Get ready for the world.
Study at Mapúa Senior High School.

Take college readiness to a higher level!
ABOUT MAPÚA:

Founded on January 25, 1925, by Don Tomas Mapúa, an architecture graduate of Cornell University in the United States and the first registered Filipino architect, Mapúa Institute of Technology is the biggest engineering school in the Philippines. It has campuses in Intramuros, Manila, and in Makati City and runs Malayan Colleges Laguna (MCL) in Southern Luzon and Malayan High School of Science (MHSS) in Pandacan, Manila.

Mapúa envisions itself to be one of the best universities in the world, unceasingly fostering its tradition of excellence in engineering, architecture, information technology (IT), business, and social sciences education. It provides students a learning environment that will make them globally competitive, engaging in economically viable research, development and innovation to provide state-of-the-art solutions to problems of industries and communities.

The institute has continuously formed international linkages with prestigious companies and universities for research and development purposes, and international on-the-job trainings to prepare its students to the world of practice.

Message of the Principal

Prior to 2011, the Philippines was the only remaining country in Asia to keep the 10-year basic education before college. Because of this, many criticized that Filipino students were falling behind in the core academic subjects—Mathematics, Science, and English.

With the implementation of the K-12, young adults are given better opportunities to ready themselves for the tertiary level of education. They are given a chance to enter the work force after completion of secondary levels. Students are also better equipped to pursue higher education. Lastly, the K-12 system reduces the number of residency years in college.

Mapúa Senior High School provides these opportunities for you.

For 90 years, Mapúa has been providing world-class quality education. And you, in choosing Mapúa Senior High School, are taking college readiness to a higher level! With the global accreditations and recognitions that the Institute and its programs have, you are sure that you have made the right decision in choosing to enroll here as another step in achieving your goals in the future—whether it is to continue with higher studies or become a professional abroad.

With the ever-evolving world today, Mapúa SHS will help you acquire advanced skills that will make you globally competitive. The competent faculty of Mapúa SHS, tasked to deliver the most effective education standards, will not only provide an overview of knowledge inside the classroom, but will also encourage students to explore and think outside the box.

In Mapúa Senior High School, students are always one step ahead!
Preparing for your future is best done early. Be exposed to invaluable learning opportunities that only the country’s premier technological school can give you. As the first school in Southeast Asia to have ABET-accredited* engineering and computing programs, Mapúa Institute of Technology offers programs that are globally recognized for quality. Now is the time to make the Mapúa edge your edge.

Mapúa SHS will be on semestral system. First semester will be in July; second will be in December. Both will have 20 weeks each.

Why enroll Senior High School at Mapúa?
1. Early admission to college
2. Special courses will be offered for advanced placement opportunities in college.
3. Takes one (1) year to finish a Master’s Degree if the student will pursue a BS-MS program. (16 terms to finish a straight BS-MS program)
4. Senior High School curriculum will be aligned to the college curriculum to give an edge to the students enrolled.
5. Established industry partners
6. Performance in the board exams

How do I apply?
1. Submit all admissions requirements.
   Applicants with at least 85% General Weighted Average (GWA) and final grades in Science, Mathematics, and English in Grade 9 are exempted from taking the Mapúa Scholastic Aptitude Examinations (MSAE).
2. Pay the application fee of P550.

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Semester Calendar for Senior High School

<table>
<thead>
<tr>
<th>Schedule of classes</th>
<th>20 weeks per semester</th>
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</thead>
<tbody>
<tr>
<td>AM: 7:00 AM – 12:30 PM</td>
<td>PM: 1:00 PM – 6:30 PM</td>
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<tr>
<td>Half-day schedule:</td>
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<tr>
<td>First semester</td>
<td>July to November</td>
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<td>Second semester</td>
<td>December to May</td>
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<tr>
<td>Vacation schedule</td>
<td>2 weeks between 1st and 2nd semester</td>
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<td>May and June</td>
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</tbody>
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*US-based ABET is a non-profit group that accredits college and university programs in applied science, computing, engineering and technology. It is the leading agent of the Washington Accord. (www.abet.org)

Mapúa continues its tradition of excellence by consistently updating its programs and perfecting them. Blazing a trail in internationalizing Philippine education and serving as benchmark for neighboring countries, Mapúa is the first school in the entire Southeast Asia to be granted accreditation by the Engineering Accreditation Commission of ABET (www.abet.org) for eight of its engineering programs; and by the Computing Accreditation Commission of ABET for two of its computing programs. This means graduates of Chemical Engineering (ChE), Civil Engineering (CE), Computer Engineering (CpE), Electrical Engineering (EE), Electronics Engineering (ECE), Environmental and Sanitary Engineering (EnSE), Industrial Engineering (IE), and Mechanical Engineering (ME), as well as Computer Science (CS) and Information Technology (IT), have equal footing with graduates worldwide.

THE FIRST SCHOOL IN THE PHILIPPINES TO HAVE PROGRAMS FULLY ACCREDITED BY PTC-ACBET

Another proof of the Institute’s being world class, the Philippine Technological Council (PTC) granted four Mapúa engineering programs, namely IE, CE, EE, and ECE, with its full accreditation. PTC is the umbrella organization of all engineering professional groups in the country and a provisional member of the Washington Accord, an international agreement among accreditation bodies in different countries responsible for accrediting engineering degree programs.

As part of its continuous quality improvement efforts, the Institute had pursued an ISO certification to ensure consistency and high standards in all its operating practices. Last September 30, 2014, Mapúa was granted an ISO certification (ISO 9001:2008 (QMS).
In terms of output, Mapúa has produced more than 250 board toppers on record since 2002, with six sterling No. 1s in the EE, ME, CE, ChE, Sanitary Engineering, and Geology licensure examinations in 2014 to top them off.

Mapúa’s Development Office for Information Technology supports the Institute’s information and communications technology requirements:

- Online Enrollment and Payment
- Computerized Grade Processing
- Online Student Performance Query

BlackBoard, a Learning Management System, is used to facilitate and supplement teaching and learning activities. The Institute also has fully networked and Internet-ready computer laboratories (1:1 student-to-computer ratio) equipped with various application software.

Campus redevelopment is currently being undertaken by the Institute. A two-storey research building was inaugurated at the Intramuros campus last February 2015 to house all its research laboratories. The research building is in line with one of Mapúa’s strategic initiatives, which is to develop its research capabilities. The gymnasium and cafeteria have also been renovated.

The Institute also provides comprehensive online resources such as subscription databases that offer full text access to E-books and E-journals. There is also a platform for searching the Library collection available 24/7 via the Internet through the Mapúa Libraries TLC catalog and the EBSCO Discovery Service. The Institute Archives and Special Collections, a unit of the Libraries, contains Mapúa’s founding documents and the personal papers of noted faculty. DTheses@Mapúa is a digital repository containing Mapúa theses, feasibility studies, and the scholarly works of Mapúa faculty and students, researchers, labs, and centers.

Internationalization of programs. One of the main initiatives that the Institute focuses on until 2020 is to build a solid reputation for Mapúa as an international university. In 2008, Mapúa began sending students to Chung Yuan Christian University in Taiwan for research-internship program. By 2010, students were sent to major companies in Singapore for on-the-job training. The Institute also is continuously strengthening its international programs such as plant visits, student exchanges, and summer programs through its collaborations with universities around the globe. To date, Mapúa has a growing number of partners in different parts of the world including the US, South Korea, Japan, Malaysia, Taiwan, Thailand, Spain, and Sweden. The Institute will offer courses for advanced placement opportunities.

Mapúa Institute of Technology launched Blackboard Learn, a new learning management system (LMS) for all its schools and departments, including the Malayan High School of Science (MHS5) and the Malayan Colleges Laguna (MCL).

Blackboard Learn is a tool that provides students and teachers an easy and effective way to access course materials. It gives the capability for asynchronous online collaboration and course delivery, advanced roles and rights management, including the capability to create customized communities of users, library integration, and a centralized content repository with granular control over content objects.

The new technology will give way to the standardization of LMS across all programs and departments of the Institute and its subsidiaries. “Currently, we are using several free LMS such as Moodle, Canvas, and the like, and we cannot maximize them according to what we need in terms of reports needed by the different schools or programs,” Center for Teaching and Learning head Mary Christine A. Tomas said.

She added that Blackboard differs because unlike free LMS, students and faculty members can tailor their Blackboard page according to their classroom needs. Also, Blackboard Learn provides faculty members access to their students’ progress.

It includes a tool that allows teachers and professors to detect plagiarism, distribute class reading, and conduct online conferences for distance learning.
SHS Academic Strands

Strand 1: Science, Technology, Engineering, and Mathematics (STEM)
Designed to prepare students who express keen interest in taking college degrees focused on Science, Technology, Engineering, and Mathematics, this strand aims to familiarize the students with all the aspects involved in applying engineering, science, math, and technology to solve problems in a real-world context. Students will be exposed to learning activities that will hone their knowledge and skills in analyzing data, understanding real-world impacts, and conducting research. Students will be prepared to participate as part of a team and as a team leader hence preparing them to become well-rounded individuals. SHS students can pursue any of the undergraduate programs identified under this strand:

- BS Architecture (AR)
- BS Industrial Design (ID)
- BS Biological Engineering (BE)
- BS Chemical Engineering (Che)
- BS Chemistry (Chm)
- BS Civil Engineering (CE)
- BS Computer Engineering (CpE)
- BS Electrical Engineering (EE)
- BS Electronics Engineering (ECE)
- BS Environmental and Sanitary Engineering (EnSE)
- BS Geology (Geo)
- BS Manufacturing Engineering (MfgE)
- BS Materials Science & Engineering (MSE)
- BS Mechanical Engineering (ME)
- BS Construction Engineering & Management (CEM)
- BS Management Science and Engineering (GSE)
- BS Service Engineering and Management (SEM)
- BS Information Systems (IS)

Strand 2: Accountancy, Business, and Management (ABM)
Designed to prepare students who are inclined to take college degrees related to business and management programs, this strand will be about the basic principles of the various functional areas of business such as marketing, finance and accounting, information and technology, and entrepreneurship. Students will also engage in business simulation and be exposed in the types of decisions business managers face regularly. They will be challenged to articulate the importance of strong business analytical skills and teamwork. SHS students can pursue any of the undergraduate programs identified under this strand:

- BS Accountancy (ACT)
- BS Business Administration (BA)
- BS Entrepreneurship (ENT)
- BS Hotel and Restaurant Management (HRM)

Strand 3: Humanities and Social Sciences (HUMSS)
Designed to effectively prepare students who seek to pursue a college degree on liberal education, this strand will be about a variety of subjects, looking at the world and its people from various points of view. They will learn about ideas and beliefs that have guided human beings and shaped civilizations for thousands of years. The learning activities are directed towards the development of critical thinking. They will take introductory courses, which will give them a wide knowledge of subjects and will guide them later on in choosing their major discipline. SHS students can pursue any of the undergraduate programs identified under this strand:

- AB Psychology (PSYA)
- BS Psychology (PSYB)
- BS Technical Communication (TCB)
- BS Education Technology (EDT)

Strand 4: General Academic Strand (GAS)
Designed to prepare students who are more inclined to general areas of study rather than specialized fields, this strand will present the option for students to take their electives from specialized subjects of any other strands. SHS students can pursue any of the undergraduate programs identified under this strand:

- BS Multimedia Arts and Sciences (MAS)
- BFA Digital Cinema (DC)
- BS Interior Design (ID)

FACILITIES
Analytical and Physical Chemistry Lab
Art Studio
ARMAC Laboratory
ASTEC Power Lab
Automotive Technology
CAD Room
CD-EnSE Materials Testing Lab
CE-EnSE Soil Mechanics Lab
CHE-Chm Biotech Lab
CHE-Chm General Chemistry Lab
CHE-Chm Organic Chemistry Lab
CHE-Chm Pilot Plant
Chemical Process Industry
CIM Lab
Drafting/Studio Room
DSP Lab
ECE Communications Lab
EECE Electronics Lab
EE-EE-CpE Research Lab
EE Power Lab
EnSE Lab
Environmental Research Lab
Food Technology Laboratory
Foundry
HYAC-R
Hydraulics Lab
Hydraulics Research and Operation
Uni Lab
IE Applications Lab
IE Methods and Ergonomics Lab
Instruments and Controls Lab
Logic Circuit Lab
Machine Shop
MAS MAC Computer Laboratories
MAS Post Production Studio
Materials/Nanotech Research Lab
Mechanronics
ME Lab
Microscopy Lab
Microprocessor Lab
Open Laboratories
Organic Synthesis Research Lab
PC Troubleshooting Lab
Photography Lab
Physics Lab
Psychology Lab
Seminar Room
Special Projects Lab
Structural Engineering
UTM Center
Water Uni-tech & Resource Lab
Windows Computer Laboratories
Starting young has always produced good results.

Mapúa to open doors for senior high school starting AY 2016-2017

Mapúa wants senior high school students, young as they are, to be equipped for the future through its world-class curriculum. From these youths, Mapúa hopes to fashion excellent professionals with global outlook who will take on the governing of the Philippines in the near future.

Mapúa Institute of Technology, the country’s leading technological school, is set to offer senior high school (SHS) starting academic year 2016-2017.

“As we open our doors to Grades 11 and 12, the same high-quality education that Mapúa is known for will be employed, which ensures world-class education.”

Mapúa President and Chief Executive Officer Dr. Reynaldo B. Vea said that Mapúa will offer all strands in the Academic Track and that the curricula will be strongly aligned with its undergraduate curricula, which are outcomes-based and learner-centered. This is pursuant to the Department of Education’s mandate that the SHS curricula should be designed to ensure that the graduates in the academic track will be ready for higher learning.

“As we open our doors to Grades 11 and 12, the same high-quality education that Mapúa is known for will be employed, which ensures world-class education and advantage in admission to tertiary level institutions,” said Dr. Vea.

The four strands under the Academic Track that Mapúa SHS will be offering are Science, Technology, Engineering and Mathematics Strand (STEM); Accountancy, Business and Management Strand (ABM); Humanities and Social Sciences Strand (HUMSS); and General Academic Strand (GAS).

Dr. Vea further added that studying at Mapúa SHS will give the students foot-in-the-door advantage in the competitive admissions process into the colleges of Mapúa. They may choose to pursue any of the Mapúa academic degree programs, which are harmonized with the four SHS academic strands. These programs include but are not limited to eight programs accredited by the Engineering Accreditation Commission of ABET, namely Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Electronics Engineering, Environmental and Sanitary Engineering, Industrial Engineering, Mechanical Engineering, and Computer Science and Information Technology programs, accredited by the Computing Accreditation Commission of ABET (www.abet.org).

Moreover, students with at least 85% general weighted average and final grades in Science, English and Mathematics will be exempted from taking the admission exam.

Mapúa also offers integrated BS/MS programs that will give students an MS degree in the same amount of time that will give them a BS degree in other schools. This is possible because of Mapúa’s quarter system at the college level.

“With the offering of the SHS, we guarantee that we will continue to uphold Mapúa’s tradition of excellence and forward-looking approach to development. In Mapúa SHS, the students will gain strong background and competitive skills, as well as professional readiness and growth,” said Engr. Rosette E. Eira, dean of Admissions and International Programs.

Mapúa SHS will have two semesters, which will start in July and December. Each semester will have 20 weeks.
ADMISSION GUIDELINES FOR SENIOR HIGH SCHOOL

1. Fully accomplished application form
2. Proof of Candidacy for completion (photocopy of any of the following):
   a. Report card for the current school year
   b. Certificate of Good Moral Character
   c. Current school ID (with school year and year level)
3. Two (2) identical pictures (plain background), size 1.5” x 1.5”
4. Application fee (if applicable)
5. Additional Requirements:
   i. Junior High School completers who did not enroll the following academic year after graduation
      • Original and photocopy of junior high school report card
      • Photocopy of certification from the high school principal stating that the applicant's Form 137-A is still in the school file and has not been forwarded to another school
   ii. Foreign applicants from Philippine school
      • Alien Certificate of Registration (ACR) or Special Study Permit (SSP)
      • Original and photocopy of passport
   iii. Foreign Applicants coming from schools abroad except Philippine schools under DepEd
      • Scholastic records or Transcript of Records duly authenticated by the Philippine Embassy in the applicant's country of origin
      • Certificate of Completion in Grade 10
      • Photocopy of applicant's passport bio-page, latest admission and authorized stay
   iv. Graduates of Non-Formal Education Accreditation and Equivalency or graduates of Alternative Learning System Accreditation and Equivalency are required to take the MSAE (Mapúa Scholastic Aptitude Examination/Mapúa Entrance Exam)
      • Certificate of Rating (with passing marks in all subjects)

IMPORTANT REMINDERS:

1. Applicants with at least 85% General Weighted Average (GWA) and final grades in Science, Mathematics, and English in Grade 9 are exempted from taking the MSAE.
2. All applicants who are interested to study senior high school in Mapúa, regardless if they are exempted or not in taking the exam, shall provide all admission requirements.
3. Applicants exempted from taking the MSAE may confirm their slots by paying the non-refundable reservation fee of Php 5,000 at the Mapúa Treasurer’s Office starting August 2015.
4. The application is considered official once a receipt has been issued (for MSAE takers):
   • Mapúa provisional receipt (for those who applied in-campus) or
   • Mapúa official receipt (for those who applied at any accredited Testing Center).
5. Examinees should present their examination permits together with the receipts on the day of the examination.

ENROLLMENT REQUIREMENTS:

1. Mapúa Examination Permit or Examination Result Letter or Notice of Results
2. Original Grade 10 report card with the applicant's eligibility for admission to Senior High School duly signed by the school principal
3. Original certificate of good moral character (recently issued) from the high school (with school seal)
4. Original birth certificate printed on National Statistics Office (NSO) paper
5. Fully accomplished SHS Student Data Sheet / SHS Enrolment Form
6. 1 pc. ID picture (plain background), size 1.5” x 1.5”
7. One (1) long brown envelope to contain all of the above
8. Additional/Other Requirements:
   a. For junior high school completers of previous years who did not enroll in any school after completion:
      • Certification from the high school principal stating that the Form 137-A is still in the school file, and has not been forwarded to another school
   b. For students who attended Non-Formal Education Accreditation and Equivalency or completers of Alternative Learning System Accreditation and Equivalency:
      • Certificate of Rating with passing marks in all subjects
      • Photocopy of diploma
   c. For Filipino students coming from schools abroad (except for Filipino schools under DepEd):
      • Authenticated Transcript of Records from Junior High School (in lieu of number 2)
      • Certificate of completion in Grade 10 (junior high school or its equivalent)
      • Certificate of Good Moral Character or Recommendation from the School Guidance Counselor or Principal (in lieu of number 3)
      • Original and photocopy of Filipino passport
   d. For foreign nationals:
      • Current junior high school completer from high schools in the Philippines or high schools abroad under DepEd:
        • Alien Certificate of Registration (ACR) or Special Study Permit (SSP)
        • Original and photocopy of Passport
      • Certificate of completion in Grade 10 (junior high school or its equivalent)
      • Certificate of Good Moral Character or Recommendation from the School Guidance Counselor or Principal (in lieu of number 3)
      • Original and photocopy of passport

Financial assistance

ETY SHS SCHOLARSHIP

i. Qualifications
   • Incoming senior high school student
   • Exempted from taking the Mapúa Scholastic Aptitude Examination (MSAE) or must attain at least 85% in the Mapúa Scholastic Aptitude Examination
   • Must pass the panel interview
   • Must pass and be one of the top ten (10) scorers of the ETY scholarship exam

ii. Incentives
   • Free tuition and other fees for the entire duration of the program
   • Annual stipend of Php 5,000

iii. Responsibilities
   • General weighted average of 90% and up in a year
   • Shall have no grade lower than 85% in any subject
Student Services

Office of Student Affairs

The Office of Student Affairs (OSA) is responsible for creating a campus environment that is conducive to the learning process, safeguarding student welfare, promoting healthy communication among students, faculty members, personnel, and the administration, disseminating information to students, and identifying, monitoring, and acting upon the specific needs of the students.

Office of the Prefect of Discipline

The Office of the Prefect of Discipline (OPD) provides for the integral development of student's moral values, habits, ethics and ideals, and strives to implement rules and regulations aligned with the Student Discipline Handbook and Mapúa Core Values.

Center for Guidance and Counseling

The Center for Guidance and Counseling (CGC) offers various services that aim at developing students’ educational, vocational, and psychological potentials. CGC also finds ways to reach out to its graduates or alumni as part of its follow-up services.

Center for Student Advising

The Center for Student Advising (CSA) services ranges from academic to peer to personal. Major objectives of the center include helping students adjust to college life. Free tutorial is also being offered by the center.

Center for Scholarships and Financial Assistance

The Center for Scholarships and Financial Assistance (CSFA) ensures that scholarships, academic grants, financial aids, and all its services are made available to academically deserving, creatively gifted and financially challenged students.

Center for Career Services

The Center for Career Services facilitates international programs for inbound and outbound students. Among its services and projects are the MIT Career Link, career development seminar, on-campus recruitment, local and international on-the-job-training program, international plant visit, student exchange programs, cultural immersion programs and leadership programs.

Campus Ministry/Center for Spiritual Development

The Campus Ministry caters to the spiritual well-being of students within the campus, and embraces such organizations as the MIT Student Catholic Action, Youth for Christ, Campus Crusade for Christ, Campus Ministry Volunteers, and other spiritually oriented organizations.

Center for Cultural Development

The Center for Cultural Development offers a diverse cultural treat for Mapúa students to showcase their creative and artistic talents through the Mapúa Tokio Teatro, and the Mapúa Cardinal Singers, the Institute’s official resident choir.

Center for Student Publications

The Center for Student Publications publishes the school organ, The New Builder, and the school yearbook, Cardinal and Gold. It aims to help students enhance their journalistic and literary skills.

Health Services Department

The Health Services Department conducts initial medical and dental examinations of freshman students, facilitates the annual physical examination of regular employees, makes vaccinations available upon patients’ requests, and conducts seminars relevant to health awareness. It also accommodates students and employees for medical consultations, first aid treatment, and basic dental services.
The 17,996-square-meter campus in Intramuros houses Mapúa Senior High School and its undergraduate programs namely: architecture and design, engineering and sciences, engineering management, social science, and multimedia and visual arts. It is easily accessible via buses, passenger jeepneys, and the Light Rail Transit. Inside the campus, all the buildings are interconnected, making the different offices, classrooms, and other facilities easily accessible. Intramuros campus is equipped with state-of-the-art facilities to aid its students in their learning and development. Today, Mapúa is widely recognized as the biggest engineering school in the Philippines.