

EXHIBIT L: DELGADO COMMUNITY COLLEGE RIVER CITY CAMPUS /  
ADVANCED MANUFACTURING CENTER OF EXCELLENCE OVERVIEW  
AND PROPOSED TRAINING FOCUSES

RFP NUMBER: 171116

<b>River City Site Student/Employee Number</b>			
	YEAR	# of students	# of employees
Business and Technology	Year 1	84	7
	Year 2	100	7
	Year 3	116	8
Technical Division	Year 1	1124	14
	Year 2	1204	18
	Year 3	1270	20
Communication	Year 1	200	6
	Year 2	225	6
	Year 3	250	6
Arts and Humanities	Year 1	30	2
	Year 2	40	2
	Year 3	120	2
Science and Math	Year 1	150	5
	Year 2	400	7
	Year 3	825	10
Registrar's Office	Year 1		1
	Year 2		1
	Year 3		1
<b>TOTAL</b>	<b>Year 1</b>	<b>1,588</b>	<b>35</b>
	<b>Year 2</b>	<b>1,969</b>	<b>41</b>
	<b>Year 3</b>	<b>2,581</b>	<b>47</b>

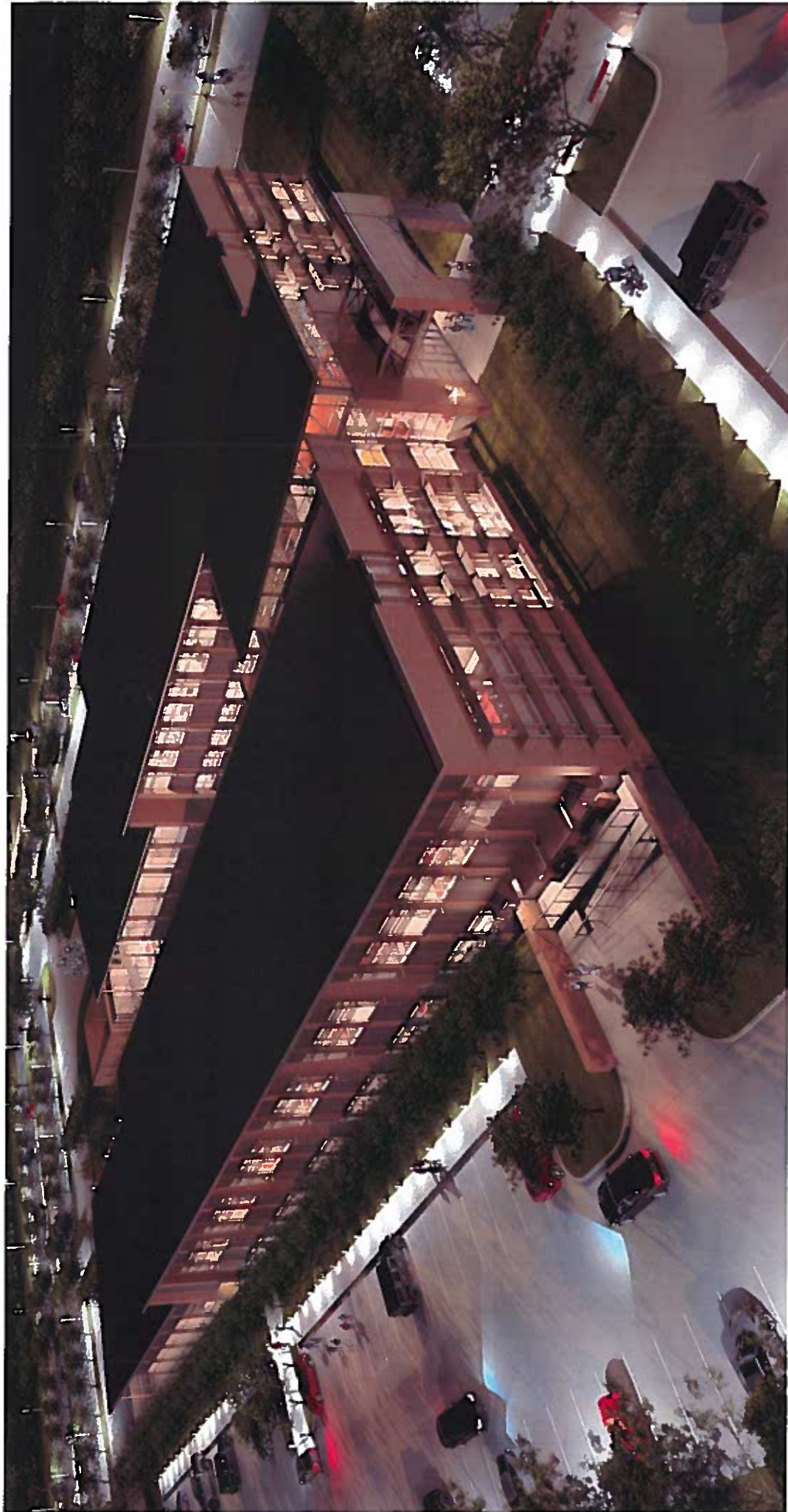
**Delgado Community College  
River City Advanced Manufacturing & Technology  
Center**

**703 Churchill Parkway  
Avondale, LA**



H/S

JAMES & ANTHONY ARCHITECTS, INC.



Birdseye Render

**Delgado Community College**  
Averdale, Louisiana

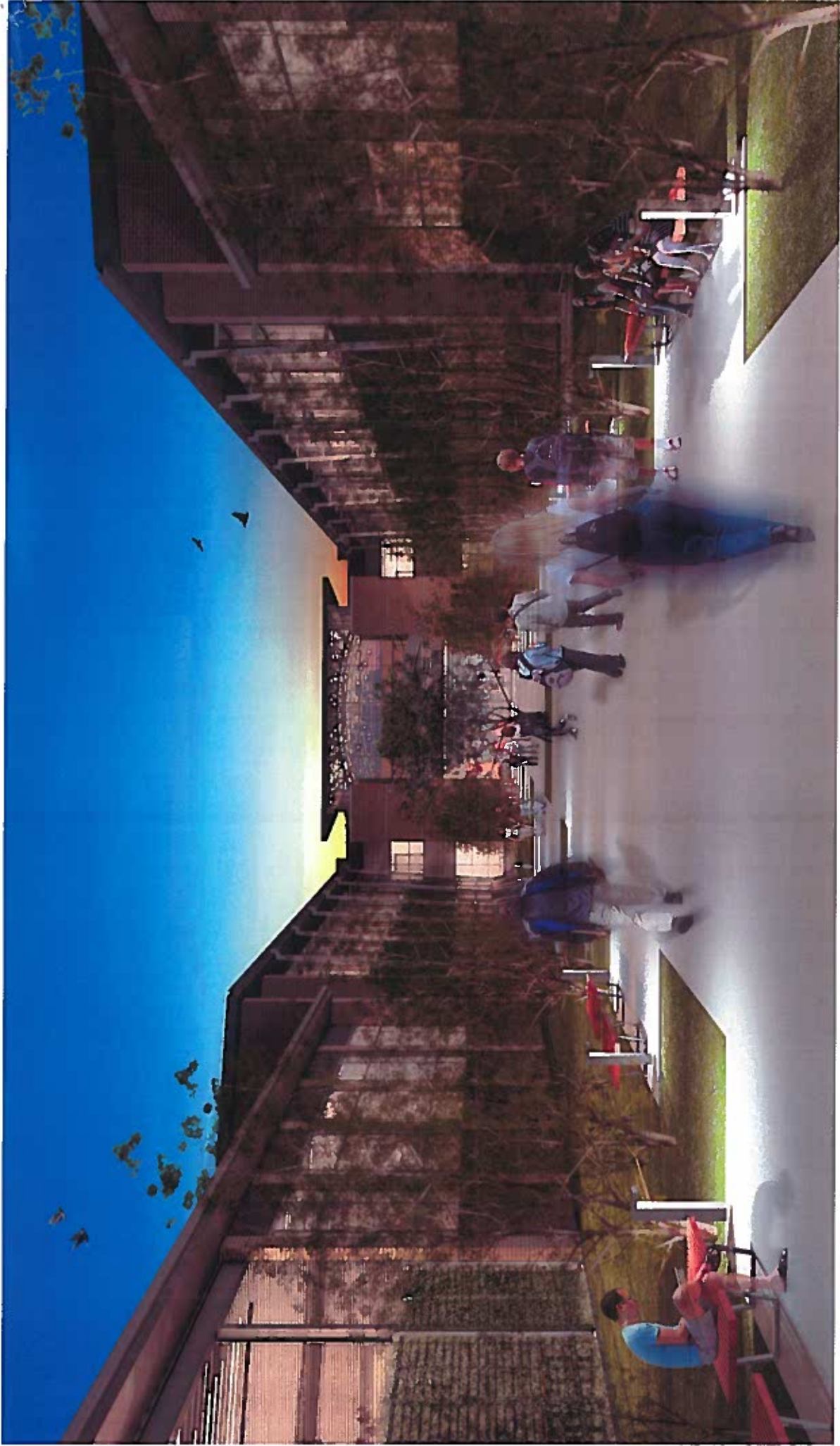
H/SF 14036-A

February 24, 2016

H/S

HOLLY & SMITH ARCHITECTS

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### **Characteristics of the River City Advanced Manufacturing & Technology Center**

The Advanced Manufacturing & Technology Center (AMTC) for Southeastern Louisiana is a proactive approach to responding to the demands of business and industry for a skilled workforce. AMTC is a prime example of innovation, far sight and collaboration which will create a sustainable long term solution to critical workforce shortages. Additionally, the Center will provide a pipeline of skilled workers to expand current and future business operations.

**The River City Advanced Manufacturing & Technology Center is unique for the following reasons:**

- Provides participants with the opportunity to train in a state- of-the-art facility on cutting edge technology;
- Allows participants to benefit from instructors that are highly skilled and experienced in their crafts; many of whom have worked in their field for decades;
- Allows the college to seamlessly transfer and integrate the courses currently offered in the technical division to the Advanced Manufacturing & Technology Center; thereby, avoiding duplication of services;
- Proximity to Lake Pontchartrain, Harvey Canal, Bayou Segnette, Bayou Bartararia, Port of New Orleans, Port of South Louisiana (including St. Bernard Port and Plaquemines Port, and Bayou Lafourche;
- Vast partnerships that are vested in the success of this effort;
- Development of Articulation agreements with four year institutions for advanced degrees in engineering and applied science in the areas of Industrial Technology, Manufacturing Engineering and Naval Architecture/Marine Engineering; and
- Results of the Advanced Manufacturing & Technology Center will allow the state to reach its ultimate goal of providing business and industry with a skilled workforce pool, while simultaneously providing Louisiana workers with the ability to succeed in an emerging economy.

**Advanced Manufacturing & Technology Training Programs:**

The River City Advanced Manufacturing & Technology Center training programs will be structured to not only provide state-of-the-art training and education to Southeastern Louisiana, but to also provide high-quality, craft skill training to supplement our workforce needs. We will also be able to provide area industry with customized and/or specialized training they may need. Almost all of our craft skilled trades are credentialed under the National Center for Education and Research (NCCER). All of our training programs requires both written and hands-on, competency-based assessments to successfully complete.

**Some of the training programs that will be offered are:**

- **CNC / Manual Machine Tool**
  - Manual Mill and Manual Lathe training
  - Computer Numerical Control (CNC) training up to 5-Axis machining
  - MasterCam Numerical Control Software
- **Robotics and Mechatronics**
  - Fanuc Robotics training will be offered, including the F.A.S.T. (Fanuc Authorized Satellite Training) program.
  - Mechatronics –
    - Seven stations make up a complete flexible manufacturing system. Each station is a small mechatronics system in itself with multiple, integrated technologies that can be used stand-alone or in various combinations, creating unlimited project capability.
      - Pick & Place Feeding
      - Gauging
      - Orientation Processing
      - Sorting/Buffering
      - Servo Robotic Assembly
      - Torque Assembly
      - Inventory Storage
      - CNC Mill
      - Hydraulic Press

- **Diesel & Marine Diesel Technology**
  - This will be a state-of-the-art diesel/marine diesel training lab, complete with a Dynamometer System
- **Industrial and Marine Electrical Technology**
  - Will provide both Industrial Electrical and Marine Electrical training programs
  - Will provide the following marine-related trainings:
    - Qualified Master of Engineering Department (Q-MED)
    - Engine Room Management (ERM)
    - Management of Electrical and Electronic Control Equipment (MEECE)
- **Welding**
  - We will have a 64 booth state-of-the-art welding facility that will offer almost all processes of welding, oxyfuel and plasma cutting. We will also have a robotic welding training program on site and a CNC Plasma Cutting Table.
- **Pipefitting & Maritime Pipefitting**
  - NCCER credentialed pipefitting training up to level 4
- **Structural Fitting / Shipfitting / Outfitting**
  - Structural and Maritime Shipfitting
  - NCCER credentialed
- **Millwright**
  - NCCER credentialed training up to level 5
- **Industrial Maintenance**
  - NCCER credentialed pipefitting training up to level 4
- **Instrumentation and Process Controls**
  - NCCER credentialed up to level 4
  - Certificate of Technical Studies – Delgado
- **Rigging**
  - NCCER credentialed training
- **Quality Assurance & Metallurgy**
- **Logistics**



- **Biology & Chemical Technology**
- **Forklift Truck Training**
- **OSHA 10 and 30**
- **Customized/Workforce Training as needed**
  - Ability to design and develop customized training for industry
  - Provide Leadership and Supervisory training
  - Provide other workforce training as needed