



JOHNSON COUNTY COMMUNITY COLLEGE

12345 College Blvd. Overland Park, Kansas 66210-1299

Anthony J. Perry, Director of Theatre Operations

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General Specifications Yardley Hall

TECHNICAL DIRECTOR
SEAN BERGMAN
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Yardley Hall is the largest of the three theatres in the Carlsen Center at Johnson County Community College. Its total seating capacity of 1341 is divided on four levels: Orchestra, Tier, Balconies, and Box. The farthest seat from the stage is approximately 130 feet, creating a unique feeling of intimacy for a house of this size. It is equipped with 41 linesets, 2 devoted electrics, capacity for more with the use of drop boxes. An acoustical shell is available for orchestral events. One half of the apron is a screw-jack lift that can be used to pit orchestras.

Yardley Hall is ideal for dance or music. The acoustics are excellent, and can be tuned for voice or music.

STAGE MEASUREMENTS

- Proscenium Width: 55'
- Proscenium Height: 32'
- Wall to wall: 133', 99' of stage floor
- Center stage to S.R. wall: 60', (49' 6" of stage floor)
- Center stage to S.L. wall: 73', (49' 6" of stage floor)
- Plaster line to upstage wall: 38' 4"
- Plaster line to edge of apron: 21' (with pit raised)
- Plaster line to edge of apron: 9' (with pit down)
- Grid height: 72'
- Fly rail is S.R.
- Loading rail: (2) 1 @ 66' ,1 @ 58'

LOADING DOCK

- 4' - 0" Height
- Door 11'-11" wide, 9'-3" high
- Dock plate available
- Dock size: 64' X11' 9"

STAGE SURFACE

SCREWING INTO THE STAGE SURFACE IS PROHIBITED

Stage floor is flat and even. Top surface is 3/4" oak hardwood. Supporting structure top to bottom:

- Oak hardwood
- 3/4" plywood
- 1 1/8" plywood
- 2x4 sleeper
- 14 gauge steel sheet

USE OF ROSIN IS PROHIBITED IN THE CC.

DANCE FLOOR

Yardley Hall has a Rosco dance floor for ballet, and modern dance. It is two-sided, black/gray. There are 6 sections, each are 6' 6" wide, 48' long.

RIGGING:

Counterweight system:
Single purchase lines, 41 linesets
(See lighting spec. sheet, page 2, for further detail)

Devoted linesets:

- 2 electrics
- 3 orchestra ceiling pieces
- 1 Grand Drape
- 1 Grand Teaser
- 1 Midstage Traveller

Length of battens: 77'

Capacity: 25 lb. per foot

- Average distance between linesets: 9"
- Plaster line to first lineset: 1' 5"
- Plaster line to last lineset: 37'

- Maximum high trim: 66'

SOFTGOODS

Type	Quantity	Color
Size WxH		
<i>Grand Drape</i>	one	
Burgundy	70'x32'	
<i>Grand Teaser</i>	one	
Burgundy	124'x12'	
<i>Midstage traveller</i>	one	
Black velour	70'x32'	
<i>Legs</i>	three	
Black velour	20'x32'	
<i>Borders</i>	four	
Black velour	124'x12'	
<i>Cyclorama</i>	one	
White	75'x45'	
<i>Scrim</i>	one	
Black	50'x25'	
<i>Full stage 4 panels</i>	20'x32' each	

All soft goods in excellent condition.

HEADSETS AND COMMUNICATIONS

Clearcom system:

- capacity to fully gear up to 25 crew at various locations
- One wireless unit

Paging system:

- access at S.R. Production Control Panel and in Control Booth. Can access dressing rooms, Green Room, all support areas.

Monitor System:

- All dressing rooms and Green Room and support areas are monitored to stage.

Cue light system:

- Control in booth or SR PCP. With cabling, cue lights can be placed anywhere needed.

ORCHESTRA SHELL

Yardley Hall has a removeable, wooden orchestra shell which is stored upstage left on the stage floor when not in use. The dimensions are:

- Downstage width: 55'
- Upstage width: 32'
- Downstage height: 32'
- Upstage height: 28.25'

The ceiling of the shell is equipped with 44 Cine Queens @ 1000w each. Use of the grand drape is not possible with the shell in place.

DRESSING ROOMS

Because the Center is a multi-venue facility, CC Operations determines dressing room assignments

Stage/ground level:

Room 192: services 3-4 people
Room 196: services 5-7 people
Room 198: services 10-15 people

Second floor:

Room 292: services 15-20 people
Room 294: services 3-4 people
Room 298: services 20-25 people

All dressing rooms are equipped with lighted, dimmable make-up mirrors, toilets, and showers.

MUSICAL EQUIPMENT

- Musician chairs
- Music stands
- Music stand lights
- Choral risers
- Band risers: 8 4'x8' Versalite platforms @ 8", 12, 16", 24", 32" or 40"
- Conductor's podiums

SPECIAL EFFECTS EQUIPMENT

- IMDG Atmosphere Hazer
- Mirror ball with rotator
- 2 Rosco 1500 fog machines
- 2 Dry Ice foggers (55 gal.)
- Rosco animation disk system
- Strobe - variable speed
- 2 Rotating beacons (red)
- 2 four channel chase controllers
- 12 High End Systems Trackspots with controller
- 2 High End Systems Technobeams
- 2 Rosco F - 100 Fog machines

CC Production Staff Numbers

Director of Operations (913) 469-2535
• **Anthony J. Perry** E-Mail aperry01@jccc.edu

Assistant Technical Director ext. 3768
• **Sean Bergman** E-Mail aperry01@jccc.edu

Master Electrician ext. 3995
• **Tripp McMillian** E-Mail sbergman@jccc.edu

Chief Audio Engineer ext. 3291
• **Scott Gregory** E-Mail sgregory01@jccc.edu

Main College Number (913) 469-8500

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MASTER ELECTRICIAN
TRIPP MCMILLAN
 (913) 469-8500 EXT. 3995
 E-Mail tmemilla@jccc.edu

Lighting Specifications Yardley Hall

CONTROL

- Lightboards:
ETC Eos or ETC Expression 3.
- 800 Channels (E3)
- 10x24 Submasters, soft patch (E3)

DIMMERS

- Manufacturer: ETC Sensor
Quantity: 429 - 2.4K
6 - 6K
(System is circuit per dimmer)

LIGHTING POSITIONS

ELECTRICS

- House First Electric-35 circuits
- House Second Electric-37 circuits
- Additional electrics can be made by using the battens and drop boxes
- All electrics are on manually operated flylines

FRONT OF HOUSE POSITIONS

	Distance	Angle	# Circ
A Catwalk	42'	90°	42
B Catwalk	51'	60°	30
C Catwalk	68'	45°	30
Balcony rail	80'	15°	8

BOX BOOMS

- 18' from PL, 0' from stage with lift up
- 2 box booms each side of stage; lower is 16' above, higher is 30' above each has 3 circuits, total of 6 circuits per side of stage

TORM POSITIONS

- 4' from PL, 0' from stage
- 3 positions each side of stage,heights: 0'-7', 13'-15', and 25'-27'
- each has 4 circuits, total of 12 circuits per side of stage

FLOOR POCKETS

- Total of 17: 4 Stage left, 4 Stage right, 9 Upstage, 3 circuits each
- Distance off center: Farthest is 39'

Houselights are on separate system, controlled from light booth or S.R. PCP.

A company switch or power disconnect is located upstage right on wall. It is a 600A, 3 phase single neutral direct wire. A JCCC Electrician is required to connect and disconnect any equipment from box.

LIGHTING INVENTORY

SOURCE 4 ELLIPSOIDALS

UNIT TYPE	QTY
05 degree	11
10 degree	17
19 degree	70
26 degree	201
36 degree	184
50 degree	15
Source 4 Iris Units	4

SOURCE 4 PARS

UNIT TYPE	QTY
Par EA w/VN,N,M,W flood lenses	33

SOURCE 4 MULTI PAR STRIPS

UNIT TYPE	QTY
12 Cell 3 or 4 Circuit	12

COLORTRAN PARS

UNIT TYPE	QTY
64's (MFL only)	34

FRESNELS

UNIT TYPE	QTY
6" fresnels 1000w	53
8" fresnels 2000w	14

PAR 56 STRIPLIGHTS

UNIT TYPE	QTY
12 cell, 3 circuit 500w per cell	12

CYC LIGHTS (1000W per cell)

UNIT TYPE	QTY
Ianero Single Cel	16
Ianero Three (3) Cell	7
Altman Econo Cyc (Ground Row)	26

Followspots

UNIT TYPE	QTY
Selecon Toro 1200 MRS	2
Super Troupers Xenon 2000w	2

Lineset Schedule

AUTOMATED LUMINAIRES

- 12 Highend Systems Trackspots
- 2 Highend Systems Technobeams
- Control: LSC DMX Operator Pro

The Trackspots support standard Intellabeam protocol and all Intellabeam control functions except iris. The Technobeams use DMX-512 control protocol (18 channels) supplied by the house lighting console.

ADDITIONAL LIGHTING SPECIFICATIONS

- House will supply Roscolux gel only.
- All fixtures, circuits, are 3 pin stage plugs.
- Barndoors are available for all fresnels
- House maintains an inventory of Great American and Rosco gobos
- Gobo holders support A size templates (75mm image area, outside diameter 100mm)

IRON

- Booms: total of 8: 6@ 21', 2@ 16'
- Baseplates: 8@ 50 lbs.
- Sidearms: 40 Safer side-arms

LIGHTING INVENTORY AVAILABILITY

The lighting inventory will be used as is. No relamping will be done unless necessary to replace an expired lamp, and no conversions will be made after plots are accepted.

Although the CC is a state -of-the-art facility and is extremely well-equipped, there is a finite number of each resource. Resources are booked on a first-come, first-serve basis. CC Operations will make every effort to have the equipment available and in good working order. However, if equipment is out of service for any reason, CC Operations will not be responsible for providing replacements.

Ground plan and centerline section scale drawings are available in Vector Works (vesion 11)

LINESET NUMBER		DEDICATED LINESETS
DISTANCE FROM PLASTER LINE		
1	1' - 9"	House Teaser
2	2' - 5 1/2"	Main Drape
3	3' - 1 1/2"	
4	3' - 9 1/2"	1st Elec.
5	5' - 1 1/2"	
6	6' - 5 1/2"	Orchestra Ceiling #1
7	7' - 1 1/2"	
8	7' - 9 1/2"	
9	9' - 9 1/2"	
10	10' - 5 1/2"	
11	11' - 1 1/2"	
12	11' - 9 1/2"	
13	12' - 5 1/2"	
14	13' - 1 1/2"	
15	13' - 9 1/2"	
16	14' - 5 1/2"	
17	17' - 1 1/2"	Orchestra Ceiling #2
18	18' - 3 1/2"	
19	19' - 7 1/2"	
20	20' - 3 1/2"	Midstage Traveller
21	20' - 11 1/2"	
22	21' - 11 1/2"	
23	22' - 3 1/2"	
24	22' - 7 1/2"	
25	23' - 3 1/2"	
26	24' - 3 1/2"	
27	24' - 11 1/2"	
28	26' - 9 1/2"	Flying encumbered
29	27' - 5 1/2"	Orchestra Ceiling #3
30	28' - 9 1/2"	
31	29' - 5 1/2"	
32	30' - 1 1/2"	
33	30' - 9 1/2"	2nd Elec.
34	31' - 5 1/2"	
35	32' - 1 1/2"	
36	33' - 5 1/2"	
37	34' - 1 1/2"	
38	35' - 5 1/2"	
39	36' - 1 1/2"	
40	36' - 9 1/2"	
41	37' - 5 1/2"	



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CHIEF SOUND ENGINEER

SCOTT GREGORY

(913) 469-8500 EXT. 3291

E-Mail SGregory01@jccc.edu

Sound Specifications Yardley Hall

HOUSE SOUND SYSTEM

- FOH Console: Digidesign Profile 48 x 16
- Location of house mixer: Center at house divide. Board position is open-air.
- Loudspeakers: 4 Meyer MSL4/ 2 CQ1/4 FBT MAXX 6A
2 Meyer 700HP Subs
Amplifiers: Crown

SPEAKER LOCATIONS:

- Proscenium Left and right
- Mid-House distributed delayed satellites clusters
- Balcony distributed delayed satellites cluster
- Under-balcony distributed delayed 4" loudspeakers

PROGRAM EQUIPMENT:

- 1 Tascam RA-1000 CDR
- 1 Denon DN 635: CD player
- 1 Denon DN-M1050R: MiniDisk Player w/HotStart Option

MICROPHONES

- 2 Shure SM98A mini condenser
- 2 Neumann U87 condenser
- 2 Shure KSM32 cardioid condenser
- 2 Neumann KM184 cardioid condenser
- 2 AKG C-414 multi-pattern condenser
- 2 Sennheiser 8000 omni condenser

MICROPHONE (Continued)

- 2 Sennheiser 8000 cardioid condenser
- 3 Crown PCC 160 uni-directional floor mics
- 2 Audio Technica AT4050
- 3 Sennheiser MD421 U cardioid dynamic mics
- 1 EV RE-20 cardioid dynamic
- 3 Shure SM-58 cardioid dynamic
- 1 Shure Beta 52 Kick drum mic
- 3 Shure SM-57 cardioid dynamic
- 4 Shure ULX wireless choice of Beta 58 handheld, DPA 4061
- 2 Sennheiser 3032 wireless w/DPA lavalier

STAGE MONITOR SYSTEM

- 1 Mixer: Midas Heritage 2000 48 x 12 x 3 /12 aux. busses 15 x 8 Matrix
- 2 Ashley Stereo 1/3 octave equalizer
- 6 EAW 200 2-way wedge monitor loudspeaker, passive crossover, 12" woofer, 1"H.F. horn
- 2 Crown XTI-2000 power amplifier
- 2 Crown CE-2000 power amplifier

FROT OF HOUSE SIGNAL PROCESSING

- 1 Lexicon PCM 91 multi-effects processor
- 1 Klark-Teknik DN360 Stereo 1/3 octave equalizer
- 2 Klark-Teknik DN405: 5 stage parametric equalizer

Recording Services Available

- CD production available
- Sound Ideas and BBC sound effects libraries

COMMUNICATIONS

Clearcom system:

- 12 Beltpacks and head sets
- 3 Wireless beltpacks

Johnson County Community College Carlsen Center Yardley Hall seating chart

