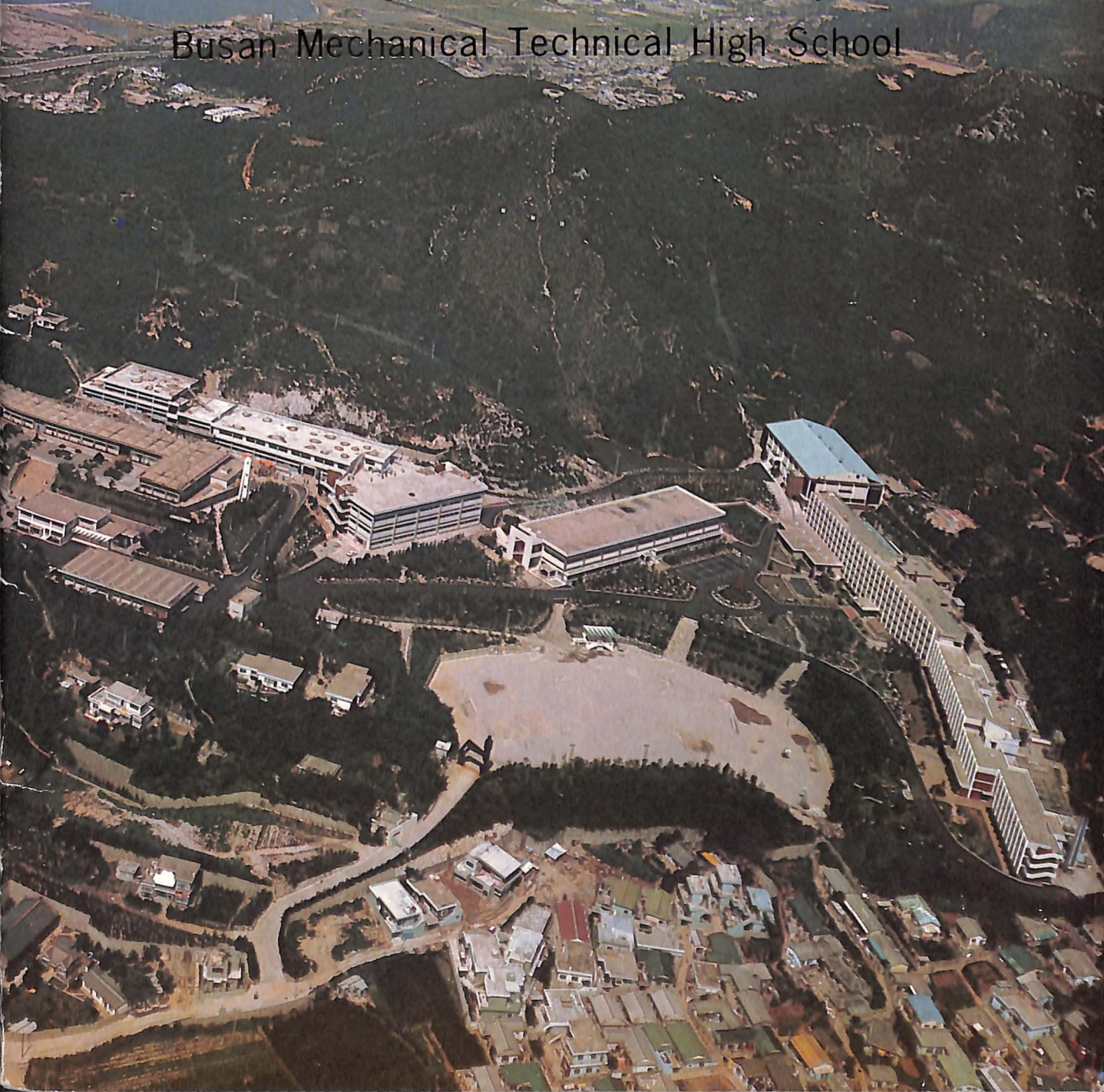


國立釜山機械工業高等學校

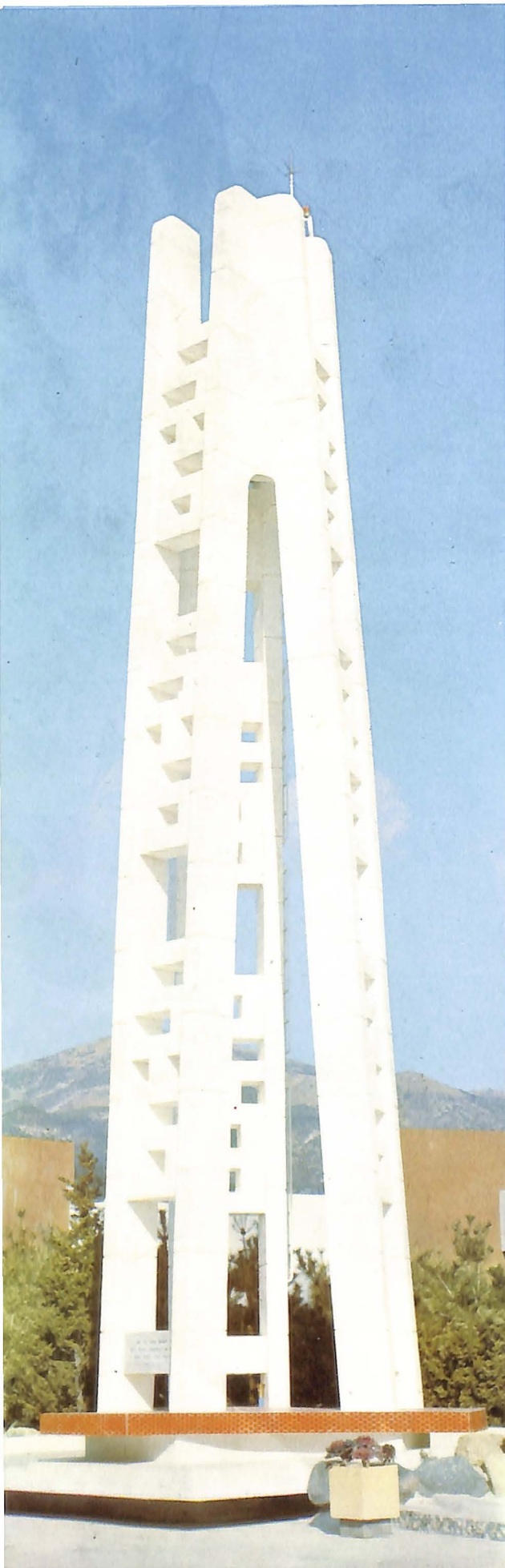
Busan Mechanical Technical High School



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學校全景	10	Bird's-eye view of this school
機械科	12	Mechanical department
配管科	16	Plumbing department
電氣科	18	Electrical department
寄宿舍	20	Dormitory





沿革

1967. 1. 國立 釜山職業學校로 設置 認可
" 3. 釜山水産大學 臨時 假校舍에서 開校
" 5. 田 千秀 初代 校長 發令
1968. 2. 臨時校舍에서 海雲臺 本 校舍로 移轉
1971. 11. 朴 大統領 閣下 本校 視察
1973. 3. 精密加工士 養成 學校로 指定
" 10. 朴 大統領 閣下 本校 二次 視察
1974. 3. 國立 釜山機械工業學校로 校名 變更
" 6. 金 鍾泌 前國務總理 本校 視察
1975. 11. 朴 大統領 閣下 本校 三次 視察
1976. 2. 李 炳先 二代 校長 發令
1977. 4. 崔 圭夏 國務總理 本校 視察
1977. 5. 5・16 民族賞 本賞(教育部門) 受賞
1977. 9. 國立 釜山機械工業高等學校로 校名 變更
" 12. 三星重工業(株)과 姊妹結緣
1978. 2. 朴 大統領 閣下 本校 四次 視察
" 4. 大韓造船(株)과 姊妹結緣
" 7. 朴 大統領 閣下 本校 五次 視察
" 9. 第24回 國際技能올림픽大會 開催

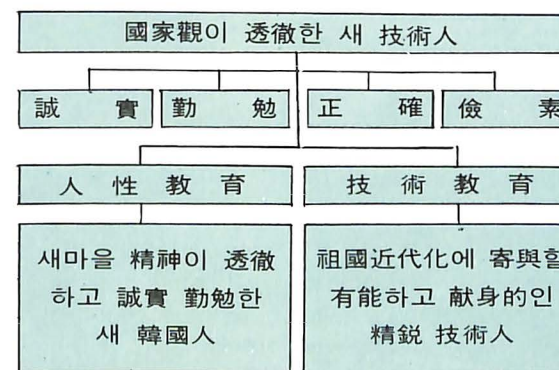
SCHOOL HISTORY

- * Jan. 1967 : Authorization given for establishment of Busan National Vocational School.
* Mar. 1967 : Opening ceremony at the temporary school-house in Busan Fisheries College.
* May. 1967 : Jun Chun-Soo, appointed as 1st principal.
* Feb. 1968 : Moved to Haeundae, the present site from the temporary one.
* Nov. 1971 : Visited by President Park Chung-Hee.
* Mar. 1973 : Appointed as a training school for precision technicians.
* Oct. 1973 : Visited by President Park Chung-Hee for the second time.
* Mar. 1974 : The school-name changed to Busan National Mechanical Technical School.
* June 1974 : Visited by the ex-prime minister, Kim Jong-Pil.
* Nov. 1975 : Visited by President Park Chung-Hee for the third time.
* Feb. 1976 : Lee Byeong Seon, appointed as 2nd principal.
* Apr. 1977 : Visited by prime minister, Choi Gyu-Ha.
* May. 1977 : Won the 1st May-16 Racial Prize in educational field.
* Sep. 1977 : The school-name changed to Busan National Mechanical Technical High School.
* Dec. 1977 : Set up sisterhood relationship with Sam-seong Heavy Industrial Company.
* Feb. 1978 : Visited by President Park Chung-Hee for the fourth time.
* Apr. 1978 : Set up sisterhood relationship with Dae-han Shipping Company.
* July 1978 : Visited by President Park Chung-Hee for the fifth .
* Sep. 1978 : Held the 24th International Youth Skill Olympics.



▲ 協同의塔 周圍 Around the Cooperation Tower

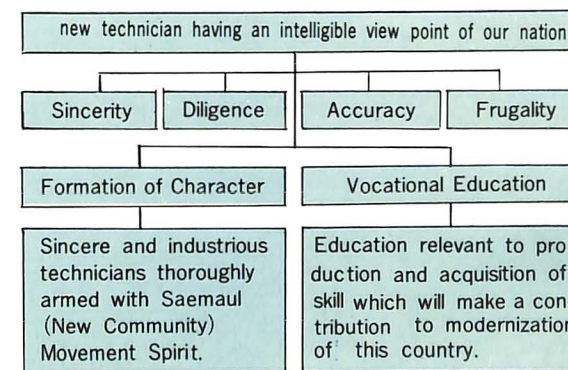
교육의 目標



本校의 特徵

- 가. 工業立國의 旗手가 될 精銳 技術人의 重點 養成.
나. 實習 重點 教育(精密加工士 및 造船鎔接工 養成)
다. 入學金 및 授業料 免除.
라. 文教部 直割學校.

SCHOOL MOTTO



CHARACTERISTICS

- A. Concentration on training of skilled technician as vanguards of industrialized nation.
B. Education concentrated on practice.
(Training of precision manufacturing technicians & shipbuilding welders.)
C. Free of entrance fee & tuition fee.
D. Directly controlled under the Ministry of Education.



▲ 全体朝禮 光景 Morning Meeting

編 制 TABLE OF ORGANIZATION

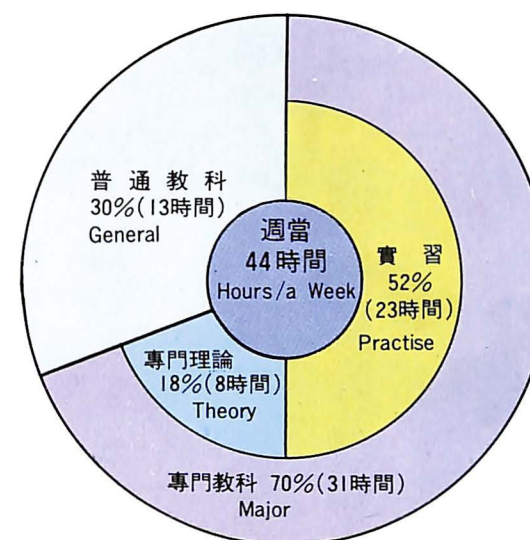
學生編制 STUDENTS

學年 Grade 學級 人員 Class & Student	1		2		3		計 Total	
	學 級 Class	人 員 Student	學 級 Class	人 員 Student	學 級 Class	人 員 Student	學 級 Class	人 員 Student
機 械 科 Mechanical Course	10	600	10	600	10	600	30	1,800
配 管 科 Plumbing Course	4	240	4	240	4	240	12	720
電 氣 科 Electrical Course	1	60	1	60	1	60	3	180
計 Total	15	900	15	900	15	900	45	2,700

職員編制 FACULTY & CLERICAL STAFF

區 分 Items	校 長 Principal	校 監 Vice-prin	實科教師 Vocational teacher				教養科教師 General Sub. teacher	計 Total	庶務職員 General affairs	雇傭員 Miscellaneous employees	合 計 G-Total
			機 械 Mechanics	實 技 Assistant	其 他 Others	小 計 Total					
定 員 Authorized	1	1	48		26	74	30	106	3	7	116
現 員 Present	1	1	26	32	16	74	30	106	3	7	116

教育課程 TABLE OF CURRICULUM

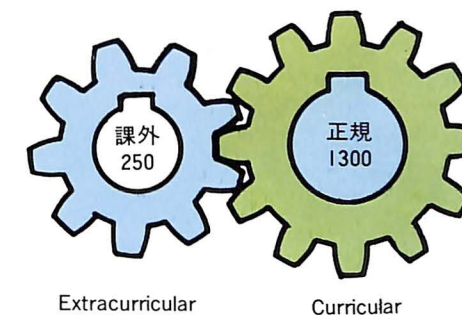


實習時間 最大確保

1人當 年間 1,550時間

Year-round hours of practical training

Each student's practical training hours in a year : 1,550

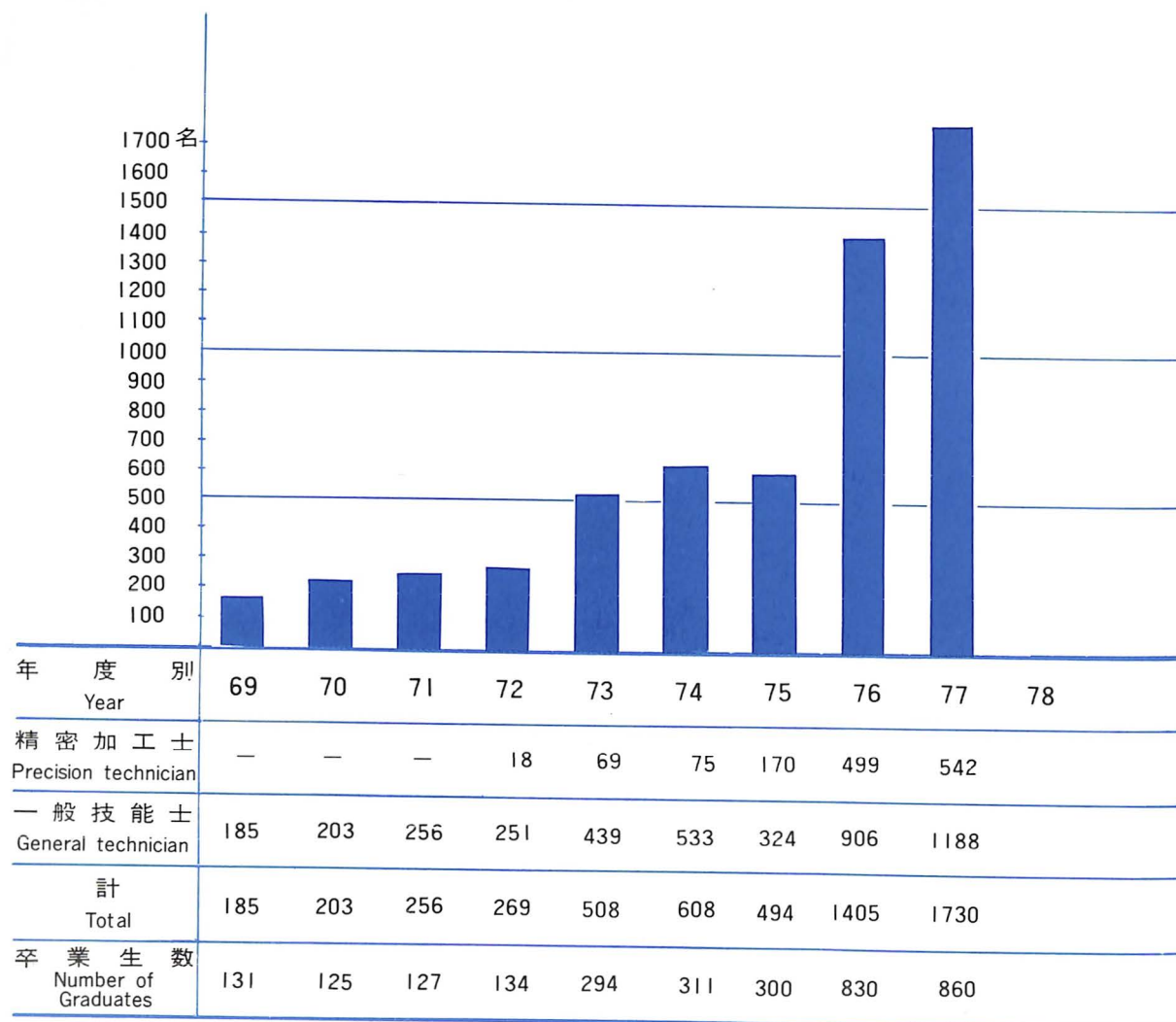


教科課程表 TABLE OF CURRICULUM

單位：1週當 實施時間 Unit: one hour a week

教 科 Subject		學 年 Grade		1	2	3	備 考 Remarks
普 通 教 科 General	必 須 Compulsory	國 語 Korean		2	2	3	
		國 民 倫 理 Ethics		1	1	1	
		國 史 Korean history		1			
		數 學 I Mathematics I		2			
		體 育 Gymnastics			1		
		教 鍊 Military drill		2	2	2	
	選 擇 Selective	政 治 經 濟 Civics				1	
		數 學 II Mathematics II			2	3	
		物 理 Physics		1	1	1	
		化 學 Chemistry		1	1	1	
		音 樂 Music		1			
		英 語 English		2	2	3	
小 計 S-Total			13	12	15		
專 門 教 科 Major	實 習 Practice	專 門 實 習 Major		20	20	20	
		製 圖 實 習 Drafting		3	3	3	
	專 門	理 論 Major theory		8	9	6	
	小 計 S-Total			31	32	29	
總 計 G-Total			44	44	44		

資格證 取得 CERTIFICATES QUALIFIED



다듬질 실습 Hand finishing



教師 研修會 Teachers' workshop

技能競技大會 成果

MEDAL STATUS IN VARIOUS VOCATIONAL TRAINING COMPETITION

區 分 Competition	年度 Year	金메달 Gold	銀메달 Silver	銅메달 Bronze
釜 山 地 方 技 能 競 技 Busan Local Vocat- ional Training Competition	69 74	6	26	28
	75	4	2	3
	76	4	4	5
	77	9	7	5
	78			
全 國 技 能 競 技 National Vocational Training Competition	69 74	13	13	11
	75	4	1	3
	76	5	3	5
	77	3	3	3
	78			
釜 山 實 高 生 技 能 競 技 Busan Technical High Schools Contest	69 74	3	20	12
	75	4	3	3
	76	4	3	2
	77	4	1	1
	78			
全 國 實 高 生 技 能 競 技 National Technical High Schools Contest	69 74	5	8	5
	75	2		1
	76	2		
	77		1	1
	78			
國 際 技 能 競 技 International Youth Skill Olympics	69 74			
	75	1		
	76			
	77	2		
	78			
計 Total		75	95	88



技能競技大會 參加成果 Various medal



産業視察團 本校訪問 Measuring Room



24回 國際大會 準備
Preparation for International Youth Skill Olympics

入學考查 ENTRANCE EXAMINATION

- 가. 1次銓衡：出身學校 內申書에 依한 書類 銓衡.
推薦對象—3學年 席次 10% 以內인 者.
學區 制限없이 全國 中學校에서 推薦可能.
- 나. 2次銓衡：1次書類 銓衡 合格者만 2次考查에 應함.
實技와 体力檢査(体力章)…30：20(合計 50點)

○1st Exam：Select candidates by examining their middle school reports within the highest 10% of the graduation standing.

○2nd Exam：Skill test & physical strength test (30：20) for the candidates passed the 1st examination.

다. 出身中學 實態 Location of students' finished middle school.

學年 Grade	釜 山 Busan		慶 南 Gyeong-nam		慶 北 Gyeong-buk		其 他 Others		計 Total		入學學校數 The number of the graduated schools	備 考 Remarks
	數 Number	%	數 Number	%	數 Number	%	數 Number	%	數 Number	%		
1	107	11.9	196	21.8	124	13.8	473	52.5	900	100	774	
2	114	12.7	254	28.2	136	15.1	396	44.0	900	100	602	
3	83	9.2	312	34.7	131	14.6	374	41.5	900	100	492	
計 Total	304	11.3	762	28.2	391	14.5	1,243	46.0	2,700	100		



入學式 Entrance Ceremony

本校의 特典

- 가. 寄宿舍 入舍
寄宿舍 定員：1,850名.
1人當 月 10,000원 國家 融資.
卒業後 3年 分割 償還.
- 나. 獎學金 支給
5・16 獎 學 金 100名(年 1人當 80,000원)
精密工業獎學金 900名(" 100,000원)
本校自体 " 1,000名(1回 " 10,000원)
其 他 " 100名(年 " 50,000원)
- 다. 兵役關係
防衛 및 基幹産業체 就業時 補充役 編入
實技教師 補充役 編入.
- 라. 教職員 特典
職員用 舍宅(聯立 및 單獨)80世帶
機械科 教師 特別手當 支給.
- 마. 其他 便宜施設
샤워장, 풀장, 理髮館, 學生百貨店, 室內體育館.

PRIVILEGES

- A) Living in the dormitory
1. Capacity of 1850 students.
 2. 10,000 Won of government loan per month.
 3. Repaid by students within 3 years after their graduation.
- B) Scholarship
1. May 16 scholarship: 100 students.
(80,000 Won for each per year)
 2. Precision technicians scholarship: 900 students.
(100,000 Won for each per year)
 3. This-school scholarship: 1,000 students.
(10,000 Won for each for one time)
 4. Others
(50,000 Won for each per year)
- C) Exemption from military service (Reservist)
1. In case of being employed in the defense and the strategic industries.
 2. In case of being a technical assistant teacher.
- D) For faculty members.
1. Faculty members' residence built by the government for 80 families.
 2. Special allowance of 20,000 Won for the mechanical teachers per month.
- E) Others.
- Making use of shower room, swimming pool, barber's, students' department, and gymnasium.



休息과 讀書 Leisure

入學考查 ENTRANCE EXAMINATION

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學年 Grade	地域別 Region 人員數 Number	釜 山 Busan		慶 南 Gyeong-nam		慶 北 Gyeong-buk		其 他 Others		計 Total		入學學校數 The number of the graduated schools	備 考 Remarks
		數 Number	%	數 Number	%	數 Number	%	數 Number	%	數 Number	%		
1		107	11.9	196	21.8	124	13.8	473	52.5	900	100	774	
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本校自体 " 1,000名(1回 " 10,000원)
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PRIVILEGES

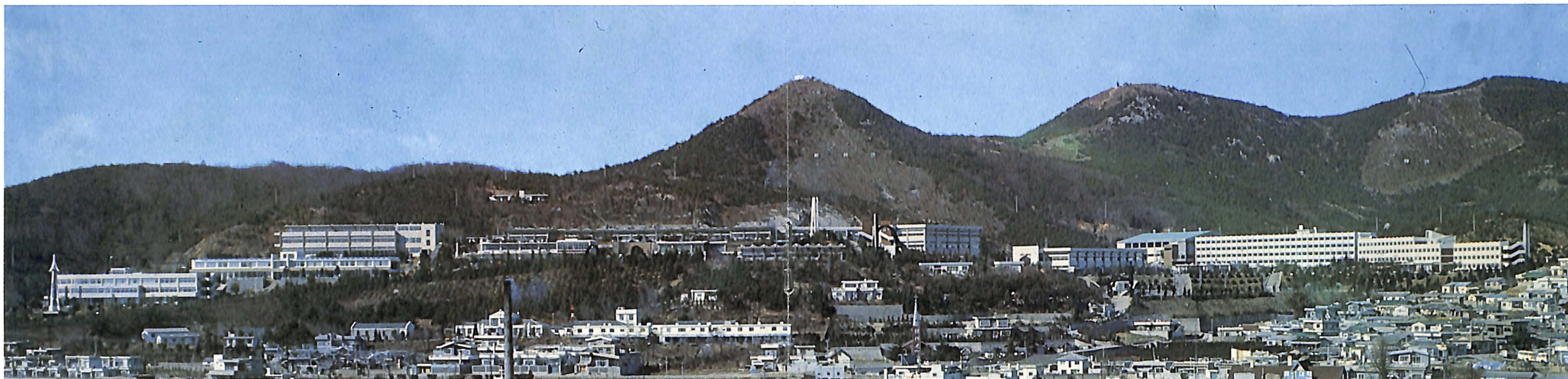
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入學式 Entrance Ceremony



休息과 讀書 Leisure



國際觀光地 海雲臺에 位置한 本校의 全景 Bird's-eye View

實習施設 現況 STATUS OF TRAINING FACILITIES

區分 Item 科別 Workshop	必 要 量 Required	保 有 量 Possessed	不 足 量 Shortage	'78 計 劃 '78 Plan	向 後 計 劃 In the future
旋 盤 Lathe	100종 6,502점	55종 1,412점	98종 5,090점	27종 476점	89종 4,614점
機 械 組 立 Hand finishing	71종 2,851점	32종 1,442점	68종 1,409점	16종 320점	64종 1,089점
밀 링 Milling	64종 861점	14종 60점	64종 801점	11종 41점	95종 760점
研 削 Grinding	40종 224점	3종 5점	40종 219점	8종 27점	44종 192점
配 管 Plumbing	46종 1,002점	6종 150점	46종 852점	5종 153점	45종 699점
鎔 接 Welding	31종 288점	17종 94점	31종 194점	4종 12점	34종 182점
板 金 Sheet metal	37종 417점	14종 146점	37종 271점	5종 47점	41종 224점
電 力 Electricity	74종 568점	32종 92점	74종 476점	22종 212점	67종 264점
電 子 Electronic equip	40종 143점	1종 27점	40종 116점	7종 14점	36종 102점
製 圖 Drawing	1종 180점	1종 60점	1종 120점	1종 60점	1종 60점
計 Total	504종 13,036점	191종 3,488점	499종 9,548점	106종 1,362점	516종 8,186점

投資計劃 INVESTMENT PLAN

單位：千圓. Unit : 1,000 Won

年 度 Year 區 分 Items		既 投 資 In the past	向 後 役 資 In the future		計 Total
		'67-'77	78 計 劃 '78 Plan	向 後 計 劃 In the future	
施 設 費 Investment in facilities	外 廓 施 設 Outer	1,284,002	186,000	78,745	1,548,747
	内 部 施 設 Internal	561,492	153,000	1,367,125	2,081,617
下 賜 金 Presidential grant	外 廓 施 設 Outer	336,500			336,500
	内 部 施 設 Internal	94,470			94,470
計 Total (\$)		2,276,464 (4,552,928)	339,000 (678,000)	1,445,870 (2,981,175)	4,061,334 (8,373,884)

重要施設

敷地.....46,102坪
實習工場 및 教室.....7,115坪
寄宿舎.....3,642坪
舎 宅.....1,250坪
体育館.....800坪
附屬施設.....733坪
建物計.....13,540坪

MAIN BUILDINGS

Site.....13,950 m²
Workshop & Classroom.....2,156 m²
Dormitory.....1,103 m²
Teachers' Quarters379 m²
Gymnasium.....242 m²
Subsidiary Buildings.....222 m²
Buildings Total.....4,102 m²

教育目標

機械工業에 關한 基礎的 知識과 技術을 習得시
켜 機械設計, 機械工作, 精密測定, 工場經營等
의 實務에 從事할 수 있는 技能 技術人을 기르
며 特히 精密加工士 養成에 注力한다.

資格取得

精密加工 技能士, 旋盤, 機械組立, 밀링, 研削,
製圖, 精密測定, 原動機 .

AIM:

Students learn the basic knowledge and skill of mechanical industry.
It's their object that they will be skillful technicians engaged in machine design, machine manufacturing, precision measuring, and factory operation, and especially to be precision manufacturing technicians.

THE KIND OF CERTIFICATES QUALIFIED:

Precision manufacturing technician, Lathe, Hand finishing, Milling, Grinding, Drafting, Precision measurement, Prime mover.

專門教科 單位 配當表 TABLE OF MAJOR CURRICULUM

教科 Subject	學年 Grade	1	2	3	計 Total
實 習 Training		20	20	20	60
製 圖 Drafting		3	3	3	9
金 屬 材 料 Metallic material		2			2
機 械 工 作 Machine tool			2	2	4
機 具 學 Mechanism			2	1	3
機 械 設 計 Machine design		2	2	2	6
精 密 測 定 Precision measuring		1	1		2
材 料 力 學 Strength of materials			2		2
原 動 機 Prime mover				1	1
機械工作一般 General machine tool		2			2
一 般 電 氣 Principle of electricity		1			1
計 Total		31	32	29	92

重要施設

實習場 10棟, 旋盤 307臺, 밀링 25臺, 研削機
11臺, 作業臺 및 바이스 810臺, 萬能 製圖機
135臺, 精密測定室 2個所 .

MAIN BUILDINGS AND FACILITIES

Training workshop: 10 Lathe: 307 Milling machine: 25
Grinding machine: 11 Working table and Vise: 810
Universal drafting machine: 135 Precision measuring
room: 2





▲ A.B.B. 基礎實習 Basic Training workshop



▲ N.C. 旋盤實習 N.C. Lathe



▲ 機械組立實習 Hand Finishing



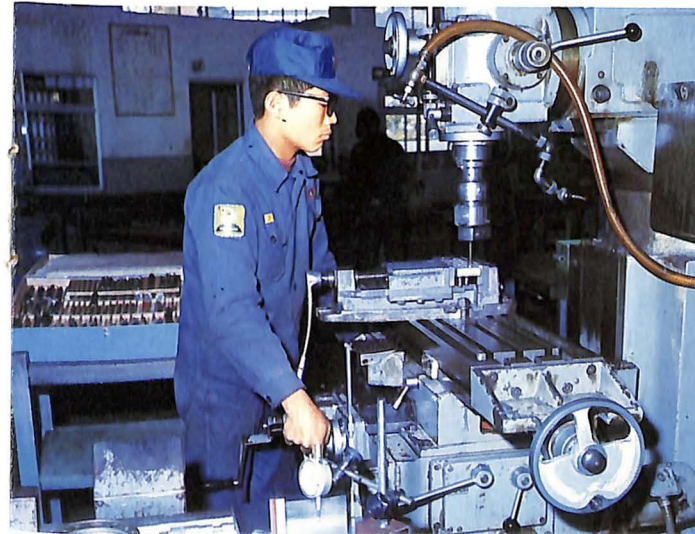
▲ 測定室 Measuring Room



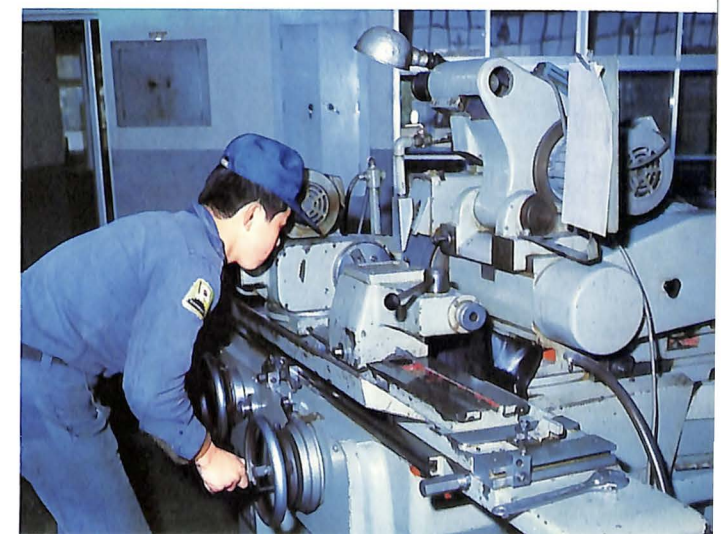
▲ 드릴實習 Drilling



▲ 製圖實習 Drafting



▲ 밀링實習 Milling



▲ 研削實習 Grinding

配管科 PLUMBING DEPARTMENT

教育目標

配管工業에 關한 基礎的 技術을 習得시켜 配管, 鎔接, 板金, 施工, 工場經營 等の 實務에 從事할 수 있는 技能 技術人을 기르며 特히 工場設備, 造船 鎔接工 養成에 注力한다.

資格取得

配管, 電氣鎔接, 가스鎔接, 板金, 原動機, 高壓 가스, 보일러, 熱管理 .

AIM:

Students learn the basic knowledge and skill of plumbing engineering.

It's their object that they will be skillful technicians engaged in plumbing, welding, sheet metal, construction, and factory operation, and especially to be welders for shipbuilding and factory installation.

THE KIND OF CERTIFICATES QUALIFIED:

Plumbing, Electric welding, Gas welding, Sheet metal, Prime mover, High-pressure gas, Boiler, Heat management.

專門教科 單位表 TABLE OF MAJOR CURRICULUM

教科 Subject	學年 Grade	1	2	3	計 Total
實 習 Training		20	20	20	60
製 圖 Drawing		3	3	3	9
金 屬 材 料 Metallic material		2			2
機 械 設 計 Machine design		1	2		3
原 動 機 Prime mover		1	2	1	4
配 管 工 作 Plumbing work		1	1	1	3
冷 煖 房 Air-conditioning		1	1	1	3
板 金 Sheet metal			1	1	2
機械工作一般 General machine tool		1			1
鎔 接 Welding			2	2	4
一 般 電 氣 Principle of electricity		1			1
計 Total		31	32	29	92

重要施設

實習工場 2 棟, 電氣鎔接器 100臺, T.I.G. 鎔接器 6 臺, 가스鎔接器 30臺, X레이촬영기, 作業臺및 바이스 120臺 外 板金, 配管, 鎔接用 各種 施設.

MAIN BUILDINGS AND FACILITIES

Training workshop: 2 Electric welding machine: 100
T.I.G. welding machine: 6 Gas welding machine: 30
X-ray room: 1 Working table and vise: 120
(for sheet metal, plumbing and welding.)



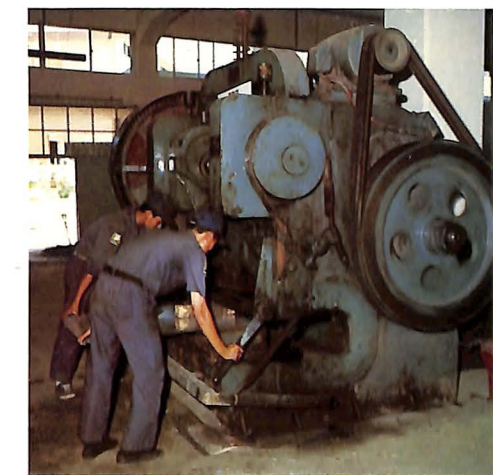
▼ 板金實習 Sheet metal



▼ 切斷實習 Gas Shearing



▲ 配管科 實習全景 Plumbing Workshop



▲ 샤링實習 Shearing

▼ 鎔接實習 Welding



教育目標

電氣에 關한 基礎的 知識과 技術을 習得시켜 發電, 電力受給, 電氣器機, 自動制御等의 實務에 從事할 수 있는 技能 技術人을 기르고 特히 強弱電을 고루 갖춘 技能人 養成에 注力한다.

資格取得

R/TV, 電工, 發電機, 電氣器機, 電子器機 .

AIM:

Students learn the basic knowledge and skill of electricity. It's their object that they will be skillful technicians engaged in power generation, power supply and demand, electric instruments and automatic control, and especially to be electrical technicians good at basic electronics.

THE KIND OF CERTIFICATES QUALIFIED:

R/TV, Electrical technician, Generator, Electric instruments. Electronic instruments.

專門教科 單位表 TABLE OF MAJOR CURRICULUM

教科 Subject	學年 Grade	1	2	3	計 Total
實習 Training		20	20	20	60
製圖 Drawing		3	3	3	9
電氣統論 Electric circuit		2	3		5
電氣測定 Electric measurement		2	1		3
電氣應用 Electric application			2	1	3
電力 Electric power		2	1	1	4
電氣器機 Electric machine		2	2	1	5
電氣法規 Electrical regulations				2	2
無線工學 Basic radio engineering				1	1
計 Total		31	32	29	92

重要施設

實習場 1棟, 弱電室, 強電室, 變電室, 屋內配線室, 動力配線室.

WORKSHOPS AND FACILITIES

Training workshop: 1, Electronic workshop, Electrical workshop, Substation, House wiring workshop. Industrial wiring workshop.



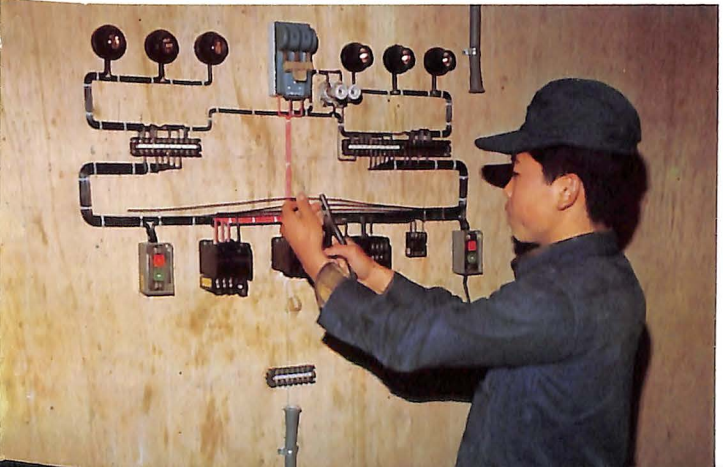
▼모다實習 Motor

▲電氣科實習 Electrical Workshop



▼動力 配線實習 Industrial Wiring

配電實習 Wiring

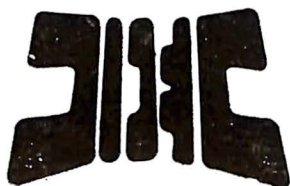




學生食堂 Restaurant ▼

▲ 맘모스 寄宿舍全景 Dormitory





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