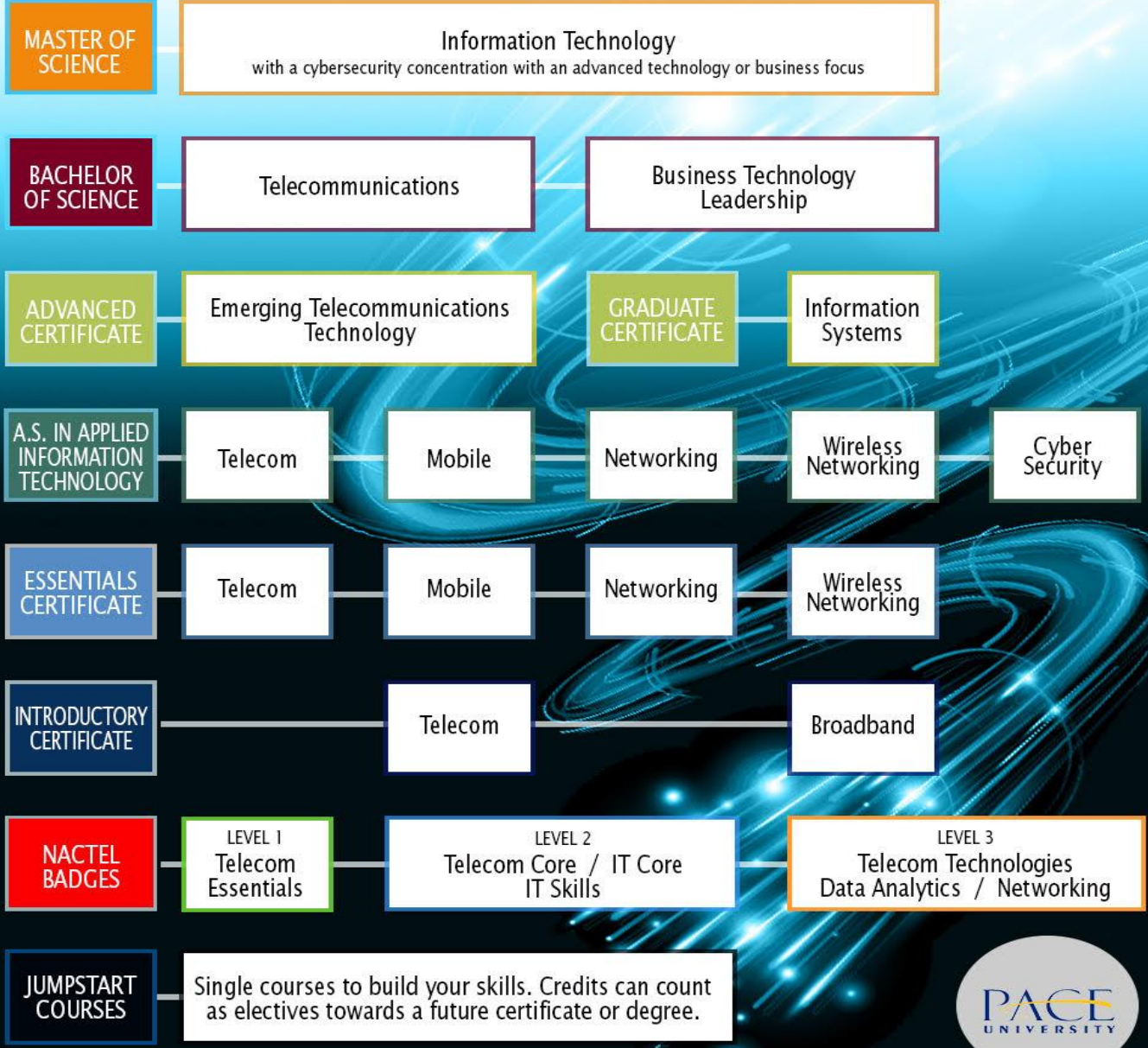


# Corporations and Institutions Collaborate on Curriculum and Outcomes

CONNECT Higher Education Summit: June 5, 2019



- ✓ Grown from 1 program in 1999
- ✓ Built and approved by telecommunications employers and labor organization partners
- ✓ Stackable credentials: online courses, badges, certificates and degrees flexible to meet workforce demands
- ✓ Aligns to employer talent development initiatives
- ✓ Supports employee engagement initiatives through strong persistence and completion rates



# EPCE'S INDUSTRY BUILT ONLINE EDUCATION

|  |   |   |  |  |   |
|--|---|---|--|--|---|
| <b>Intro</b><br>                        | Orientation to the Electrical Industry<br><i>at Bismarck State College</i><br><br>Industrial Aptitude Test Prep Course<br><i>at Bismarck State College</i><br><br>Mathematics of Electricity - Careers in Electric Power<br><i>at Virtual High School</i><br><br>Renewable Energy Sources<br><i>at Virtual High School</i>  | <b>Specialty</b><br>                                   | <b>MBA</b><br>Master of Business Administration<br><i>at Excelsior College</i><br><br>MBA Dual Degree Programs<br><i>at Excelsior College</i>  | <b>Cybersecurity</b><br>BS in Cybersecurity Programs<br><i>at Excelsior College</i><br><br>MS in Cybersecurity Management<br><i>at Excelsior College</i>   | <b>Water &amp; Wastewater</b><br>Certificate in Water & Wastewater Technology<br><i>at Bismarck State College</i> |
| <b>Generation</b><br>                   | <b>Nuclear Power</b><br>Certificate in Nuclear Power Technology<br><i>at Bismarck State College</i><br><br>AAS in Nuclear Power Technology<br><i>at Bismarck State College</i><br><br>BS in Nuclear Engineering Technology<br><i>at Excelsior College</i><br><br>Concentrations in Nuclear Leadership<br><i>at Excelsior College</i>  | <b>Power Plant</b><br>Certificate and AAS in Power Plant Technology<br><i>at Bismarck State College</i>                                 | <b>Renewable</b><br>Certificate in Energy Services & Renewable Technician<br><i>at Bismarck State College</i><br><br>AAS in Energy Services & Renewable Technician<br><i>at Bismarck State College</i><br><br>Smart Grid Courses<br><i>at Bismarck State College</i> | <b>Engineering</b><br>Undergraduate Certificate in Engineering<br><i>at Clemson University</i><br><br>BS in Electrical Engineering Technology (BSEET)<br><i>at Excelsior College</i><br><br>BS in Electrical Engineering (BSEE)<br><i>at Clemson University</i><br><br>Graduate-level Programs in Power Systems Engineering or Management<br><i>at Worcester Polytechnic Institute</i> |   |
| <b>Transmission /Distribution</b><br> | <b>Electric Power</b><br>Certificate in Electric Power Technology<br><i>at Bismarck State College</i><br><br>AAS in Electric Power Technology<br><i>at Bismarck State College</i><br><br>Certificate in Electrical Transmission Systems Technology<br><i>at Bismarck State College</i><br><br>AAS in Electrical Transmission Systems Technology<br><i>at Bismarck State College</i> | <b>Instrumentation &amp; Control</b><br>Certificate and AAS in Instrumentation & Control Technology<br><i>at Bismarck State College</i> | <b>Technology Mgmt.</b><br>BPS in Technology Management<br><i>at Excelsior College</i>   |  |   |

- ✓ Grown from 1 program in 2000
- ✓ Built with and approved by energy employers with adult success framework
- ✓ Industry credentials: flexible courses, certificates and degrees
- ✓ Aligned to employer talent development and engagement initiatives
- ✓ Supports internal learning and training
- ✓ Shared education resource with energy industry

EPCE Employer- Education Coalition

