

2011-13 CLASSROOM / INSTRUCTIONAL TECHNOLOGY PROPOSAL

Institution UW - Milwaukee

Project Title: First Year Learning Center

Project Priority: #4

Funding:

Classroom/IT Program Funds (Capital Budget):	\$ 348,700
Classroom Modernization Funds (Operating Budget):	17,000
Institutional Funds:	30,000
Gifts	0
Grants	0
Total Project Cost:	\$ 395,700

Project Location:

Building Name: Northwest Quadrant
Facility Number: 1932B
Room Number(s): Part of 1405 to 1497

of Hours Scheduled/Week: No Current Comparable Space
(highest use--Spring 2010 or Fall 2011)

Project Goals/Justification:

The Campus Master Plan projected a classroom shortage of 31,000 asf by 2017. Classroom utilization continues to show constant demand averaging between 40 and 41 hours per week of scheduled use for the current 158 general assignment classrooms during the last six years. The Space Planning Committee identified a teaching/learning theme for the development of the Northwest Quadrant to help address the classroom shortage and instructional technology gap. A pre-design planning group listed the development of a First Year Learning Center as the fourth priority. This would be the first phase for targeted emphasis on freshman learning initiatives, composition and math courses, learning resources such as a writing center and a learning commons that could expand as participation and collaboration grows. The integration of technology and academic resources will promote positive conditions for student learning inside and outside of the classroom.

If prior Classroom/IT Program funding was received for a classroom now being requested, include a brief description of what was done, when, and why funding is being sought a second time. N/A

Project Scope: Assignable Square Feet (ASF): Current : 0 Proposed: 2000

Creation of the First Year Center will require a complete reconfiguring and finishes of existing spaces designated in the proposed teaching and learning spaces in the NWQ. The classrooms will be designed in a pod style to foster an interactive, student centered learning experience. Group size fixed tables for groups of four students will provide for interaction between students and instructor. Undergraduate breakout areas will be separated by portable white boards and smart board to allow for flexible space use. A resource area with on-line access and supervised instruction will be available along with support space for more one on one analysis and testing. Room sizes and capacities include:

- 1 Small Group Classroom for 24 (750 asf each)
- 4 Breakout Areas for 8each (200 asf each)
- 1 Resource Area (200 asf each)

2 Support Spaces (125 asf each)

Floor Plan: See attached plan of Northwest Quadrant Building B. Alternate site Building C.

Data Connection: The pending NWQ Fire Alarm, Telecom, and Security Upgrades project will establish the data backbone that this project will connect to.

Technology Level: Current: N/A Proposed 3

Technology Level Definitions:

- **Level 1:** Basic classroom containing chalkboard or marker board; projection screen; overhead projector; lighting fixtures switched in groups; darkening shades; voice and data connections; podium, cart or lectern. These rooms are “portable ready” implying that any combination of portable equipment could be brought into the room.
- **Level 2:** Classroom with all the features of Level 1 plus traditional instructional technology, such as VCR, TV, sound system, DVD player, CD player, etc. Room lighting shall be appropriate for note-taking during video presentations.
- **Level 3:** Classrooms with all the features of Level 2 plus video/data projector and a teaching station with nearby access to controls for all A/V equipment, room lighting and room sound system. Wired network connectivity at each fixed seat or fixed table student station may be included in this category.
- **Level 3+:** Classrooms with all the features of Level 3 plus a teaching station with an electronic touch screen for control of all A/V and room functions. Can also include digital recording capabilities to record lectures for selective viewing at a later time.
- **Distance Learning Level:** Classrooms equipped with a two-way video system to support distance education.
- **Active Learning Classroom:** Classrooms furnished and equipped with multiple computerized learning pods and a portable computerized teaching station that enables the instructor to electronically connect to any/all of the connected learning pods.

Room Type:

Current: Vacant Proposed: A

Classrooms are categorized as Type A (functional) or Type B (substandard) instructional spaces. Reasoning for identifying an instructional space as a Type B may be based on a single issue or any combination of issues as identified below. Check the first column of all appropriate codes that apply to current conditions; check the second column if the proposal will correct the issue.

Room Type B Codes:

- | | | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Using the 25 SF/student standard, classroom capacity is reduced to an unusable size |
| <input type="checkbox"/> | <input type="checkbox"/> | Poor aspect ratio |
| <input type="checkbox"/> | <input type="checkbox"/> | Insufficient ceiling height |
| <input type="checkbox"/> | <input type="checkbox"/> | Irregular classroom shape or poor configuration |
| <input type="checkbox"/> | <input type="checkbox"/> | Column or other sight-line interference |
| <input type="checkbox"/> | <input type="checkbox"/> | Inadequate exiting for existing room capacity |
| <input type="checkbox"/> | <input type="checkbox"/> | Inadequate access for those with disabilities |
| <input type="checkbox"/> | <input type="checkbox"/> | HVAC system deficiencies |
| <input type="checkbox"/> | <input type="checkbox"/> | Below-grade moisture or dampness problems |
| <input type="checkbox"/> | <input type="checkbox"/> | Noise or vibration from adjacent spaces |
| <input type="checkbox"/> | <input type="checkbox"/> | Inadequate space available for instructor console |
| <input type="checkbox"/> | <input type="checkbox"/> | Other (please define) |

Seating Capacity:

Current : N/A

Proposed: See Project Scope

Existing Seating Arrangement

Fixed?	Yes _____	No <u>NA</u>
Tablet Arms?	Yes _____	No <u>NA</u>
Fixed Tables?	Yes _____	No <u>NA</u>
Non-Fixed Tables?	Yes _____	No <u>NA</u>

Reuse Existing?Yes _____ No X**Proposed Seating Arrangement (if not reusing existing)**

Fixed?	Yes _____	No <u>X</u>
Tablet Arms?	Yes _____	No <u>X</u>
Fixed Tables?	Yes _____	No <u>X</u>
Non-Fixed Tables?	Yes <u>X</u>	No _____

Existing FloorTiered? Yes _____ No X**Proposed Floor**Tiered? Yes _____ No X**AV Consultant:**Yes _____ No X

(If "Yes" is checked, indicate why an AV consultant is needed.)

Link to Classroom Demand Analysis:

Form (to be provided separately)

Project Budget: Use project budget worksheet provided separately.

Project Schedule:

Space is currently off line

	(Month/Year)
Bid Date:	1/1/2013
Construction Start	3/1/2013
Completion Date:	1/1/2014

Please complete the following:

- | | YES | NO | N/A |
|---|-------------------------------------|--------------------------|--------------------------|
| 1. Are hazardous materials involved (i.e., asbestos, lead paint, PCB ballasts, etc.)? If yes, identify the materials and indicate how they will be handled. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

WALMS Report indicates ACM in flooring/mastic.

- | | YES | NO | N/A |
|---|-------------------------------------|--------------------------|--------------------------|
| 2. Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Project will require redistribution of mechanical and electrical systems.

- | | YES | NO | N/A |
|--|--------------------------|-------------------------------------|--------------------------|
| 3. Will the construction work be limited to a particular season or window of opportunity? If yes, explain the limitations and provide proposed resolution. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Required Attachments being submitted with this proposal (check appropriate boxes):

- | | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | Supporting Budget Information (DSF Budget Worksheet, consultant's estimate, etc.) |
| <input checked="" type="checkbox"/> | Itemized Movable Equipment List |
| <input checked="" type="checkbox"/> | Itemized Fixed Equipment List |
| <input checked="" type="checkbox"/> | Floor Plan (PDF format) |

Prepared by: Kurt Young Binter

Phone: (414) 229-2361

E-Mail Address: youngbin@uwm.edu

Date: 15 February 2012

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Current : N/A Proposed: See Project Scope

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Date: 15 February 2012

**NORTHWEST QUADRANT
BUILDING - B
FLOOR 1**

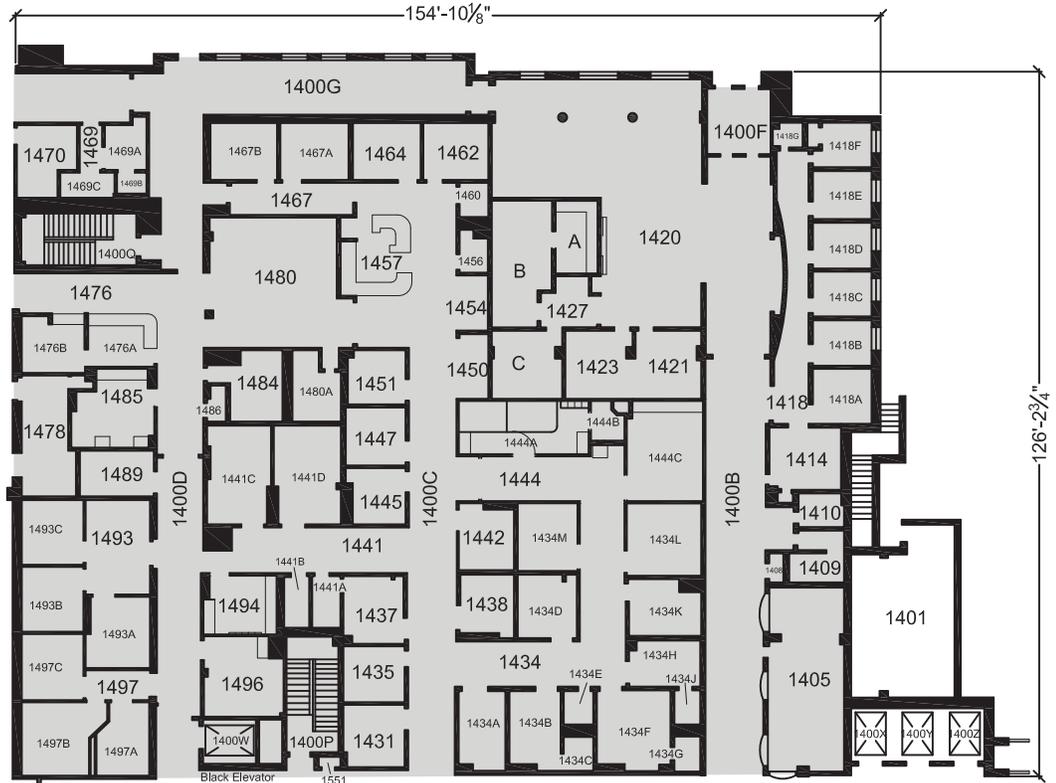
Revised: 11/29/2011



Room No.	Area
1400A	1213
1400B	1281
1400C	1069
1400D	526
1400E	323
1400F	137
1400G	849
1400W	47
1400X	41
1400Y	41
1400Z	41
1400P	204
1400Q	192
1401	518
1405	441
1408	15
1409	82
1410	49
1414	149
1418	253
1418A	106
1418B	87
1418C	86
1418D	87
1418E	92
1418F	87
1418G	22
1420	1259
1421	142
1423	149
1427	79
1427A	99
1427B	229
1427C	151
1431	123
1434	448
1434A	119
1434B	129
1434C	32
1434D	122
1434E	33
1434F	186
1434G	29
1434H	104
1434J	30
1434K	124
1434L	174
1434M	131
1435	111
1437	134
1438	105
1441	285
1441A	46
1441B	41
1441C	193
1441D	204
1442	113
1444	221
1444A	221
1444B	38
1444C	242
1445	100
1447	113
1450	66
1451	101
1454	55
1456	36
1457	179
1460	33
1462	120
1464	125
1467	133
1467A	124
1467B	121
1469	36
1469A	65
1469B	21
1469C	44

Room No.	Area
1470	124
1476	338
1476A	117
1476B	104
1478	210
xxx	xxx
1480A	96
1484	129
1485	129
1488	183
1489	21
1489	110
1493	201
1493A	140
1493B	127
1493C	127
1493C	127
1493C	133
1496	195
1497	66
1497A	114
1497B	173
1497C	130
1498	48
1500A	910
1500B	884
1500C	148
1500D	133
1500E	213
1500F	172
1500G	107
1500H	309
1500J	275
1500P	192
1500Q	178
1500U	55
1500V	55
1500W	55
1500X	44
1500Y	44
1500Z	44
1503	16
1505	26
1506	17
1508	58
1511	7
1515	296
1521	477
1521A	24
1522	152
1525	281
1525A	21
1525B	9
1526	259
1529	26
1531	213
1532	115
1534	144
1535	28
1537	214
1537A	11
1540	170
1541	283
1541A	7
1544	101
xxx	xxx
1545	64
1548	87
1548A	42
1549	237
1550	46
1551	8
1554	68
1561	69
1561A	27
1565	71

Room No.	Area
1565A	26
1569	369
1569A	135
1572	91
1575	159
1575A	108
1575B	109
1575C	19
1576	88
1578	252
1579	279
1584	61
1584A	75
1584B	129
1584C	234
1585	100
1586	45
1588	203
1589	196
1589A	88
1589B	86
1589C	70
1593	274
1593A	105
1594	139
1594A	49
1597	12
1598	120
1500G	107
1596	324
1596A	48
1596B	60

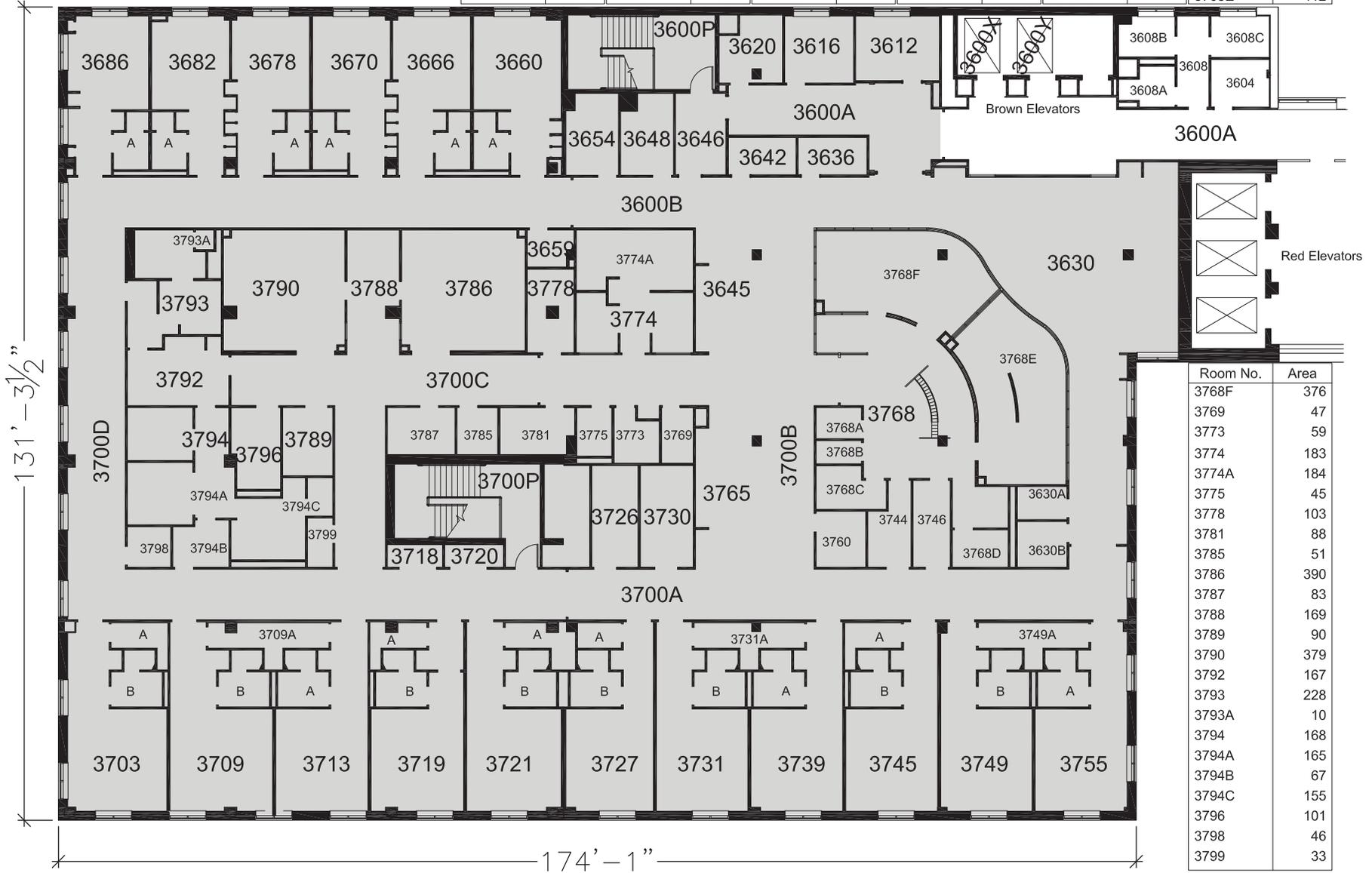


NORTHWEST QUADRANT
BUILDING - C
FLOOR 3

Revised: 03/11/2011



Room No.	Area										
3600A	889	3630A	43	3670A	47	3703B	64	3726	124	3746	86
3600B	1140	3630B	59	3678	256	3709	377	3727	307	3749	329
3600P	287	3636	68	3678A	47	3709A	88	3727A	30	3749A	85
3600X	50	3642	67	3682	254	3709B	64	3727B	64	3749B	64
3600Y	50	3645	118	3682A	47	3713	338	3730	142	3755	333
3604	73	3646	108	3686	266	3713A	64	3731	332	3755A	64
3608	80	3648	106	3686A	47	3718	34	3731A	83	3760	73
3608A	49	3654	109	3700A	1432	3719	331	3731B	64	3765	159
3608B	57	3659	44	3700B	569	3719A	42	3739	333	3768	553
3608C	62	3660	292	3700C	853	3719B	64	3739A	64	3768A	37
3612	141	3660A	47	3700D	507	3720	36	3744	83	3768B	28
3616	121	3666	256	3700P	309	3721	341	3745	329	3768C	71
3620	102	3666A	47	3703	362	3721A	56	3745A	44	3768D	55
3630	1192	3670	256	3703A	44	3721B	64	3745B	64	3768E	412



Room No.	Area
3768F	376
3769	47
3773	59
3774	183
3774A	184
3775	45
3778	103
3781	88
3785	51
3786	390
3787	83
3788	169
3789	90
3790	379
3792	167
3793	228
3793A	10
3794	168
3794A	165
3794B	67
3794C	155
3796	101
3798	46
3799	33

UW-MILWAUKEE COST BREAKDOWN

First Year Learning Center Small Group Classroom

1 of 1, total

Estimated Costs Include Installation

4. Movable Equipment

	Unit \$	QTY	Total
Instructor Tables [24x60, castors]	\$ 500	1	\$ 500
Instructor Chair [armless, castors]	\$ 275	1	\$ 275
Classroom Table [24x72, castors]	\$ 450	12	\$ 5,400
Classroom Chair [armless, castors]	\$ 225	24	\$ 5,400
Total		1 Classrm	\$ 11,575

5. Fixed Equipment - Audio Visual

	Unit \$	QTY	Total
Video Projector Classroom	\$ 4,000	1	\$ 4,000
Video Projector Lifts	\$ 5,000	1	\$ 5,000
Audio System Classroom	\$ 3,000	1	\$ 3,000
DVD & Document Camera	\$ 3,000	1	\$ 3,000
Classroom Projection Screen	\$ 2,500	1	\$ 2,500
Computer and Monitor	\$ 1,500	1	\$ 1,500
Total		1 Classrm	\$ 19,000

5. Fixed Equipment - Furnishings

	Unit \$	QTY	Total
Teaching Consoles	\$ 2,000	1	\$ 2,000
Classroom White Boards	\$ 600	6	\$ 3,600
Total		1 Classrm	\$ 5,600

Room Total= \$ 36,175

UW-MILWAUKEE COST BREAKDOWN

First Year Learning Center Breakout Areas

1 of 1, total

Estimated Costs Include Installation

4. Movable Equipment	Unit \$	QTY	Total
Classroom Table [24x72, castors]	\$ 450	4	\$ 1,800
Classroom Chair [armless, castors]	\$ 225	8	\$ 1,800
Total		1 Classrm	\$ 3,600

5. Fixed Equipment - Audio Visual	Unit \$	QTY	Total
Total		1 Classrm	\$ -

5. Fixed Equipment - Furnishings	Unit \$	QTY	Total
Intellegent White Board [mobile]	\$ 6,000	1	\$ 6,000
Mobile White Boards	\$ 800	2	\$ 1,600
Classroom White Boards	\$ 600	6	\$ 3,600
Total		1 Classrm	\$ 11,200

Room Total= \$ 14,800

UW-MILWAUKEE COST BREAKDOWN

First Year Learning Center Resource Space

1 of 1, total

Estimated Costs Include Installation

4. Movable Equipment	Unit \$	QTY	Total
Classroom Table [24x72, castors]	\$ 450	4	\$ 1,800
Classroom Chair [armless, castors]	\$ 225	8	\$ 1,800
<u>Total</u>		1 Classrm	\$ 3,600

5. Fixed Equipment - Audio Visual	Unit \$	QTY	Total
<u>Total</u>		1 Classrm	\$ -

5. Fixed Equipment - Furnishings	Unit \$	QTY	Total
Classroom White Boards	\$ 600	6	\$ 3,600
<u>Total</u>		1 Classrm	\$ 3,600

Room Total= \$ 7,200

UW-MILWAUKEE COST BREAKDOWN
First Year Learning Center Support Space
 Estimated Costs Include Installation

1 of 1, total

4. Movable Equipment	Unit \$	QTY	Total
Total		1 Classrm	\$ -
5. Fixed Equipment - Audio Visual	Unit \$	QTY	Total
Total		1 Classrm	\$ -
5. Fixed Equipment - Furnishings	Unit \$	QTY	Total
Workstation	\$ 3,500	2	\$ 7,000
Total		1 Classrm	\$ 7,000
Room Total=			\$ 7,000