject matter. Spells routine words accurately and uses basic punctuation consistently. |

Performance Band Percentages Awarded in Mathematics Test

| Band | $\mathbf{6}$ | $\mathbf{5}$ | $\mathbf{4}$ | $\mathbf{3}$ | $\mathbf{2}$ | $\mathbf{1}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Mark Range | $90-100$ | $80-89$ | $70-79$ | $60-69$ | $50-59$ | $<50$ |
| Proportion | $8.3 \%$ | $21.9 \%$ | $26.1 \%$ | $26.3 \%$ | $15.8 \%$ | $1.6 \%$ |

A typical performance in each band is demonstrated when a student:
$\left.\begin{array}{|l|l|}\hline & \begin{array}{l}\text { Communicates extensive mathematical knowledge and understanding } \\ \text { effectively using words, numbers, pronumerals, graphs and diagrams. Selects } \\ \text { and uses mathematical techniques across a wide range of topic areas. Solves } \\ \text { problems that involve several steps and interprets information presented in a a }\end{array} \\ \text { variety of forms such as graphs, diagrams or algebraic expressions. Shows a high } \\ \text { level of competence with respect to number sense by using and moving } \\ \text { between different representations such as integers, fractions, decimals and } \\ \text { percentages. Estimates and interprets answers in context. Extends and and } \\ \text { generalises given patterns. Analyses statistical and geometrical data and draws } \\ \text { conclusions with justification. }\end{array}\right\}$

## Performance Band Percentages Awarded in Science Test

| Band | $\mathbf{6}$ | $\mathbf{5}$ | $\mathbf{4}$ | $\mathbf{3}$ | $\mathbf{2}$ | $\mathbf{1}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Mark Range | $90-100$ | $80-89$ | $70-79$ | $60-69$ | $50-59$ | $<50$ |
| Proportion | $5.6 \%$ | $22.8 \%$ | $34.2 \%$ | $24.6 \%$ | $11.0 \%$ | $1.8 \%$ |

A typical performance in each band is demonstrated when a student:

|  | Demonstrates extensive and detailed knowledge and understanding of complex <br> scientific concepts. Communicates logically, using correct scientific <br> terminology and appropriate scientific formats, such as written text, diagrams, <br> tables, graphs and flow charts. Identifies and uses correct components of a |
| :--- | :--- |
| scientific investigation. Demonstrates complex graphing skills, including <br> locating information and identifying trends; uses information from graphs to <br> solve complex problems. Performs complex calculations using data from <br> scientific processes, concepts and scales. Justifies the choice of appropriate <br> scientific equipment to suit a hypothetical situation. Analyses and evaluates <br> scientific relationships, synthesising information to draw conclusions. Applies <br> scientific ideas to unfamiliar situations. |  |
| $\mathbf{5}$ | Demonstrates thorough knowledge and understanding of most scientific <br> concepts. Communicates using correct scientific terminology and appropriate |
| scientific formats, such as written text, diagrams, tables and graphs. Identifies <br> components of a scientific investigation. Demonstrates competent graphing <br> skills, including locating information and identifying trends; uses information <br> from graphs to solve problems. Performs calculations using data from scientific <br> processes, concepts and scales. Justifies the choice of appropriate scientific <br> equipment to suit a specific task. Explains scientific relationships and identifies <br> patterns from information to draw conclusions. Applies scientific ideas to <br> familiar situations. |  |
| $\mathbf{4}$ | Demonstrates sound knowledge and understanding of some scientific concepts. <br> Communicates using correct scientific terminology and some scientific formats, |
| such as written text, diagrams and tables. Recalls components of a scientific <br> investigation. Demonstrates graphing skills, including locating some information <br> and identifying trends. Performs basic calculations using data from scientific <br> processes, concepts and scales. Selects appropriate scientific equipment to suit <br> a specific task. Explains straightforward scientific relationships from information. <br> Describes scientific ideas. |  |

