The Naguib School of Sculpture
INTRODUCTION:

The Naguib School of Sculpture is located on the eastern edge of Indiana Dunes State Park, In Beverly Shores, Indiana. An in-residence school for 50 students, Mustafa Naguib, the school's founder and creative force teaches in the classical Master/Student tradition. "Teaching art must be apprenticed - the student learns by observing his master working."

Mustafa Naguib's personal background has suited him perfectly for fulfilling his dream, "I want a place in the middle of the woods where we can enjoy, really, nature." As an educator his credits include:

- Head of Sculpture Department - University of Cairo
- Created the Military Museum of Cairo. It contains over 400 sculptures and reliefs of famous Egyptian military heroes, all done by Naguib
- Dean of Art - Cairo University
- Superintendent of Art Education in the Middle East
- Founded the First Village of Art in Cairo - a school for orphaned boys and girls
- Formed the Museum of Leaders - in Egypt
- Advisor of Art - appointment of the Egyptian Ministry of Culture
- Formed the Society of Art in Kuwait
- Special guest lecturer in Russia for 6 months
- Special guest lecturer in China for 3 months

Professor Naguib left his native country in 1965, for the reasons of political oppression. He came the United States in 1971 by invitation of the State Department and for 3 months gave lectures and demonstrations across the country. After touring the nation, Naguib immigrated to America, and
married an American Citizen. He is presently working to become a U.S. citizen himself, and he has settled in Northwest Indiana because of the acute need for culture and art in this section of the country.

The curriculum for the school is based on a 3-year program. The classes taught are: drawing, anatomy, clay modeling, bronze casting, plaster casting and saving of molds, art appreciation, oven building, sculpture in stone, metal, wood, marble, crystal and clay and ceramic sculpture. The classes themselves are unstructured, with each student working at their own pace, in an apprenticeship type program.

In addition to the three year program a series of short workshops are also offered. In the past these have ranged from 30-days to 12 weeks in duration. Part-time student classes and childrens' classes are also available.
SPACE DESCRIPTIONS

MAIN FACILITIES

SCULPTING STUDIOS
DRAWING STUDIO
LIVING QUARTERS * STUDENTS
LIVING QUARTERS * HEAD MASTER

LIVING QUARTERS * FACULTY
ACADEMIC FACILITIES
BACK-UP STUDIOS

SCULPTING STUDIOS

The major space ot the area around which everything else revolves is the main studio. Just as it is important for this space to become a symbol of the master/student learning experience, so the availability of north light unchangelng light - is the chief design factor for the studio. On every occasion the design of the studio was discussed the first factor mentioned was the quality of light by which to work in the studio. Naguib wrote, "Don't permit the sun to enter the artists' studio. The sun changes the light (quality and direction) in the studio by changing her position all the day. The studio needs a fixed light - that is why we use north light always."

The main studio is to provide work space for 40 beginning students (full-time residents and part-time students and for faculty) and for prof. Naguib himself. Looking on the main studio and also provided with north light are 20 private studios for advanced students. All studios should have easy access to the casting areas and the ovens.

DRAWING STUDIO

The drawing studio will be used for practice in figure drawing and still-life studies. The studio should be close to an outdoor area suitable for exercises in drawing from nature.
LIVING QUARTERS - STUDENTS

The 20 advanced students furnished with private studios are to have private living arrangements adjoining (and preferably above) their studio. Some vantage point should be provided for observing activities in the main studio. Bath and kitchen can be shared. Living quarters for the remaining 30 live-in beginning students are to provide the same facilities but can be located away from the main studio. These 30 units can be grouped together as a whole or sub-divided into smaller groups.

LIVING QUARTERS - HEADMASTER, ARTIST IN RESIDENCE

An apartment space which could be used by Naguib when working, in addition to his lodge residence, or which could be used by a visiting lecturer or artist is also required. It should include the same facilities found in the student rooms as well as more entertaining/conversation area.

LIVING QUARTERS - FACULTY

An additional four apartments like those for the Head master should be included. These would be used to house faculty not living in the area and when not in use by faculty members they can serve as additional student housing.
ACADEMIC FACILITIES

In addition to the main studio, lecture spaces for art history classes and anatomy classes are needed. A growing library and audio/visual equipment must be provided for. Classroom and lecture and library should be separate areas with provisions for these spaces to be broken up or opened out into lecture or seminar spaces capable of holding anywhere from 5 to 100 people (max).

BACK-UP STUDIOS

In addition to the main studio used for clay modeling, 5 back-up or auxiliary studios are also needed. They are the studios for plaster casting, bronze casting, ceramic sculpture, stone carving and crystal pouring.

The plaster casting studio is one of the largest studios since more work produced in clay is eventually cast in plaster than any other material. This studio will provide for the casting of the molds as well as the casting of the finished work.

As large as the plaster casting studio but quite different in use is the stone carving studio. With provisions for some wood carving as well the main purpose of this studio is to teach the mechanics of stone carving with the point system.

An intermediate size studio for bronze will be used for firing investments, melting the bronze and casting the bronze. Students will also be taught to construct the brick ovens.

The two smallest studios are for ceramic sculpture and crystal pouring. Both techniques require brick ovens to be built by the students.
AM | PM | AZIMUTH ALITUDE
---|---|----------------
NOON | 180° | 0° 24° - 30°
10:00 | 2:00 | 151° - 0° 19° - 0°
9:00 | 4:00 | 127° - 0° 9° - 0°
7:30 | 4:30 | 120° - 0° 0° - 0°

AM | PM | AZIMUTH ALITUDE
---|---|----------------
NOON | 180° | 0° 18° - 0°
10:00 | 2:00 | 139° - 0° 40° - 0°
8:00 | 4:00 | 111° - 0° 12° - 0°
6:00 | 6:00 | 90° - 0° 0° - 0°

AM | PM | AZIMUTH ALITUDE
---|---|----------------
NOON | 180° | 0° 75° - 30°
11:00 | 1:00 | 141° - 0° 67° - 30°
10:00 | 2:00 | 117° - 0° 59° - 0°
8:00 | 4:00 | 67° - 30° 57° - 30°
4:30 | 7:30 | 57° - 30° 0° - 0°

WINTER • DEC. 22  
41° 37' NORTH LATITUDE  
SEPT. 23 • FALL • SPRING • MARCH 21  
SUMMER • JUNE 22
MISCELLANEOUS SUPPORT FACILITIES

LOUNGE               MECHANICAL
OFFICE               CIRCULATION
LAUNDRY              EXHIBITION
PUBLIC RESTROOMS     PARKING
STORAGE

A **LOUNGE** area for students, faculty, staff and visitors is required. A small kitchen facility should be included to provided for coffee-breaks during the day as well as light refreshments for receptions or visiting groups.

**ADMINISTRATIVE OFFICE** space for an anticipated max. staff of five will be supplemented with records storage space. This administrative space should be divided into two or three separate offices for general office use. Information and reception facilities should also be provided in this area.

**LAUNDRY FACILITIES** must be available for the block of advanced student rooms and for the 30 beginning students rooms. Two separate facilities would be best unless the 2 housing groups are close enough to be serviced by one central laundry area.

**PUBLIC RESTROOMS** should be provided. They would best serve the lecture, library and lounge areas.

Three **STORAGE AREAS** are needed in addition to the storage area allotted the administrative offices. 1. storage room for supplies used in studios 2. space for finished artwork not being displayed and 3. general storage for chairs, tables, cleaning supplies....
There are three main natural environmental systems to be employed. A general or approximate amount of square footage has been set aside to be used for **MECHANICAL SYSTEMS**.

An approximate square footage has been set aside for **CIRCULATION** within the main structures. In addition paved and semi-enclosed walk-ways must be provided between the main studio and dormitory structures and the casting and oven areas.

No one separate area is to be set aside for **EXHIBITION** purposes. Naguib believes that art should surround the school’s residents at all times. Therefore provisions for displaying art work should be available in all major spaces, including lecture, library, office, classroom, lounge and circulation areas.

**PARKING** spaces will be provided for an approximate total of 50 cars. These parking spaces should be distributed where they are needed and not be grouped into one single lot.
<table>
<thead>
<tr>
<th>SPACE DESCRIPTION</th>
<th>FUNCTION</th>
<th>NUMBER OF PEOPLE</th>
<th>SQUARE FOOTAGE</th>
<th>CEILING HEIGHT</th>
<th>TOTAL SQ. FOOTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Studio</td>
<td>clay modeling</td>
<td>40</td>
<td>15,000</td>
<td>18'-24'</td>
<td>15,000</td>
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<tr>
<td>Private studios</td>
<td>clay modeling</td>
<td>1/studio</td>
<td>500 ea.</td>
<td>18'min.</td>
<td>10,000</td>
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<tr>
<td>Private rooms</td>
<td>sleeping</td>
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<td>90</td>
<td>8'-9'6&quot;</td>
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<td></td>
<td>study</td>
<td>1</td>
<td>60</td>
<td>&quot;</td>
<td>3,000</td>
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<tr>
<td></td>
<td>kitchen</td>
<td>2</td>
<td>65</td>
<td>&quot;</td>
<td>3,250</td>
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<tr>
<td></td>
<td>bath</td>
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<tr>
<td></td>
<td>stairway</td>
<td>1-2</td>
<td>25</td>
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<td>1,250</td>
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<tr>
<td></td>
<td>balcony</td>
<td>1-2</td>
<td>20</td>
<td>&quot;</td>
<td>1,000</td>
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<td></td>
<td>fireplace</td>
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<td>10</td>
<td>&quot;</td>
<td>500</td>
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<tr>
<td>Lecture space</td>
<td>classes and</td>
<td>50-100</td>
<td>750</td>
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<td>750</td>
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<td></td>
<td>guest speakers</td>
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<td></td>
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<tr>
<td>Library</td>
<td>volumes, slides</td>
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<td>600</td>
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<td>audio/visual</td>
<td></td>
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<tr>
<td>Anatomy classroom</td>
<td>w/kitchenette</td>
<td>20</td>
<td>400</td>
<td>&quot;</td>
<td>400</td>
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<tr>
<td></td>
<td>for student, staff</td>
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<td></td>
<td></td>
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<tr>
<td>Teaching studio</td>
<td>still-life studies</td>
<td>20</td>
<td>400</td>
<td>9'6&quot;-12'</td>
<td>400</td>
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<tr>
<td>Office space</td>
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<td>7'6&quot;-8'6&quot;</td>
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<td>records storage</td>
<td></td>
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<td>Public restrooms</td>
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<td>4</td>
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<td>Laundry</td>
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<td>150</td>
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<td>3 types</td>
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<td>Main apt.</td>
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<tr>
<td>Circulation</td>
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<td></td>
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<td>18'min.</td>
<td>4,500</td>
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<tr>
<td>Plaster casting</td>
<td>work/storage space</td>
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<td>2,000</td>
<td>18'min.</td>
<td>2,000</td>
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<tr>
<td>SPACE DESCRIPTION</td>
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<td>------------------</td>
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<td>Bronze casting</td>
<td>work/storage space</td>
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<td>1,250</td>
<td>18' min.</td>
<td>1,250</td>
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<tr>
<td>Ceramic sculpture</td>
<td>&quot;</td>
<td>10</td>
<td>1,000</td>
<td>&quot;</td>
<td>1,000</td>
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<tr>
<td>Stone carving</td>
<td>&quot;</td>
<td>10</td>
<td>2,000</td>
<td>&quot;</td>
<td>2,000</td>
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<tr>
<td>Crystal pouring</td>
<td>&quot;</td>
<td>10</td>
<td>1,000</td>
<td>&quot;</td>
<td>1,000</td>
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<td>Faculty housing (4)</td>
<td></td>
<td>2-3</td>
<td>400 ea. 78-8'6&quot;</td>
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<td>1,600</td>
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<tr>
<td>Parking</td>
<td></td>
<td>50 cars</td>
<td>17,500</td>
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<td>17,500</td>
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**TOTAL 66,265**

**TOTAL 84,765**
conceptuals — schematics
1) Relationship of Academic Facilities to Main Studio

2) Schematic Relationships of Academic Facilities.
6th Week: Redesign Criteria
1) Admit as much north light as possible
2) Good view from private to main studio
3) Work w/ slope of site
4) Compact plan; not linear
studio: main level
student housing

level 1

level 2

parking level

apartment

Typical