

Freshmen: Computing Core and Internet Core

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Schedule:

Rooms 104, 105, 111

Daily 1:27 - 2:15

Topics By Teacher

<u>Mr. Bushard (Second Semester)</u> Electronics, ROBOTC	<u>Mr. Erickson</u> Design, Introduction to Programming, HTML/CSS, Current Issues
<u>Ms. Riley</u> Computer Software, Computer Hardware, IT Basics, Internet Technologies, Databases, Binary Language Conversions	<u>Lee Lovell (First Semester)</u> Networking, Cybersecurity, CyberStart

Course Competency: CompTIA Information Technology Fundamentals Exam

Course Overview

This course includes varied elements of computing fundamentals which include: elements of digital designing, what a computer is, processing and analyzing data, software, hardware, troubleshooting, programming languages, networking, media communications, problem solving, and the social, ethical and security issues surrounding technology. This course is intended to introduce students to applications such as databases, media creation software, Internet browsers, and operating system tools. The CompTIA ITF certification exam is designed as the first-step for entry-level IT professionals. This exam is intended for those who are pursuing a career in the IT industry. For more information about the CompTIA ITF click [here](#).

Grading

Each teacher's section will be graded on a point-based system derived from section work and exams. Section work may include assignments, projects, quizzes, work ethic, and professionalism. Explanations and/or due dates of section work will be listed in PowerSchool and/or Moodle. In each section students will receive 200 points for section work and 50 points for an end-of-session portfolio, for a total of 250 points per section/rotation. One class session may be given at the end of each section for students to work on portfolio assignments, make-up work, etc. **ALL WORK related to a section/rotation MUST be completed and submitted by the end of class on the last day of that section/rotation to receive credit.** Individual instructors will

determine the credit value, if any, for late work during his/her rotation.

TestOut NOTE: Since the competency for this course is an industry certification, students are expected to achieve passing scores on all TestOut coursework. Students can repeat labs and quizzes as many times as they choose to increase their averaged scores. If a student receives below a 70% on a lab or quiz a zero will be placed in the student's gradebook with a notation of the score earned. If the student passes the module exam for that unit, the earned score will be posted to the student's gradebook. If the module exam is not passed, the zero will remain. Students can retake module exams with instructor permission.

Competencies

The CompTIA ITF is a competency for both semesters of this course (Computing Core and Internet Core). The CompTIA ITF certification is an industry related certification and so follows TestOut's exam policy (see below). Still, the MTCHS competency policy also applies. Students will have 3 attempts to pass the exam (initial attempt and up to 2 re-attempts). Before exam retakes will be scheduled, the instructor(s) will review the student's study time and scores.

NOTE: Students will not be allowed to re-take an exam less than 48 hours after the failed attempt and must show having spent considerable time reviewing the material (monitored in TestOut).

TestOut's Exam Policy

- The TestOut Pro certification exams do not allow examinees to go back to previous questions or to check their answers.
- The TestOut Pro certification exams do not allow examinees to use other sources (notes, Internet, etc.) to aid in answering questions.
- Examinees must budget their time to move through the exam and complete it within the time limit.
- Cost for retaking Pro certification: one (1) Voucher - \$45
 - At this time exam retakes can ONLY be scheduled and administered by the original administrating teacher.
 - Retake vouchers can be purchased online with an academic purchasing code, or they can be purchased over the phone by calling TestOut at 1-800-877-4889.
 - If a candidate passes the exam, they cannot take the exam again without prior approval from TestOut.
 - Candidates must pay for each attempted exam. The cost of the first exam is included with the purchase of TestOut Pro courses.

Passing the course competency is required for admittance into all upper-level tech courses and to return to MTCHS the following school year.

Course Expectations

As a student at MTCHS, you are responsible for:

- ▲ following the MTCHS Student Handbook policies
- ▲ adhering to class behavior expectations for each teacher
- ▲ tracking due dates in PowerSchool and/or on the class calendar

Assignments

Each quarter consists of 3 rotations (1 for each teacher). Due dates are posted in PowerSchool

and/or Moodle. Beginning and ending rotation dates are posted at the top of the Moodle class. Assignments completed after the due date, but before the end of the rotation, may or may not receive full credit---credit value and acceptance of late work will be determined by each instructor. **Assignments submitted after the end of the rotation will not receive any credit.**

For Example:

In Ms. Riley's section you had 5 assignments, but the last two assignments did not get submitted by the due date. The rotation ends today. So, if you submit those two remaining assignments **BEFORE** the end of class you might still receive some credit for those assignments (if you have made prior arrangements with the instructor). BUT, if you submit those assignments after you get home from school, you will NOT receive any credit for the late assignments since the current section/rotation has ended.