**Venue Information**

**Richard Wackar Stadium**
Wackar Stadium is a collegiate football field located on Rowan University’s campus. For the university ceremony, we host a maximum 13,500 graduates and guests, with single chairs across the field and home side bleachers. The previous platform/staging included a tractor trailer with partial coverage, with additional stage blocks to make it large enough for the entire 200 person party. Venue map follows or you may view the field on [google map here](https://www.youtube.com/watch?v=JD0lXgkc-R0).

**The University Green at Bunce Circle**
The University Green is an open space in front of the iconic Bunce Hall on Rowan University’s campus. Eight of the college ceremonies are hosted at this outdoor venue, with a capacity of 8,000 graduates and guests. We set up single chairs across the field with a long center aisle. Venue map follows or you may view the field on [google map here](https://www.youtube.com/watch?v=KJj8d7yLWOg). In the case an inclement weather ceremony is called, please see the Esbjornson Gym and REC Center venues below.

**Pfleeger Concert Hall at Wilson Hall**
Pfleeger Concert Hall is a theater venue offering its own audio and visual equipment on Rowan University’s campus. While they operate autonomously, we are seeking an AV partner to manage the simulcast of the ceremonies. Three college ceremonies are hosted at this indoor venue, with a capacity of 800 graduates and guests. To see the venue, please click for the [google map here](https://www.youtube.com/watch?v=fiuDb9MQSTk).

Rowan University’s plans for the “what- ifs” and we are looking for an AV partner who does the same. If inclement weather forces the college ceremonies from the University Green inside, the inclement weather venues are as follows:

**The Esbjornson “Esby” Gym**
The Esby Gym is the larger of the two inclement weather ceremony locations, hosting 2,200 graduates and guests.

[https://www.youtube.com/watch?v=QG3O169vpj8](https://www.youtube.com/watch?v=QG3O169vpj8)

**The Recreation “Rec” Center**
The Rec Center is the smaller venue, hosting 1,500 graduates and guests.

IMPORTANT TO NOTE: - Any ceremony held in the Rec Center for Commencement 2020 will be a full, stand-alone ceremony – as the ceremony in Esby Gym was in 2019 – and will require AV equipment as such.

[https://www.youtube.com/watch?v=c-o5-4iY8Cw](https://www.youtube.com/watch?v=c-o5-4iY8Cw) – The Rec Center portion of this ceremony starts at 48:50.
**2019 University Commencement Ceremony**

Graduate Seats: 2,688 White Chairs
General Guest Seats (black chairs on field): 6,396 Black Chairs
Presidential Seating: 126 Black Chairs
Special Guest Seating: 198 Black Chairs
Special Needs Seating Tent(40x40): 120 Black Chairs
Bleachers: 3,500 seats

Band—40 chairs (same color, your choice)

**NOTES:**
- Total Usage Width goal post to goal post w/isles = 116 yards
- Front of Stage to last seated row w/isles = 74 yards
- Measurement per row = 40”
- Measurement per chair = 20”
- Football Playing Field (includes end zones: 120 yd L x 53 yd W

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**CONFETTI CANNON: MUST BUFFER 7 YARDS FROM STAGES TO SEATING**

**Graduate Seats:**
- 2,688 White Chairs

**General Guest Seats (black chairs on field):**
- 6,396 Black Chairs

**Presidential Seating:**
- 126 Black Chairs

**Special Guest Seating:**
- 198 Black Chairs

**Special Needs Seating Tent(40x40):**
- 120 Black Chairs

**Bleachers:**
- 3,500 seats

**Band:**
- 40 chairs (same color, your choice)

---

**Student Seating:**
- 24 seats, 28 rows
- 2 sections with 2 yard isle
- 1,344 SEATS
- 30 yd width x 32 yd deep

**General Seating:**
- 18 seats, 28 rows
- 2 sections with 2 yard isle
- 1,008 SEATS
- 22 yd width x 32 yd deep

**General Seating:**
- 18 seats, 28 rows
- 2 sections with 2 yard isle
- 1,008 SEATS
- 22 yd width x 32 yd deep

**General Seating:**
- 18 seats, 28 rows
- 2 sections with 2 yard isle
- 1,008 SEATS
- 22 yd width x 32 yd deep

**General Seating:**
- 18 seats, 21 rows
- 2 sections with 2 yard isle
- 882 SEATS
- 22 yd width x 32 yd deep

**General Seating:**
- 18 seats, 28 rows
- 2 sections with 2 yard isle
- 1,008 SEATS
- 23 yd width x 32 yd deep

**Special Guest Seating:**
- 198 Black Chairs

**Presidential Seating:**
- 126 Black Chairs

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**Restrooms**

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**AV Tent**

---

**Band**

---

**Student Seating**

---

**General Seating**

---

**EMS**

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**4 yard isle**
## Equipment & Specifications Examples

### UNIVERSITY GREEN AUDIO

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Console</strong></td>
<td>Allen and Heath Ilive digital console. All stored processing and ipod playback incorporated into console.</td>
</tr>
<tr>
<td><strong>Control</strong></td>
<td>Dynacord DSP244 digital loud speaker processor. All processors set for maximum amplification, elimination of delay issues and feedback in audience location.</td>
</tr>
<tr>
<td><strong>Amplifiers</strong></td>
<td>Dynacord Power H5000</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>Motion labs AC distro and breakout rack panels</td>
</tr>
<tr>
<td><strong>Speakers</strong></td>
<td>(4) Dynacord Cobra 4 tops  &lt;br&gt; (4) Dynacord Cobra 4 Far Throw  &lt;br&gt; (4) Dynacord Cobra PWR Subs  &lt;br&gt; (4) Dynacord Madris 2x12 High output  &lt;br&gt; (2) Dynacord Madris 1x15 High output</td>
</tr>
<tr>
<td><strong>Rigging</strong></td>
<td>(2) Genie St-25 tower lifts  &lt;br&gt; (2) FG 600 Flying grid w/ stainless rigging straps  &lt;br&gt; (4) Ultimate teelock tripod stands</td>
</tr>
<tr>
<td><strong>Mics</strong></td>
<td>(8) Shure SM57 with wind screens  &lt;br&gt; (2) Shure ULD Digital wireless mic with scan and 12 hour rechargeable battery feature.  &lt;br&gt; (4) Shure ULD Digital wireless packs with countrymen earsets for choir  &lt;br&gt; (10) Shure SM57 and 58 mics for concert band.  &lt;br&gt; (10) MS20 heavy duty Atlas mic stands  &lt;br&gt; (2) Klark Teknik An 100 active direct box  &lt;br&gt; (1) Shure Presidential presentation set up with (2) Shure SM57 mics.</td>
</tr>
<tr>
<td><strong>Misc</strong></td>
<td>(1) Tascam CD player  &lt;br&gt; (20) Yellow jacket cable ramps  &lt;br&gt; (2) 25’ roll cable covers  &lt;br&gt; (1) Transportation golf cart to move personnel and equip. from venue sites.  &lt;br&gt; (10) Motorola CP200 pro 16 channel two way radios for university and A/V staff.</td>
</tr>
<tr>
<td><strong>Tech</strong></td>
<td>(2) Tech engineers.</td>
</tr>
<tr>
<td><strong>Generator</strong></td>
<td>(1) 25kw MMD Ultra Quiet 3 phase Tier 4 diesel powered generator with 200’ 2 ga. 100 amp 5 wire cam lock cables.</td>
</tr>
</tbody>
</table>

All ample speaker, signal, cat and power cable needed to run away from high traffic areas.

(1) 20x20 White Corporate High Peak Tent with 4 secure sides to house all audio and video equip. and personnel.
UNIVERSITY GREEN VIDEO

VIDEO WALL

(1) 9X16 HD OUTDOOR video wall

(2) HD video camera

Tech

(4) A tech. camera operators, directors, network tech to facilitate live streaming to Student Center Ballroom.

PFLEEGER CONCERT HALL AUDIO

Mics

(1) Shure Presidential presentation set up with (2) Shure SM 57 mics.

Tech

(1) Tech engineer to facilitate audio matrix routing, set gain structure and equalize.

ESBY GYM AUDIO

Console

Allen and Heath Ilive digital console. All stored processing and ipod playback incorporated into console.

Control

Dynacord DSP244 digital loudspeaker processor. All processors set for maximum amplification, elimination of delay issues and feedback in audience location.

Amplifiers

Dynacord power H5000

Power

Motion labs AC distro and breakout rack panels

Speakers

(4) Dynacord Cobra 4 tops

(4) Dynacord Cobra PWR Subs

(4) EV SX250A Sidefill and monitor speakers

(2) Atlas MS200 heavy duty mic stand

(2) Ultimate telelock tri pods

Mics

(2) Shure SM 58 mics

(1) Shure ULD Digital wireless mic with scan and 12 hour rechargeable battery feature.

Misc.

All ample speaker, signal, cat and power cable needed to run away from high traffic areas.

(1) Tascam CD Play

Tech

(2) Tech engineers.

ESBY GYM VIDEO

(1) 15X20 Dalite fast fold rear projection video screen with heavy duty legs, skirting, tie downs and sandbags.

(1) 12,000 lumens Ansi Lumens LCD projector with short throw lens. Must be 120v.

(1) DVD player

(1) Analogway Easycut w/DVD/2FSR/drawer A/V switcher

(1) 2’ scaffolding unit for projector 2’ wide X 6’ tall

(1) Lot video and power cable

(1) Sony HD video camera w/ tri pod and 300’ bnc cable. Broadcast and record full commencement and transfer to DVD. Deliver to Rowan tech. no later than 1 week following commencement.

Tech

(1) Tech. video engineer
STUDENT REC. CENTER AUDIO

Console
Allen and Heath Ilive digital console. All stored processing and ipod playback incorporated into console.

Control
Dynacord DSP244 digital loud speaker processor. All processors set for maximum amplification, elimination of delay issues and feedback in audience location.

Amplifiers
Dynacord power H5000

Power
Motion labs AC distro and breakout rack panels

Speakers
(4) Dynacord Cobra 4 tops
(4) Dynacord Cobra PWR Subs
(4) EV SX250A Sidefill and monitor speakers
(2) Atlas MS200 heavy duty mic stand
(2) Ultimate telelock tri pods

Mics
(2) Shure SM 58 mics
(1) Shure ULD Digital wireless mic with scan and 12 hour rechargeable battery feature.

Misc.
All ample speaker, signal, cat and power cable needed to run away from high traffic areas.

(1) Tascam CD Play

Tech.
(2) University Commencement experienced A Tech engineers.

STUDENT REC CENTER VIDEO

(1) 15X20 Dalite fast fold rear projection video screen with heavy duty legs, skirting, tie downs and sandbags.

*For 2020, we would like to price a comparable LED screen

(1) 12,000 lumens Ansi Lumens Lcd projector with short throw lens. Must be 120v.

(1) DVD player

(1) Analogway Easycut w/DVD/2FSR/drawer A/V switche

(1) 2’ scaffolding unit for projector 2’ wide X 6’ tall

(1) Sony HD video camera w/ tri pod and 300’ bnc cable. Broadcast and record full commencement and transfer to DVD. Deliver to Rowan tech. no later than 1 week following commencement.

All ample speaker, signal, cat, bnc,video and power cable needed to run away from high traffic

Tech
(1) Tech. video engineer

REC CENTER EXERCISE ROOM AUDIO OPTIONAL ONLY

CONSOLE
Allen and Heath QU digital console with 2013 thru 2014 previously successful commencements loaded in console and stored on USB. All stored processing and ipod playback incorporated into console.

Speakers
(2) Dynacord Madris 1x12
(2) Ultimate Telelock Tri pods

All ample speaker, signal, cat, bnc,video and power cable needed to run away from high traffic
REC CENTER EXERCISE ROOM VIDEO OPTIONAL ONLY

**Video**
(1) 8X6 Dalite fast fold rear projection screen with frame, leg and dress kit

(1) Eiki 7,000 lum. Projector with short throw lens

(1) A/V Whirlwind converter.

**Tech**
(1) Tech. A/V engineer

UNIVERSITY GREEN VIDEO/LIVE STREAM

**Video Wall and Live Camera Feed**

(1) Eventix/Diventix Switching Rack
(1) Broadcast Pix Package Broadcast Pix Mica 1000 Rack
(1) BroadcastPix Keyboard/Mouse Case
(1) Sony D-50W Package
(1) Sony D-50 Rack
(2) Sony D-50 Camera
(1) Triax Cable Case
(2) Cartoni Tripod case
(1) Manfrotto Tripod
(1) Video Village Workbox #1
(1) Video Village Workbox #2
(1) Presonus 1642 Digital audio mixer
(1) Black Magic HyperDeck Rack
(2) Mercury Extreme Pro SSD - 240 GB
(2) SanDisk Extreme II SSD - 480G
(1) Presonus 1642 Digital Mixer - 16 Ch.
(32) Aeson 6.6mm indoor/outdoor LED Panel 16' x 9' Wall
(1) Aeson 6.6mm LED Wall Rigging Case
(1) Aeson Processing Rack
(1) LED Wall Ground Support System
(1) HD-SDI 6 Channel Snake Case - 250'
(5) HD-SDI Cable - 25'
(5) HD-SDI Cable - 10'
(5) HD-SDI Cable - 50'
(5) HD-SDI Cable - 100'
(5) VGA Cable - 10'
(5) VGA Cable - 25'
(4) VGA Cable - 50'

**Computer**
(2) HP Laptop XP Pro Office 2010 Network/Streaming

**Misc 1 Network Streaming Transcoder**
(3) Cat-5 Cable (on Spool) - 250'
(3) Cat-5 Neutrik Barrel

**Power Cables & Distribution**
(5) Power Cable - 25'
(5) Power Cable - 50'
(5) Power Cable - 100'
(5) Quad Box
(1) 50' Socopex
(1) 100' Socopex
(1) ML Distro - 200Amp/3Phase
UNIVERSITY GREEN VIDEO/LIVE STREAM, CON’T

Video Broadcast, live stream and video wall labor
(1) MMD Ultra silent 75 KVA Tier 4 3phase generator with reverse ground/neutral cam locks for video wall only. Fuel and overtime hours included.

STREAMING LOCATIONS AND CEREMONY LOCATIONS. (2) VIDEO TECHS ON STAND BY IN CASE OF VIDEO EQUIP. AND LABOR FOR RAIN CEREMONY LOCATIONS (STREAMING)

(3) Diventix switching racks
(3) Intelix VGA to Cat 5 Sender/ Receiver
(3) Cat -5 spool reels (250’)
(3) Panasonic AG-160 SDI Kit
(3) Manfrotto Tripod
(3) SIIG 3G-SDI to HDMI converter
(3) Black Magic Ultra Studio SDI Capture Card
(3) Macbook Pro 15” computers

WACKAR STADIUM

MOBILE LED WALLS FOR WACKER STADIUM

2x-11’x18’ Trailers for Main Commencement
1x-Driver and Tech for length of the event plus hotel and per diem

MAIN COMMENCEMENT WACKERSTADIUM:

1x-Tricaster TCXD850
2X 32’ LED Monitor
1x Blackmagic Hyperdeck Studio Pro 2
3x Panasonic AK-HC3800 HD Camera
2x SSD 240gb
1x Data Video SDI DA 2x6
2x Decimator Cross Converter
12x HDMI Cable 10’
6x SDI Cable 10’
6x SDI Cable 25’
6x SDI Cable 50’
4x SDI Cable 100’
2x HDMI HDCP DA 1X4
1x Barco Image Pro-II HD
1x Fiber Reel 500’

1x Clear Com System
2x Macbook Pro
1x Mackie DL 1608 Mixer
2x Fiber to Cat-6 Converter
6x Power Cable 10’
4x Power Cable 100’
6x Power Cable 25’
6x Power Cable 50’
10x Quad Box

2 Cobra tops and 2 Cobra bottoms
Cobra amp racks
4 212 Madris fills
Pro mic package
A & H digital console
A & H IDR rack
Pro cable package
Feeder cable
CP200 2 way radios
100k Ultra Quiet generator with cam tails for video
100k Ultra Quiet generator with cam tails for audio